



NICHE
KANYAKUMARI
DEEMED-TO-BE UNIVERSITY

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**NOORUL ISLAM CENTRE
FOR HIGHER EDUCATION**

Accredited by NAAC (Cycle - 2)

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ANNUAL REPORT 2024-2025

VISION

To be recognized by the Government and society at large as an institution able to deliver excellence with relevance in the field of higher education and research focusing on the needs of the nation in tune with the technological revolution to cope up with the knowledge explosion and global competence.

MISSION

To develop the Institution as a centre of excellence, keeping pace with advances in the field, so as to provide quality higher education to the students and instill in them high enlightened individuals in the frontier areas of science and Technology.

QUALITY POLICY

We offer value added professional education and promote intensive and innovative research with emphasis on a continual improvement in all our service.

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INTRODUCTION

Establishment and Early Growth

Noorul Islam Centre for Higher Education (NICHE) was established in 1989 as an Engineering College with just two departments and eighty students. In its formative years, the institution achieved remarkable academic success. Between 2005 and 2009, students secured 34 University ranks, including 14 First ranks, 10 Second ranks, and 10 Third ranks in Anna University examinations, along with consistently achieving above 90% results across disciplines.

During 1998, NICHE became the **first private engineering college in South India** to get internet connectivity via satellite link through the National Informatics Centre (NIC), Government of India. It was also the first to introduce **multi-point video conferencing facilities**, enabling students to interact with eminent personalities, including Dr. A.P.J. Abdul Kalam, who later visited the campus in 2010.

Recognition as Research Centre

In 2006, Anna University, Chennai, recognized the Departments of Mechanical Engineering, Electrical and Electronics Engineering, Management, and Mathematics as **Research Centres**, highlighting NICHE's growing research potential.

On **8th December 2008**, the Ministry of Human Resource Development (MHRD), Government of India, declared NICHE a **Deemed-to-be University**. In the same year, NICHE received approval from the Ministry of Science and Technology as a **Scientific and Industrial Research Organization (SIRO)**, a recognition that has since then being renewed till date.

Accreditations and National Rankings

NICHE secured **ISO 9001:2000 certification** and accreditation by the **NBA-AICTE** for all eligible courses till 2010. In 2015, during its **first NAAC assessment cycle**, NICHE earned an 'A' Grade with a CGPA of 3.06 and was later re-accredited in the second cycle as well in 2022.

In 2016, NICHE achieved a **75th rank in the University stream** and **66th among Engineering Institutions** in the National Institutional Ranking Framework (NIRF). In 2017, it was placed in the **150–200 rank band among Universities**.

National and International Recognitions

In 2014, NICHE was selected as the **Best University for educational and social commitments in rural areas** by the Planning Commission and ASSOCHAM India. Its Faculty of Management Studies was declared the **best B-School in Southern India**. IBM also recognized the institution as a **Centre of Excellence**.

A landmark achievement came on **23rd June 2017**, when NICHE successfully **developed and launched NIUSAT**, a student satellite, from Sriharikota through PSLV-38 with the support of ISRO. NIUSAT continues to function successfully, maintaining communication with the ground station. Department of Nano technology Is approved by DST-FIST . In 2022 NICHE won the popularisation of science award from Government of Tamil Nadu. Times of India has ranked NICHE placement division as the sixth best in Tamil Nadu and has also won award by EnteSamrambham. NICHE was awarded the International Green University award at the Green School Conference 2022 held in New York USA. Times B School Survey 2022 has ranked the Faculty of Management Studies of NICHE as the 148th best business school in India. NICHE was awarded three-star rating for its Innovation Cell by MHRD, highlighted its excellence. Times Engineering ranking has awarded 69th best Engineering Institution in 2024. India to day has classified as the 28th best technical university in 2024. BBA programme of NICHE was ranked as the 6th best in Tamil Nadu and the BE/B. Tech programmes were ranked as the 13th best in Tamil Nadu in 2024 by the Times.

Infrastructure and Academic Facilities

NICHE has developed a sprawling campus with **47 acres of land** and over 80755 sq.m **of built-up area**. It houses **13 hostel blocks** (9 for men and 4 for women), **4 canteens**, a **gymnasium**, extensive sports facilities, nearly **780 computers**, and full Wi-Fi coverage. It is also connected to the **1 GBPS National Knowledge Network (NKN)** under the National Mission on Education. The campus is networked and 24x7 internet access is made available.

Academic collaborations and initiatives include:

- **IBM** – Centre for Software Excellence
- **Infosys** – Campus Connect Programme
- **TCS** – Add-on training support
- **ICT Academy of Tamil Nadu (ICTACT)** – Skill development initiatives

Three departments regularly publish **Internationally Reputed Journals**, further strengthening NICHE's research culture.

The University campus is well-structured with each department housed in a separate self-contained building equipped with modern laboratories, classrooms, faculty cubicles, smart classrooms, and discussion rooms to support academic activities. It has a dedicated Administrative Block and a Health Centre with qualified doctors and paramedical staff to ensure medical care. Separate UG and PG hostels for women are located inside the campus, while men's hostels are situated nearby, all with facilities such as indoor games, gym, reading rooms, prayer/recreation halls, television, telephones, and canteens. Additional amenities include bookshops, photocopying centers, and well-connected roads within the campus. The University also provides adequate transportation with its own fleet of vehicles supplemented by hired services during special programs, and maintains uninterrupted water supply through natural springs and bore wells.

Leadership Achievements and International Participation

In **May 2015**, Pro-Chancellor Shri. M.S. Faizal Khan represented India at the **Second Sustainable Energy for All Forum** at the United Nations Headquarters, New York. He shared experiences of setting up Asia's **first Green Cardiac Catheterization Labs** at NIMS Medicity, powered by a hybrid in-house solar and wind power project.

In **2018**, he was nominated as a member of the **First Court of Maulana Azad National Urdu University, Hyderabad** by the then President of India, Dr. Ram Nath Kovind. Further he has been nominated as the Chancellor's Nominee to the senate of University of Kerala in the year 2024 by the Hon'ble Chancellor of the Kerala University

NICHE actively participated in international collaborations under the **India-Israel Space Tech Leadership Programme (2019)**. Dr. A. Shajin Nargunam, Pro Vice-Chancellor (Academic) visited Israel in February 2019, followed by Pro-Chancellor (Academic) Dr. R. Perumalsamy, who signed an MoU with Israeli academic and industrial experts in May 2019 for the design and development of small satellites.

Research Projects and Innovations

On **27th August 2018**, the Department of Nanotechnology received a **DST-FIST Level Programme grant of Rs. 77 lakhs**, leading to the establishment of an advanced nano-characterization lab equipped with an XRD D2 Phaser in April 2019.

Other major research achievements include:

- **Dr. Aneesh Nair**, Assistant Professor, Department of AHS – received **Rs. 7.84 lakhs** from the Chief Conservator of Forests, Chennai, for mangrove conservation research.
- **Dr. Praseetha** – was awarded **Rs. 116 lakhs** in January 2024 by DST-SHRI for a project validating **traditional phytomedicines for snakebite management among tribal populations** in Tamil Nadu.

Technological advancements include the inauguration of a **Cloud Computing Lab** on **6th September 2018**, with an investment of Rs. 50 lakhs, later upgraded with **10 servers and 48TB storage**. A **Humanoid Robotics Lab** costing Rs. 8 lakhs was also inaugurated on the same day. NICHE became the **first VMware-certified IT institution in Tamil Nadu** and secured a **Microsoft Manganic License** for cloud access.

NICHE inaugurated these aeronautics / aerospace-related programs under “NAMAS” project. Renovated Gymnasium for Female Students (Women’s Hostel).

In October 2024, NICHE inaugurated an Advanced CAD/CAM Lab by Prof. Rajive Kumar, Member Secretary, AICTE. NICHE has an iOS App Development Lab / iOS Development Lab in the Department of Computer Science & Engineering. The lab “provides students with the essential tools to create and test applications for the iOS platform,” including Apple hardware (Mac computers) and relevant software. NICHE has a Sukumari School of Multimedia and Film Technology. This suggests an academic department focusing on film/media

Hosting Prestigious Conferences

On **6th–7th January 2020**, NICHE hosted the **AIU South Zone Vice-Chancellors’ Meet**, inaugurated by the Honourable Lieutenant Governor of Puducherry, Dr. Kiran Bedi. Prof. Anil D. Sahasrabudhe, Chairman of AICTE,

delivered a special address. The event focused on promoting **Research, Innovation, and Excellence** in Indian universities.

During 2023–2024, NICHE, comprising 11 faculties and 24 departments, offered 36 UG, 27 PG, and Ph.D. programmes across diverse disciplines and achieved remarkable progress in academics, research, placements, and social outreach. A total of 288 job offers, including a highest package of ₹9 LPA, alongside initiatives like the Steve Jobs Scholarship Training Programme and Civil Service Academy yielding notable success. The year also saw strong research output with 593 Ph.D. scholars under 93 guides, 3315 SCOPUS publications, 23055 citations, and 139 patents filed, of which 49 were granted, while scholars received prestigious fellowships including INSPIRE and SJSGC. NICHE hosted numerous conferences, workshops, FDPs, and social awareness programmes, celebrated national events, launched free education scholarships, and inaugurated innovative student clubs. International exposure expanded with internships in the USA and Malaysia, and MoU collaborations reached 132, including 22 international. With the assumption of office by Vice-Chancellor Dr. Tessy Thomas the missile women of India in March 2024, NICHE further strengthened its vision of academic leadership, innovation, and societal commitment.

The Steve Jobs Scholarship Training Programme selected 69 students for a rigorous 30-hour programme on technical and soft skills, leadership, and industry awareness. The Placement and Training Department further conducted sessions on higher education abroad, UPSC guidance, interview preparation, and pre-placement training. The NICHE Civil Service Academy registered notable success, with over 30% of its candidates qualifying for training, as 29 of 94 aspirants cleared preliminary rounds.

As part of continuous learning, 256 faculty and students registered for SWAYAM and NPTEL courses, further strengthening the culture of academic enrichment.

The Research Development Cell and the Board of Research, Development and Consultancy organised multiple programmes to enhance scholarly output. These included a 15-day workshop on research methodology and ethics, a Professional Development Programme on strategies to increase citation frequency, and faculty programmes on non-traditional learning methods, academic success, and advanced research techniques. These activities reflected

NICHE's vision to encourage innovation, global competitiveness, and interdisciplinary collaboration.

The Department of Computer Science and Artificial Intelligence hosted the BYTE FESTZ 2K24 technical symposium with Dr. S. Kaliappan, former Vice-Chancellor of Anna University, as Chief Guest. The Fire Technology and Safety Engineering Department conducted FIRE HUB 2K24, while the Biomedical Engineering Department organised a symposium on the journey of innovations from bench to bedside. Several other seminars and workshops followed, covering diverse themes such as instrumentation in medicine, embedded intelligence, automation, stress management, corrosion prevention, and LaTeX applications. Green Energy and ECO Club observed Environment Day with plantation drives, while the Faculty of Management Studies hosted sessions on accreditation processes and an international conference on management and technology. The signing of a major MoU with Brahmos Aerospace Trivandrum was also recorded as a milestone.

Departments showcased the academic and research strengths of NICHE. The Aeronautical and Aerospace departments conducted nine research colloquia on themes ranging from aviation safety to missile guidance and electric propulsion, while faculty members published and presented extensively. Automobile Engineering collaborated with allied departments for Faculty Development Programmes on Artificial Intelligence and corrosion prevention. The Department of Allied Health Sciences hosted both a National Health Symposium and an international conference, alongside awareness drives on dengue and other community outreach initiatives. Biomedical Engineering scholars presented papers at international conferences, while Chemistry faculty published prolifically, secured patents, and earned INSPIRE fellowships. Civil Engineering organised a national conference on emerging technologies and regularly held seminars and colloquia. Departments of Computer Applications, Computer Science, and Information Technology conducted numerous FDPs, PDPs, and technical workshops, many focusing on artificial intelligence, cloud security, and embedded systems, resulting in patents, publications, and placements for graduating students.

Engineering departments such as ECE, EEE, and Fire Technology reported a steady rise in research publications, industry collaborations, and student participation in symposiums and competitions. English faculty earned

recognition for SCOPUS-indexed publications, and Mathematics organised a national conference alongside MoUs with industry bodies such as the Confederation of Indian Industry. The Faculty of Management Studies continued to strengthen student development with outbound training, Khadhi Boutique inauguration, and international conferences. Marine Engineering achieved recognition through national-level innovation competitions and significant patent activity. Mechanical Engineering faculty earned patents and book publications while conducting several programmes on research and industry applications. Nanotechnology and Physics departments reported prestigious DST projects, fellowships, international conferences, and patents in advanced materials. The Software Engineering department contributed with significant publications and workshops, including outreach to tribal villages and IoT applications.

Major Research Publications, research grants and patents, Placements, observances, celebrations, academic conferences, seminars, workshops, along with significant faculty and student achievements for the academic year 2024–2025 are outlined below

Research and Publications

As on 14th August 2025, publications listed in the **SCOPUS Database** have shown a significant increase, bringing the total to **4,621 publications**, with an **h-index of 69** and **36,659 citations**.

As of **23rd June 2025**, NICHE had a cumulative **172 patent applications**, of which **78 were granted, 25 examined, 45 published, and 24 pending**. The **Department of Biomedical Engineering** completed consultancy worth **₹5.15 lakhs**, while Civil, Allied Health, Mechanical, and IT Departments contributed significantly to patent filings and publications during this period.

Currently, a total of **377 research scholars** are pursuing their doctoral work under the supervision of **87 recognized guides**. Among these scholars, **one scholar** has been awarded the **Savitribai Jyotirao Phule Fellowship for Single Girl Child (SJSGC)**, and **three scholars** are recipients of the **INSPIRE Fellowship** from the **Department of Science and Technology (DST)**. In addition, other eligible full-time scholars are supported through monthly stipends provided by **NICHE**.

In **June 2024**, the **Department of Nanotechnology** secured a **DST project worth ₹76.93 lakhs** on advanced nanomaterials for biomedical applications. Several collaborative projects were initiated through MoUs.

Placements

During the academic year 24-25, **18 companies** visited the NICHE campus for recruitment. These visits resulted in a total of **305 job offers**, of which **190 NICHE students** secured placements. As part of its **corporate social responsibility**, NICHE also facilitated the placement of **35 outside students** from other institutions. The **mean salary** offered to students was **Rs. 3.06 lakhs per annum**, while the **highest package** of **Rs. 10.12 lakhs per annum** was offered by **Sophos Technologies Private Ltd., Ahmedabad**.

Institutional Observances and Celebrations

The academic year commenced with the **Pledge Against Drug Abuse** on **12th August 2024**, in which the Honourable Chief Minister of Tamil Nadu, Thiru M.K. Stalin, administered the pledge virtually. The event was locally presided over by the Honourable Minister of Milk and Dairy Development Thiru T. Mano Thangaraj, the District Collector and the Superintendent of Police. **Independence Day** was celebrated on **15th August 2024** with patriotic zeal, followed by **Sadbhavana Diwas** on **20th August 2024**.

The Institution celebrated **Teachers' Day** on **5th September 2024**, honouring faculty members, and **Engineers' Day** on **15th September 2024**, which featured technical paper presentations and project exhibitions. **World Ozone Day** on **16th September 2024** was observed with seminars on environmental protection, and the **World Rivers Day Rally** was organised on **24th September 2024** by the Gandhian Peace Club.

In October 2024, **Gandhi Jayanthi** was observed on **2nd October**, while **World Students' Day** on **15th October** commemorated Dr. A.P.J. Abdul Kalam. On **18th October 2024**, NICHE hosted **National Space Day Celebrations**, highlighting India's Chandrayaan-3 success. On **29th October 2024**, students and staff participated in the **Vigilance Awareness Week Pledge**.

In November 2024, **National Education Day** on **11th November** and **Constitution Day** on **26th November** were observed. December included **World AIDS Day** on **1st December**, **National Pollution Control Day** on **2nd December**, **World Human Rights Day** on **10th December**, and **Christmas Celebrations** on **20th December 2024**.

In the new year, **National Youth Day** was celebrated on **12th January 2025**, **Netaji Subhash Chandra Bose Jayanti** on **23rd January 2025**, and **Republic Day** on **26th January 2025** with a ceremonial parade and cultural programmes. February featured **World Cancer Day** on **4th February 2025**, **International Day of Women and Girls in Science** on **11th February**, the **NSS Road Safety Awareness Rally** on **12th February**, **International Mother Language Day** on **21st February**, and **National Science Day** on **24th February 2025** with exhibitions and invited lectures.

On **5th–6th March**, Anti-Drug Pledge ceremonies were held across hostels and campus, followed by the **State-Level Inter-University Athletics Championship** and **International Women's Day** celebrations. The **Nano Fibre Project** was launched on **7th March** in Nagercoil to honour women's contributions.

World Hearing Day was observed on **17th March**, and an outreach programme at Karunalayam Special School on **20th March**. Traffic awareness initiatives were conducted on **21st and 24th March**. On **29th March**, NICHE hosted its **Scholarship Distribution Ceremony**, and the Honourable Vice-Chancellor, Dr. Tessy Thomas, was honoured with The Hindu Excellence in Education, Science, and Technology Award.

April witnessed multiple events: **Anti-Ragging Sensitisation Programme** on **3rd April**, **National Maritime Day** on **5th April**, **INNOVISTA Tech Fest** on **7th April**, **Sports Day** on **8th April**, and **PRAVAHA 2025** on **9th April**. An **Anti-Drug Awareness Rally** followed on **11th April**, while **World Book and Copyright Day** was celebrated on **23rd April**.

In May, the **Academic Year 2025–26** was inaugurated on **9th May**. On **13th May**, NICHE and NIMS jointly celebrated the Janmabhumi Golden Jubilee. A felicitation ceremony for Government Scholarship recipients was held on **15th May**, and a CSR donation from TMB was presented on **19th May**. The **Ilakkiya**

Inbam Literary Seminar took place on **22nd May**, followed by an alumni reunion on **25th May**.

NICHE Ascend 2025, a celebration of academic excellence, was organised on **4th June** with distinguished academic leaders as guests. **World Environment Day** was observed on **5th June 2025** through eco-initiatives. On **16th June 2025**, the Women's Volleyball Team achieved accolades at state level, and the **IIoT Training for Differently-Abled Youth** was inaugurated under NaanMudhalvan.

Academic Conferences, Seminars, and Workshops

The academic calendar commenced with the **DST-sponsored Workshop on Advanced Nanomaterials for Biomedical Applications**, organised by the Department of Nanotechnology in **June 2024**, following the sanction of a major DST project worth ₹76.93 lakhs. On **10th October 2024**, the **Department of Physics** conducted a **National Seminar on Emerging Trends in Materials Science**, while on **17th October 2024**, the **Faculty of Management Studies (FMS)** hosted a **National Conference on Innovation in Business Practices**. The **Department of Mechanical Engineering** organised the **Conference on Advances in Engineering and Technology** on **21st October 2024**, followed by a **Workshop on Artificial Intelligence in Real-world Applications** by the IT Department on **12th November 2024**. On **18th November 2024**, the **Department of Biomedical Engineering** convened a **Symposium on Healthcare Innovations**, and on **6th December 2024**, the **Department of Computer Applications** hosted the **International Conference on Computing and Communication Technologies** with nationwide participation.

In the new year, academic discourse continued with the **Management Meet** hosted by FMS on **28th January 2025**, the **National Conference on Aerospace Innovations** by the Aeronautical Engineering Department on **17th February 2025**, the **Civil Engineering Seminar on Sustainable Construction Practices** on **20th February 2025**, and the **Workshop on Nanomaterials for Biomedical Applications** by Nanotechnology on **22nd February 2025**.

From **March to June 2025**, NICHE intensified its academic initiatives. The **Department of Multimedia and Film Technology** inaugurated the season with

an **International Seminar on Aesthetics in Cinema** on 20th March 2025. The **Civil Engineering Department** held the **RIF'25 National Conference** on 27th March 2025, a **Guest Lecture** on 29th April 2025, and an **Alumni Interaction** on 23rd May 2025. The **Aeronautical, Aerospace, and AME Departments** jointly hosted the **AERO NOVA Exhibition** on 7th April 2025, the **NCAST 2025 Conference** on 22nd April 2025, the **RIAT 2025 Symposium** on 29th April 2025, and an **FDP** from 26th–30th May 2025.

April 2025 also witnessed the **National Health Symposium** organised by Allied Health Sciences on 30th April 2025, and the **International Conference on Recent Advances in Engineering, Science and Technology** by Biomedical Engineering on 29th April 2025. On 23rd May 2025, the Department followed up with a **PDP on AI in Cardiac Technology**. The **Computer Science and IT Departments** conducted the **TECHNORA Symposium** on 25th April 2025, the **FOCS International Conference** on 2nd May 2025, an **International IT Conference** on 2nd–3rd May 2025, and **FDPs** between 19th and 23rd May 2025.

The **Electronics and Communication Engineering Department** conducted the **ICETEAS 2025 International Conference** on 3rd–4th April 2025 and an **FDP on Bioimaging and Signal Processing** from 26th to 30th May 2025. Similarly, the **Electronics and Instrumentation Engineering Department** hosted the **ICCICCT 2025 Conference** on 24th–25th April 2025, followed by its **FDP** in late May.

The **Mathematics Department** organised the **INAIGA 2025 International Conference on Artificial Intelligence in Graph Theory** on 28th May 2025, supported by an **FDP** between 26th and 31st May 2025. The **Mechanical Engineering Department** hosted the **NCRAET 2025 National Conference** on 23rd April 2025 and its **FDP** from 26th to 31st May 2025. The **Department of Physics** enriched the discourse further with a **Workshop** on 14th May 2025, a **Symposium** on 16th May 2025, and an **International Conference on Emerging Trends in Materials Science** on 29th May 2025.

The **Faculty of Management Studies** organised a **National Conference on Green Management Practices** on 15th April 2025, conducted an **FDP** on “**Academics @2047**” from 23rd–29th April 2025, and closed the season with a **Business Symposium** on 29th–30th May 2025. The **Department of Multimedia**

and Film Technology concluded with its flagship event, **MEFIVA 2025**, held from **20th–23rd May 2025**.

Faculty Achievements

NICHE faculty continued to distinguish themselves with excellence in research and professional recognition. On **22nd October 2024**, **Dr. J.P. Jayan** of the Computer Science Department received the **Best Paper Award** at the International Conference on Artificial Intelligence in Bengaluru. In **November–December 2024**, faculty from the Mechanical Engineering Department published **three Scopus-indexed papers** on manufacturing technologies. On **5th December 2024**, two faculty from Allied Health Sciences served as **resource persons** in a national seminar on Clinical Audiology.

Between **January and February 2025**, twelve faculty across FMS, Engineering, and Applied Sciences completed **AICTE-recognised FDPs**, while senior faculty were nominated to serve on editorial review boards of reputed journals.

In the same period, **Civil Engineering faculty** secured **two patents, one copyright, and Scopus-indexed publications**. **Biomedical Engineering faculty** achieved patents, consultancy projects, and publications, while **Ms.Lisha Daniel** submitted a neuroscience research grant to IBRO. The **Chemistry Department** filed **five patents**, including a granted design patent, and published book chapters.

Between **April and June 2025**, **Nanotechnology faculty** received *Research Excellence Awards*, published SCI-indexed journal papers, contributed book chapters, and presented at international forums. Faculty of **Electronics and Communication Engineering** produced **three SCI-indexed papers** and **38 conference publications**, earning recognition at NICHE Ascend 2025 on **4th June 2025**. The **FMS faculty** published **26 papers**, and three faculty members — **Dr.Janardhanan, Dr.Asha K., and Dr.Jubi R.** — were honoured with national-level awards in **May 2025**. Across disciplines, faculty enhanced credentials through FDPs, NPTEL/SWAYAM certifications, and contributions as reviewers and resource persons.

Students Achievements

NICHE students continued to excel in academic, cultural, research, and sports arenas. On **22nd June 2024**, the Women's Volleyball Team secured **Runner-up** at the Boothapandi State-Level Tournament, with **Captain J. Infant Sherin** named *Best Attacker*. On **7th October 2024**, CSE students won **First Prize in a National Hackathon** hosted by Anna University, Chennai. On **15th November 2024**, Aeronautical Engineering students earned recognition for a UAV project at a national symposium, and on **20th December 2024**, Multimedia and Film Technology students won awards for short films and digital editing at an intercollegiate fest.

In **January 2025**, final-year students secured placements with leading recruiters including TCS, Infosys, Wipro, and L&T. On **24th February 2025**, students received awards for innovative models at the **National Science Day Exhibition**.

Between **March and June 2025**, student achievements intensified. In **April 2025**, E&C students won **First Prize at INNOVISTA 2025**, and one student was awarded the Steve Jobs Scholarship. Aeronautical and AME students showcased projects at AERO NOVA and NCAST 2025, winning medals at the Tamil Nadu State Championship. Students of Allied Health Sciences won **Best Paper Awards** at national conferences. CSE and IT students excelled in hackathons, coding competitions, and placements with Tech Mahindra, PB InfoTech, TCS, Infosys, and Wipro. **Biomedical Engineering students** achieved **100% placement** for final-year batches, while **Physics students** won **First Prize in the Intra-University Quiz 2025**. Multimedia and Film Technology students gained recognition at **MEFIVA 2025**. Software Engineering students secured placements, internships, and cultural achievements.

On **16th June 2025**, the Women's Volleyball Team once again brought laurels to NICHE with a **state-level victory**.

In conclusion, the academic year 2024–25 has been a period of remarkable growth and achievement for NICHE, marked by outstanding progress in research, patents, and publications, along with strong placement records and corporate social responsibility initiatives. The University has celebrated a rich calendar of

national and international observances, fostering values of social awareness, patriotism, and sustainability. A wide array of academic conferences, seminars, and workshops provided platforms for knowledge creation and dissemination, while faculty and students alike distinguished themselves through research, innovation, awards, and recognition at state, national, and international levels. These collective accomplishments reflect NICHE's commitment to excellence in academics, research, and societal development. With this momentum, NICHE is poised to reach even greater heights in the years ahead.

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(Prof. of English & Former Principal, Scott Christian College –
Autonomous, Nagercoil), Dean – Academic Affairs,
Annai Velankanni College of Engineering, Alagappapuram Post,
Kanyakumari District.

Fire Technology and Safety Engineering

1. Mr. I. James Dhinakaran Williams,
Associate Professor & HoD,
Department of Fire Technology & Safety Engineering,
NICHE.
2. Dr. M. Dev Anand,
Professor & Dean, Director R & D,
Department of Mechanical Engineering, NICHE.
3. Dr. R. Rajesh, Assistant Professor,
Department of Fire Technology & Safety Engineering,
NICHE.
4. Dr. S. Jenkins Hexley Dhas,
Assistant Professor,
Department of Fire Technology & Safety Engineering,
NICHE.
5. Dr. V. Mago Stalany,
Assistant Professor,
Department of Fire Technology & Safety Engineering,
NICHE.
6. Dr. N. Jawahar,
Dean — R & D,
PSNA College of Engineering and Technology, Dindigul,
Former Dean, Research,
Thiagarajar College of Engg.,
Madurai.
7. Dr. S. Anandan,
Scientific Officer CMM - Works,
KKNPP.

Information Technology

1. Dr. R. Mathusoothana S. Kumar,
Chairman and HoD,
Information Technology
Department, NICHE.
2. Prof. A. R. Subramonia Iyer,
Professor,
Cyber Security,
NICHE.
3. Dr. A. Shajin Nargunam,
Dean – Faculty of Information and Computer Engg.,
NICHE.
4. Dr. S. Maria Celestin Vigila,
Associate Professor,
Department of Information Technology,
NICHE.
5. Dr. V. Mary Amala Bai,
Associate Professor,
Department of Information Technology,
NICHE.
6. Dr. T. Brindha,
Associate Professor,
Department of Information Technology,
NICHE.
7. Dr. M. B. Jayalekshmi,
Assistant Professor,
Department of Information Technology,
NICHE.
8. Dr. T. V. Sindia,
Assistant Professor,
Department of Information Technology,
NICHE.
9. Ms. Leena S. Watson,
Assistant Professor,
Department of Information Technology,
NICHE.
10. Mr. G. Sujin,
Salesforce Consultant,
Finesse IT Labs
Pvt. Ltd.,
Bangalore - 560 102.

11. Mr. C. Balan,
Joint Director,
Centre for Development of Advanced Computing (C-DAC),
Vellayambalam,
Thiruvananthapuram,
Kerala State – 695 033.
12. Dr. P. Yogesh,
Professor,
Department of Information Science and Technology,
Anna University,
Chennai – 600 025.

Faculty of Management Studies

1. Dr. R. Jubi,
Professor & Head,
Department of Management Studies, NICHE.
2. Dr. K. A. Janardhanan,
Dean – Faculty of Management Studies, NICHE.
3. Dr. D. Kinslin,
Professor,
Department of Management Studies, NICHE.
4. Dr. R. Radhika,
Associate Professor,
Department of Management Studies, NICHE.
5. Dr. V. P. Velmurugan,
Associate Professor,
Department of Management Studies, NICHE.
6. Dr. K. Asha,
Assistant Professor,
Department of Management Studies, NICHE.
7. Dr. R. Kavitha Rani,
Assistant Professor,
Department of Management Studies, NICHE.
8. Dr. A. S. Manoj,
Head – Corporate Relations,
ICT Academy of Kerala
9. Dr. Sanjay Bhaskaran,
Professor & HoD,
AIIMS,
University of Kerala.
10. Dr. N. Rajalingam, Professor,
M.S. University, Tirunelveli.

Mathematics

1. Dr. K. Uma Samundesvari,
Associate Professor and Head,
Department of Mathematics, NICHE.
2. Dr. B. Bindhu,
Dean – Science and Humanities,
NICHE.
3. Dr. T. M. Selvarajan,
Associate Professor,
Mathematics Department,
NICHE.
4. Dr. P. Nageswari,
Assistant Professor,
Mathematics Department,
NICHE.
5. Dr. K. Uma Devi,
Assistant Professor,
Department of Mathematics, NICHE.
6. Dr. D. Sheeba Singh,
Assistant Professor,
Department of Mathematics, NICHE.
7. Dr. M. Sudha,
Assistant Professor,
Department of Mathematics, NICHE.
8. Dr. J. John Arul Singh,
Assistant Professor,
Department of Mathematics, NICHE.
9. Mr. G. Victor Jeyachandra,
Assistant Professor,
Department of Mathematics, NICHE.
10. Dr. R. Kala,
Professor,
Department of Mathematics,
Manonmaniam Sundaranar University,
Tirunelveli.
11. Dr. P. Titus,
Professor,
Department of Mathematics,
University College of Engineering,
Nagercoil - 629 004.

Mechanical Engineering

1. Dr. R. Rajesh,
Associate Professor and HoD,
Department of Mechanical Engineering,
NICHE.
2. Dr. M. Dev Anand
Dean & Director Research,
NICHE
3. Dr. G. M. Joselin Herbert,
Professor,
Dept. of Mechanical Engineering,
NICHE.
4. Dr. N. Ramasamy,
Associate Professor,
Dept. of Mechanical Engineering,
NICHE.
5. Dr. R. Ramesh Palappan,
Assistant Professor,
Department of Mechanical Engineering,
NICHE.
6. Dr. A. Unnikrishnan,
Assistant Professor,
Department of Mechanical Engineering,
NICHE.
7. Dr. P. Jerold Jose,
Assistant Professor,
Department of Mechanical Engineering,
NICHE.
8. Dr. T. Judson Durai,
Assistant Professor,
Department of Mechanical Engineering,
NICHE.
9. Dr. P. Berlin Push,
Assistant Professor,
Department of Mechanical Engineering,
NICHE.
10. Dr. N. Jawahar Dean (R & D),
PSNA College of Engineering and Technology,
Dindigul – 624 622..
Former Dean, Research,
Thiagarajar College of Engg.,
Madurai – 625 015.

11. Dr.M. Herbert Raj,
Lead Analyst, Lennox India
Technology Centre, Unit.No:2,
Zenith Building, 5th floor,
Ascendes IT Park, Tharamani
Road,
Chennai – 600 113.

Multimedia and Film Technology

1. Dr. Ciby S Kumar,
Assistant Professsor, HoD i/c.,
Department of MFT
NICHE
2. Dr.Sundararaman V.,
Assistant Professor,
Department of Communication,
Manonmaniam Sundaranar University,
Thirunelveli
3. Dr.Paul T Benziker,
Assistant Professor & HoD
Department of Visual Communication Nehru Arts & Science College,
Thirumalayampalayam,
Coimbatore
4. Mrs. Kavitha V,
Assistant Professor,
Department of MFT,
NICHE
5. Mr. Salin Dhas C S,
Assistant Professor,
NICHE

Nanotechnology,

1. Dr. P. K. Praseetha,
Professor & Head,
Department of Nanotechnology,
NICHE.
2. Dr. M. Murugan,
Dean – Faculty of Technology,
NICHE.
3. Dr. T. K. Sreeja,
Associate Professor,
Department of Nanotechnology,
NICHE.

4. Dr. R. S. Rimal Isaac,
Associate Professor,
Department of Nanotechnology,
NICHE.
5. Dr. K. Tamilarasi,
Assistant Professor,
Department of Nanotechnology,
NICHE.
6. Dr. S. Suresh,
Assistant Professor, Senior Grade,
Department of Mechanical Engineering,
University College of Engineering,
Nagercoil – 629 004.

Physics

1. Dr. B. Bindhu,
Professor & Head Department of Physics,
NICHE.
2. Dr. V. N. Meena Devi,
Associate Professor,
Department of Physics,
NICHE.
3. Dr. C. Sagi Rani,
Assistant Professor,
Department of Physics,
NICHE.
4. Dr. N.Y. Sugirtha Suni,
Assistant Professor,
Department of Physics,
NICHE.
5. Dr. K. Iyakutti,
Professor of Physics,
SRM University,
Chennai.
6. Dr. B. Sundarakannan,
Professor & Head,
Department of Physics,
Manonmaniam Sundaranar University,
Tirunelveli.
7. Dr. Tarun Kumar Pant ,
Scientist 'SG' Head,
ITMP Space Physics Laboratory,
Vikram Sarabhai Space Centre (VSSC),
Thiruvananthapuram – 695 022

Software Engineering

1. Dr. J. P. Jayan,
BoS Chairman and HoD,
Software Engineering Department,
NICHE
2. Dr. M. K. Jeya Kumar,
Dean – Faculty of Computer Science,
NICHE
3. Dr. J. Charles, Associate Professor,
Software Engineering Department,
NICHE
4. Dr. P. V. Samuel Blessed Nayagam,
Associate Professor,
Software Engineering Department,
NICHE.
5. Dr. S. Jerine,
Associate Professor,
Software Engineering Department,
NICHE
6. Dr. R. I. Heaven Rose,
Associate Professor,
Software Engineering Department,
NICHE
7. Dr. V. Alan Gowri Phivin,
Assistant Professor,
Software Engineering Department,
NICHE
8. Dr. R. S. Rajesh,
Professor,
Department of Computer Science and
Engineering, Manonmaniam Sundaranar
University,
Tirunelveli – 627 012.

NAME OF THE DEPARTMENT: AERONAUTICAL ENGINEERING

1. Department Details :

Name of the Faculty	Faculty of Aeronautical and Space Technology
Name of the HoD, Phone No. and E-mail ID	Dr.B. Stanly Jones Retnam, 9442291989 bsjsjr@gmail.com
Year of Establishment	2004
Telephone Number	
Website / E mail	

2. Details of Faculty Members and Supporting staff :

S. No.	Name of the Faculty Members and Supporting staff	Qualification	Designation	Specialisation	Experience in years		E-mail ID &Phone/Cell Phone No.
					Teaching	Research	
1.	Dr.R.C.Mehta	B.E.,M.S., Ph..D.	Prof & Dean	Aerodynamics,C FD	18	42	9744114267 drakhab.mehta@gmail.com
2.	Dr.B.Stanly Jones Retnam	B.E.,M.E., Ph..D., MBA	Associate Professor & HOD	Composite Materials	8	11	9442291989 bsjsjr@gmail.com
3.	Dr.R.R.Neela Rajan	B.E., M.E., PhD	AP	Engineering Design	12	8	neelarajan@niuni v.com 7708831981
4	Dr.V.Antony Vincent	A.M.Ae.S.I., A.M.I.E., M.E., Ph.D.	AP	Aerodynamics, Composites	10	5	9442711396 vantonyaero79@gmail.com
5	Dr.A.Anukuttan	B.E.,M.E., Ph.D.	AP	Heat Transfer , Composites	5	2	8098005966 anukuttan95@gmail.com
6	Mrs.A.Aneesha	B.E.,M.E.	AP	Thermodynamics, propulsion	3	-	9566398607 aneeshaaero19@gmail.com
7	Mr.G.Abinicks Raja	B.E., M.E.	AP	Thermodynamics, Heat Transfer Propulsion	3	-	7845921220 gabinicksraja@gmail.com

3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		Chapters/ Books		API		Ph.D. awarded		Cumulative Scholars
		24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	Ph.D.
1.	Dr.R.C. Mehta	2	13	2	97	36	667							
2.	Dr. B.Stanly Jones Retnam	4	13	3	34	40	470	1	4					12
3.	Dr.R.R.NeelaRajan	-	3	-	21	7	33							1
4	Dr.V.Antony Vincent	1	2	1	2	22	44							
5	Mr.A.Anukuttan	1	2	1	2	12	20							
6	Mrs.S..Aneesha	-	-	-	-	-	-							
7	Mr. G.Abinicks Raja	-	-	2	2	-	-							

4. Research Schemes/Projects undertaken and applied for : Nil

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1	-	-	-	-	-	-
2						

5. a) Participation of the Faculty members, presentation of papers in Congresses/Conferences/Seminars/Workshops, Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/Seminar/Workshop and Venue	Title of the paper	Date
1	Dr.B. Stanly Jones Retnam	International conference on Eco - friendly fibers and polymeric materials EFPM2024	Development and characterization of spray pyrolysis Nickel coated natural bamboo fiber Reinforced polymer composite	November 2024
	Dr.B. Stanly Jones Retnam	International conference on	Wear performance of microwave annealed	March 2025

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Date
		Science Technology Engineering and management (ICSTEM 25)	electroless NI-P-TiO ² composite coating on low carbon steel	
	Dr.B. Stanly Jones Retnam	National conference on aviation and space technology NCAST 2025	Corrosion and wear behaviour of heat treated, ZrN and ZrO ² physical vapour	April 2025
2	Dr.R.R. Neela Rajan	National conference on aviation and space technology NCAST 2025	Mahua oil as an alternate fuel: Potential ,Benefits and challenges for sustainable energy solutions	April 2025
3	Dr.V. Antony Vincent	National conference on aviation and space technology NCAST 2025	Advancing the use of natural fiber composite materials in Aerospace: Innovations, Benefits and challenges	April 2025
4	Dr.A Anu Kuttan	National conference on aviation and space technology NCAST 2025	Mechanical properties of Al6061 alloys integrated with Titanium carbide by stir casting process	April 2025
5	S. Aneesha	National conference on aviation and space technology NCAST 2025	The experimental investigation of carbon and jute fiber -reinforced epoxy composite in aviation application	April 2025
6	Mr. G. Abinicks Raja	National conference on aviation and space technology NCAST 2025	Mixing characteristics of an elliptic jet issued from an under expanded nozzle	April 2025

b) Foreign Faculty/Expert visit to the Department: Nil

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1	-	-	-	-	-
2					

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty member	Role	Event	Title	Venue & Date
1	Dr.B. Stanly Jones Retnam	Chief Guest / Key note Speaker	International conference ICGMES2024	Green Technology & management for Environment Sustainability	Narayanaguru college of engineering , Manjalumoodu & 30.08.2024

S. No.	Name of the Faculty member	Role	Event	Title	Venue & Date
2	Dr.V. Antony Vincent	Key note Speaker	NCC - ATC Camp	Basic Aeronautics & Drone Technology	Vivekanandha Arts College, Kanyakumari & 14.06.2025
		Key note Speaker	Professional Development Program	Yoga and Health Science	NICHE & 27.7.2024
3	Mr.G Abinicks Raja	Key note Speaker	Guest lecture	Aircraft Design	SATYAM college of Engineering and Technology & 04.04.2025
	Mr.G Abinicks Raja	Key note Speaker	Guest lecture	Aircraft Design	SATYAM college of Engineering and Technology & 23.05.2025

7. Details of Seminars, Conferences, Refresher courses, Webinars Organised :

S. No.	Name of the Faculty member	Congress/Conference/ Seminar/ Workshop/ Symposia, Webinars etc. organized	State/National/ International Level	Date
1	Dr.V.Antony Vincent	Professional Development Program on Yoga and Health Science	National	27.7.2024
2	Dr.R.R.Neela Rajan	International Seminar on Career Guidance on Aircraft Maintenance	International	29.7.2024
3	Dr.V.Antony Vincent	Workshop on Health and Hygiene	National	13.8.2024
4	Dr.R.R.Neela Rajan	National Seminar in celebration of National space day 2K24	National	14.8.2024
5	Mrs.A.Aneesha	IDEATHON 2K24	National	19.8.2024
6	Mrs.A.Aneesha	Space Day 2024 Celebration	National	23.8.2024
7	Dr.B.Stanly Jones Retnam	Guest Lecture on Employability Skills & Challenges	National	10.9.2024
8	Dr.R.R.Neela Rajan	Onam Celebration 2024	National	12.9.2024
9	Dr.V.Antony Vincent	National Seminar on Core Elements of Drone Technology	National	7.10.2024
10	Dr.B.Stanly Jones Retnam	One Day Workshop on Hands-on Drone Building and Flying	National	9.10.2024
11	Mrs.A.Aneesha	Industrial Visit Indian Naval Aviation Museum, Aviation Services and Kinco Kaman Composite Structure in Goa.	National	24.10.2024 To 29.10.2024
12	Dr.R.R.Neela Rajan	Career Guidance Program on "Career Prospects in Aeronautical Engineering"	National	15.11.2024
13	Dr.B.Stanly Jones Retnam	Project Expo	National	28.11.2024
14	Dr.V.Antony Vincent	Alumni Meet 2024	National	27.12.2024

S. No.	Name of the Faculty member	Congress/Conference/ Seminar/ Workshop/ Symposia, Webinars etc. organized	State/National/ International Level	Date
15	Dr.V.Antony Vincent	Pongal Festival	National	11.1.2025
16	Dr.R.R.Neela Rajan	Inaugural Ceremony of NAMAS, AERO SAMRUDHI & AERO NOVA PROGRAMMES	National	5.2.2025 (FN)
17	Mrs.A.Aneesha	Guest Lecture of Aero NAMAS Program "Principles of Management ISRO & Industrial Perspective"	National	5.2.2025 (AN)
18	Mr.G.Abinicks Raja	Visit to BRAHMOS	National	8.2.2025
19	Dr.V.Antony Vincent	Extension Activity on "Say No to Plastics"	National	13.2.2025
20	Dr.R.R.Neela Rajan	Guest Lecture of Aero Samrudhi Program "Heat Transfer in Space Applications"	National	28.2.2025
21	Dr.V.Antony Vincent	Visit to BRAHMOS	National	
22	Dr.V.Antony Vincent	Alumni Interaction on "Opportunities in Structural Design".	National	17.3.2025
23	Dr.B.Stanly Jones Retnam	Seminar with Inauguration Ceremony of Student Chapter of NDT Society (ISNT) at NICHE	National	21.3.2025
24	Mr.G.Abinicks Raja	Advancements in CADD Technology for Aerospace Engineering	National	26.3.2025
25	Dr.B.Stanly Jones Retnam	INNOVISTA 2025 Tech fest	National	7.4.2025
26	Dr.B.Stanly Jones Retnam	National Conference on Aviation and Space Technology 2025 (NCAST 2025)	National	22.4.2025
27	Dr.V.Antony Vincent	Technical Symposium on "Recent Innovations in Aerospace Technology 2025" (RIAT-2025)	National	29.4.2025
28	Dr.B.Stanly Jones Retnam	Online FDP on Next Generation Aerospace and Manufacturing Technologies	National	26.5.2025 To 30.5.2025

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/ SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
1.	Dr.B. Stanly Jones Retnam	Evaluation of Fuel Consumption and Exhaust Emissions in a Single Cylinder Four-Stroke Diesel	NESciences ISSN: 2458-8989		2024	326-334

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
		Engine Using Biodiesel Derived from Chicken Waste with Additives				
2	Dr.B. Stanly Jones Retnam	Comparative Analysis of Flexural Properties of Bamboo-Glass Hybrid FRP Composites: Influence of Water Absorption	NESciences ISSN: 2458-8989		2024	441-448
3	Mr. G.Abinicks Raj	Cause of varying the primary jet exit mach number in a coaxial jet maintained at a constant secondary jet exit mach number			2024	020047

9. Details of patents applied/awarded: Nil

S.No.	Name of the Faculty member	Title	Date of filing	Application No.	Award No.
-	-	-	-	-	-

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1	Mr.G Abinicks Raja	National conference on aviation and space technology NCAST 2025 978-81-972950-9-6	CHITHRAM publications	2025
2.	Dr . A. Anu Kuttan	Propulsion pioneer : innovations in aerospace 978-81-973181-2-2	Scicrafthub Publication, Thane, Mumbai, Maharashtra,	2025
3.	Mrs. S. Aneesha	Propulsion pioneer : innovations in aerospace 978-81-973181-2-2	Scicrafthub Publication, Thane, Mumbai, Maharashtra,	2025

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO.	Name of the Programme / Branch of study	Sancti oned Stren gth	Enrolment during 2024-25		Tota l	Community														Existing Students, Strength								Pass Percent age of out going batch
			F	M		OC		BC		BCM		MBC/ DNC		SC		SCA		ST		II year		III year				IV year		
						M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	UG Programme		9	8	17	-	-	8	8	-	-	-	-	-	1	-	-	-	-	6	6	4	-	7	4	55%		
	PG Courses		1	1	2	-	-	1	1	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-			
	Ph.D Programme																											
	Diploma Certificate add on Courses (if any)																											
	MOOC/SWA YAM/NPTEL/ UGC online courses offered																											
	Total																											

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	
1.	S3 BE	India	Kerala	6	8	14
2.	S5 BE	India	Kerala	3	1	4
3.	S7 BE	India	Kerala	1	0	1

13. U.G./P.G. and Research degrees awarded:

S. No	UG		P.G.		Ph.D.		
		Total		Total	FT	PT	Total
1.	11	6	2	0	0	0	0

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded : Nil

S. No.	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1	-	-	-	-	-

15. Scholarships Awarded: Nil

S. No.	Nature of Scholarship	P.G.		Ph.D.		Total Amount Rs.
		M	F	M	F	
1	B.C.(State)					
2	B.C.M.(State)					
3	M.B.C./D.N.C.(State)					
4	SC/SCA/ST(National)					
5	SC/SCA/ST(State)					
6	AICTE/UGC Scholarships					
7	Management Scholarships					
8	Loan Scholarship					
9	Moovalur Ramamirtham Ammaiyar Scheme					
10	'Pudhumai Penn' (modern woman)					
11	Tamiz Puthalvan					
12	Others (please Specify the scholarship)					
	Total					

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s
1.	B.E. Degree	17	8	17	8	12	8	12	9	4	2	4	1	11	6	11	6
2	M.E. Degree	2	2														

17. Placement Details:

Name of the Placement co-ordinator: Dr.V.Antony Vincent			
Phone/Mobile Number :e-mail:vantonyaero79@gmail.com			
Number of Placement Programmes:			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	2	3
2	Number of Placements obtained through Campus Interview	2	3
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	5/11 = 45.45 %	

18. Outstanding achievements by the Faculty Members: Nil

S. No.	Name of the Faculty	Achievements	Agency
1.	Dr.B.Stanley Jones Retnam	Reviewer of Renewable Energy	ELSEVIER
2.	Mr. Abinicks Raja G	Reviewer	Journal of Thermal Engineering

19. Outstanding achievements by Students:

S.No.	Name of the Student	Achievements	Agency
1	S.Swasthy	Best academic Excellance award	NICHE
2	Bansod mrunal girdhari	Technical project , 1 st position	NICHE
3	Mohamed Ansar	Technical project , 1 st position	NICHE
4	Harini S	Technical project , 1 st position	NICHE
5	Ashlin J Lal	Essay writing, 2 nd position	NICHE
6	Mohammed naahid Hussain	Best technical project	NICHE
7	Meenu.V.M	Hammer throw , 1 st place	NICHE
		Triple jump , 3 rd place	
9	Sree lekshmi S.B	High jump , 2 nd place	NICHE
		Throw ball , 1 st place	
		Kabadi , 1 st place	

**20. Department Meetings Held :
BOS,Programe Committee, Course Committee etc.**

S.No	Name	Date
1.	BOS	20.1.2025 2.6.2025
2	Programe Committee	1.8.2024 28.8.2024 23.9.2024 7.10.2024 7.11.2024 18.11.2024 10.2.2025 20.2.2025 14.3.2025 17.3.2025 5.5.2025

S.No	Name	Date
3	Course Committee	7.2.2025 12.3.2025 24.4.2025
4	Others	-

21. Infrastructure and Research facilities available (Please specify equipments more than Two Lakhs Only) :

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/ Others	Quantity	Purpose Research/Practical
1.	Aircraft Structures Lab	12 inch diffused polariscope	1	Both
2.	Composite Materials Lab	MIG Welding	1	Both

22. Extension activities carried out : -

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	NSS	-	-	-
2	NCC	-	-	-
3	YRC	-	-	-
4	Community engagement	Say "NO" to Plastics	13.2.2025	Udayagiri Fort, Kumaracoil.
5	Government Programmes	Independence Day	15.8.2024	Aero Premises, NICHE
6	National and International days observed	National Space Day	23.8.2024	Hill Top Auditorium, NICHE
7	Others	-	-	-

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library:

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	942	7	No. of titles available	3
2	Books added during the year 2021-22	--	8	No. of CDs and Digital Books Available	3
3	No. of Indian Journals/Magazines	---	9	No. of Foreign Magazines/Journals	6
4	No. of data bases available	---	10	No. of Online Journals	5
5	Average No. of students visiting the Library per day	5	11	Average No. of books Issued per day	5
6	Availability of Internet (Specify the Capacity) (e.g. – 8 Mbps etc.,)	Yes	12	Availability of Language Lab	---
			13	NDL membership 1. Faculty members 2. Students	Nil

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.
-	-	-	-

25.Collaborative Researches : -**26.Consultancies undertaken : -****27.No. of NET/SET/GATE/CSIR Other Compentetive Examinations Qualified students: -****28. MOUs signed :**

S.No	Date	MoU signed with	Number of Activities	Remarks
1.	18.8.2024	Entudio (PVT) Ltd., Tirunelveli.	-	-
2.	7.11.2024	SONOVISION AETOS, India RELATING TO Tech Data Training and Curriculum Assistance	-	-

29. Innovations and Best Practices :

S.No	Innovation and Best Practices	Name of the Programme	Date
1	ICT tools used		
2	Teaching and learning initiatives		
4	Eco friendly and sustainable practices	Professional Development Program on Yoga and Health Science	27.7.2024
		Workshop on Health and Hygiene	13.8.2024
5	Industrial and Academic connect activities		

30. Academic Flexibility :

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed
-	-	-	-	-

31. Membership in professional bodies:

S.No	Name of the Professional Body	No. of members
-	-	-

32. Alumni Meetings held:

S.No	Date	Purpose
1	27.12.2024	The purpose of the alumni meet is to build strong relationship between passed out students and staff members to keep in touch for sharing status of career and further updates.
2	17.3.2025	The purpose of the alumni is to allow alumni to connect with each other, share professional insights, and create new career opportunities. Alumni interaction encourages former students to contribute to the institution through donations, volunteering, or sharing resources and expertise.

33. Any other Information:

NAME OF THE DEPARTMENT: AEROSPACE ENGINEERING**1. Department Details:**

Name of the Faculty	Aeronautical and Space Technology
Name of the HoD, Phone No. and E-mail ID	Dr. G.M. Joselin Herbert, +919442381611 joselinherbert@niuniv.com
Year of Establishment	2009
Telephone Number	-
Website / E mail	https://www.niuniv.com/department.php?of=aerospace-engineering / aerospace@niuniv.com

2. Details of Faculty Members and supporting staff:

S. No.	Name of the Faculty Members and Supporting staff	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
1	Dr.G.M. Joselin Herbert	Ph.D	Prof/Head	Thermal Engineering	27	20	joselinherbert@niuniv.com 9442381611
2	Dr.L.M. Karthikeyan	Ph.D	Assistant professor	Avionics	14	1	lmlarthikeyan@niuniv.com 9865547716
3	Mr. B.V. Subhanandh	ME	Assistant professor	Automobile	12	-	subhanandh@niuniv.com 9597336865
4	Mrs.W.K. Anitta	ME	Assistant professor	Aeronautical	3	2	anittawk@niuniv.com 9487439085
5	Mrs.M. Stefaniya	ME	Assistant professor	Aeronautical	1	-	stefaniya@niuniv.com 8870573768
6	Mr.N .SatheshRaja	ME	Assistant professor	Aeronautical	11	1	satheshraja99@gmail.com 9789783789

S. No.	Name of the Faculty Members and Supporting staff	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
7	Mr.S.Srikumar	BE	Lab Assistant	ECE	16	-	sreekumarniu@gmail.com 9894598181

3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		Chapter s/ Books		API		Ph.D. awarded		Cumulative Scholars
		24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	Ph.D .
1	Dr.G.M. JoselinHerbert	11	12	2	78	412	2712	2	6	530	5343	-	4	3
2	Dr.L.M. Karthikeyan	-	3	1	31	2	37	1	2			-	-	-
3	Mr. B.V. Subhanandh	-	-	-	-	-	-	-	-					
4	Mrs.W.K. Anitta	-	-	-	-		-	-	-	-	-	-	-	-
5	Mrs.M. Stefaniya													
6	Mr.N . Sathesh Raja													

4. Research Schemes/Projects undertaken and applied for : Nil

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1						

5. a) Participation of the Faculty members, presentation of papers in Congresses/Conferences/Seminars/Workshops, Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/ Seminar /Workshop and Venue	Title of the paper	Date
1	Dr.G.M. Joselin Herbert	National conference on Recent Advances in Engineering and Technology - 2025, Department of Mechanical Engineering, NICHE	Performance analysis of Diesel Engines using Tamarind Biodiesel Blends	23-Apr-25

S. No.	Name of the Faculty	Congress/Conference/ Seminar /Workshop and Venue	Title of the paper	Date
2	Dr.G.M. Joselin Herbert	National conference on Recent Advances in Engineering and Technology - 2025, Department of Mechanical Engineering, NICHE	Investigation of Thermal Engineering Storage system with PCM based Nanofluids	23-Apr-25
3	Dr.G.M. Joselin Herbert	National conference on Recent Advances in Engineering and Technology - 2025, Department of Mechanical Engineering, NICHE	Analysis of Solar Parabolic Trough Collector	23-Apr-25
4	Dr.G.M. Joselin Herbert	National conference on Recent Advances in Engineering and Technology - 2025, Department of Mechanical Engineering, NICHE	Design of Solar Parabolic Trough Collector	23-Apr-25
5	Dr.L.M. Karthikeyan	National Conference on Aviation and Space Technology	Psychological Interventions for minimising Human Errors in Aviation	22-04-2025
6	Mr. B.V. Subhanandh	National Conference on Aviation and Space Technology (NCAST 2025)	Experimental Investigation of Drone Performance in a Wind Tunnel Environment	22-04-2025
7	Mrs.W.K. Anitta	National Conference on Aviation and Space Technology (NCAST 2025)	Analysis of Temperature distribution on an Atmosphere Re entry module along its Flight Trajectory	22-04-2025
8	Mrs.M. Stefaniya			
9	Mr.N .SatheshRaja			

b) Foreign Faculty/Expert visit to the Department: Nil

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1					

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty member	Role	Event	Title	Venue & Date
1	Dr.L.M.Karthikeyan	Chief Guest	Guest Lecture	Design of UAV Systems	Online & 13.02.2025
2	Dr.G.M. JoselinHerbert	Chair Person for Paper Presentation	National conference	Recent Advances in Engineering and Technology - 2025	Department of Mechanical Engineering, NICHE 23.04.2025

7. Details of Seminars, Conferences, Refresher courses, Webinars Organised:

S. No.	Name of the Faculty member	Congress/Conference/Seminar/ Workshop/Symposia , Webinars etc. organised	State/Nat ional/ Internatio nal Level	Date
1	Dr.G.M. JoselinHerbert	National conference on “Recent Advances in Engineering and Technology – 2025”	National	23-04-2025
2	Dr.L.M. Karthikeyan	National Conference on Aviation and Space Technology	National	22-04-2025
3	Mr. B.V. Subhanandh	National Conference on Aviation and Space Technology	National	22-04-2025
4	Mrs.W.K.Anitta	National Conference on Aviation and Space Technology	National	22-04-2025
5	Mrs.W.K.Anitta	One day workshop on Aerodynamic analysis of a RC plane using XFLR5	State Level	12-11-2024
7	Mrs.M. Stefaniya	National Conference on Aviation and Space Technology	National	22-04-2025
8	Mr.N .SatheshRaja			

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/SCI/UGC care	Volume No. Issue No.	Year of Publication	Page (pp)
1	Dr.G.M. Joselin Herbert	Feasibility analysis of solar and wind energy-powered irrigation pumping systems using reanalysis data– A case of Thiruvananthapuram district in Kerala, southwest region of India	Wind Engineering , ISSN: 0309-524X / Scopus	Vol. 49, Issue 3	2025	PP:6 32-645

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/SCI/UGC care	Volume No. Issue No.	Year of Publication	Page (pp)
2	Dr.G.M. Joselin Herbert	Enhancing Thermal Efficiency of Parabolic Trough Solar Collectors Using Copper/Syltherm 800 Nanofluid and Longitudinal Internal Fins: A Simulation-Based Study	Journal of Nanofluids, ISSN: 2169-432X / Scopus	Vol 14	2025	pp. 138–153
2	Dr.L.M. Karthikeyan	Selection of Influencing Factors on Reverse Logistics Management in Process Industries	Journal of Electronics and Informatics, e ISSN: 2582-3825	Vol 6	2024	pp 342-356
3	Mr. B.V. Subananth					
4	Mrs.W.K. Anitta					
5	Mrs.M. Stefaniya					
6	Mr.N . Sathesh Raja					

9. Details of patents applied/awarded:

S.No.	Name of the Faculty member	Title	Date of filing	Application No.	Award No.
1	Dr.G.M. Joselin Herbert	Heat Resistant Water Tank with Paraffin Protection.	04.04.2025	454218-001	-

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/ Place	Year
1	Dr.G.M. Joselin Herbert	Materials Management ISBN: 978-81-974075-7-4	SAN International Science Publications	2024
2	Dr.G.M. Joselin Herbert	Sustainable Fillers /Plasticizers for Polymer Composites, Woodhead Series in Composites Science and Engineering (2 - Significances of fillers for sustainable composite reinforcement), PP:27-56 ISBN 9780443156304	Elsevier Science Ltd	2024
3	Karthikeyan L M	Aviation Safety Management. ISBN: 979-8302078353	Independently published	2024

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO.	Name of the Programme / Branch of study	Sancti oned Stren gth	Enrolment during 2024-25		Tota l	Community														Existing Students, Strength								Pass Percent age of out going batch
			F	M		OC		BC		BCM		MBC/ DNC		SC		SCA		ST		II year		III year		IV year				
						M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
1	UG Programme	30	3	6	9	1	-	5	3	-	-	-	-	3	2	1	1	1	1	6	3	3	-	3	3	83.3%		
2	PG Courses																											
3	Ph.DProgram me																											
4	Diploma Certificate add on Courses (if any)																											
5	MOOC/SWA YAM/NPTEL/ UGC online courses offered																											
	Total																											

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	
1	B.E Aerospace Engineering	Indian	Kerala	2	1	4
			Orissa	1	-	

13. U.G./P.G. and Research degrees awarded:

S. No	UG		P.G.		Ph.D.		
		Total		Total	FT	PT	Total
1	Male	6	Male	Nil	Nil	Nil	Nil
2	Female	6	Female	Nil	Nil	Nil	Nil

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded: Nil

S. No.	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1	-	-			

15.Scholarships Awarded:

S. No.	Nature of Scholarship	P.G.		Ph.D.		Total Amount Rs.
		M	F	M	F	
1	B.C.(State)					
2	B.C.M.(State)					
3	M.B.C./D.N.C.(State)					
4	SC/SCA/ST(National)					
5	SC/SCA/ST(State)					
6	AICTE/UGC Scholarships					
7	Management Scholarships					
8	Loan Scholarship					
9	MoovalurRamamirthamAmmaiyar Scheme					
10	'Pudhumai Penn' (modern woman)					
11	TamizPuthalvan					
12	Others (please Specify the scholarship)					
	Total					

16. Performance of the Students:

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App	Pas s	App	Pas s	App	Pas s	App	Pas s	App	Pas s	App	Pas s	App	Pa ss	App	Pa ss
1	B.E ASE	9	8	9	9	9	3	9	3	3	1	3	1	6	5	6	5

17. Placement Details:

Name of the Placement co-ordinator: Mr. B.V. Subananth			
Phone/Mobile Number :e-mail: subhananth@niuniv.com 9597336865			
Number of Placement Programmes: Weekly one program			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	-	-
2	Number of Placements obtained through Campus Interview	-	-
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	-	-

18. Outstanding achievements by the Faculty Members:

S. No.	Name of the Faculty	Achievements	Agency
1	Dr.G.M. Joselin Herbert	Review on 27.06.2024	Results in Engineering, Elsevier
2	Dr.G.M. Joselin Herbert	Review on 26.07.2024	Results in Engineering, Elsevier
3	Dr.G.M. Joselin Herbert	Review on 29.08.2024	Heliyon, Elsevier
4	Dr.G.M. Joselin Herbert	Review on 28.09.2024	Results in Engineering, Elsevier
5	Dr.G.M. Joselin Herbert	Review on 19.10.2024	Heliyon, Elsevier
6	Dr.G.M. Joselin Herbert	Review on 25.10.2024	Results in Engineering, Elsevier
7	Dr.G.M. Joselin Herbert	Review on 08.11.2024	Results in Engineering, Elsevier
8	Dr.G.M. Joselin Herbert	Review on 19.11.2024	Results in Engineering, Elsevier
9	Dr.G.M. Joselin Herbert	Review on 01.12.2024	Results in Engineering, Elsevier
10	Dr.G.M. Joselin Herbert	Review on 01.02.2025	Heliyon, Elsevier
11	Dr.G.M. Joselin Herbert	Review on 24.03.2025	Sustainable and Clean Buildings, Universal Wiser Publisher
12	Dr.G.M. Joselin Herbert	Review on 31.05.2025	Results in Engineering, Elsevier

19. Outstanding achievements by Students:

S.No.	Name of the Student	Achievements	Agency
1	Amprin Sal M A, Sri Padmanaban S, Vundavilli Santhi priya	Academic Awards – Tech Expo 2025	NICHE
2		Participation in Cocurricular/ hecathan	
3		Research Projects	
4		Research Paper Presentation	
5		Summer Internship	Sky Aerospace, Bangalore

**20. Department MeetingsHeld:
BOS,Programe Committee, Course Committee etc.**

S.No	Name	Date
1.	BOS	30.05.2025
2	Programe Committee	01-08-24, 19-9-24, 4-11-24, 5-1-25, 10-3-25, and 19-4-25
3	Course Committee	14-08-24, 3-10-24, and 13-11-24
4	Class Committee	8-7-24, 3-10-24, 13-11-24, 9-1-25, 21-3-25, and 30-04-25

21. Infrastructure and Research facilities available (Please specify equipment more than Two Lakhs Only):

S. No.	Name of the Lab	Name of the Equipment/Computer/Software/Others	Quantity	Purpose Research/Practical
1	CFD LAB	ANSYS	10	Practical

22. Extension activities carried out:

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	NSS			
2	NCC			
3	YRC			
4	Community engagement			
5	Government Programmes			
6	National and International days observed			
7	Others			

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library:

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	665	7	No. of titles available	294
2	Books added during the year 2024-25	8	8	No. of CDs and Digital Books Available	-
3	No. of Indian Journals/Magazines	20	9	No. of Foreign Magazines/Journals	-
4	No. of data bases available	-	10	No. of Online Journals	-
5	Average No. of students visiting the Library per day	3	11	Average No. of books Issued per day	3
			12	No. of digital books	-
6	Availability of Internet (Specify the Capacity) (e.g. – 8 Mbps etc.)	3Mbps	13	Availability of Language Lab	-
			14	NDL membership 1. Faculty members 2. Students	-

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.	S. No.	Name of the Equipment	Specifications	Nos.
1	Computer	Levono - Pentium (R) Dual-core CPU E5700 @ 3.00GHz, RAM 2GB	1	7	Network	-	1
2	Laptops	Levono - Pentium 1.9 GHz Processor, 500 GB HDD, 2 GB RAM	1	8	Fax	-	0
3	Printer	-	1	9	Smart Class	-	-
4	LCD Projector	-	1	10	Software/ Data base	ANSYS	1
5	Net Connection Wi-Fi: Wired:	-1	1	11	Others	-	-
6	Scanner	-	0				

25. Collaborative Researches: Nil**26. Consultancies undertaken:** Nil**27.No. of NET/SET/GATE/CSIR Other Competitive Examinations Qualified students:** Nil**28. MOUs signed:**

S.No	Date	MoU signed with	Number of Activities	Remarks
	Nil			

29. Innovations and Best Practices:

S.No	Innovation and Best Practices	Name of the Programme	Date
1	ICT tools used	One day workshop on Aerodynamic analysis of a RC plane using XFLR5	12.11.2024
2	Teaching and learning initiatives	PDP-Yoga & Health Workshop on Rocket Launcher Workshop – Hands on training for Drone Construction Seminar – Core Element of Drone Technology Seminar – Application of Finite Element Analysis in	27.07.2024 02.08.2024 10.10.2024 07.10.2024 25.02.2025

S.No	Innovation and Best Practices	Name of the Programme	Date
		Engineering Guest Lecture – Heat Transfer in Space Applications FDP – Next Generation Aerospace and Manufacturing Technology	28.02.2025 26.05.2025
4	Eco friendly and sustainable practices	-	
5	Industrial and Academic connect activities	Industrial Visit to ISRO – Mahendragri	29.8.2024

30. Academic Flexibility:

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed
	NIL			

31. Membership in professional bodies:

S.No	Name of the Professional Body	No. of members
1	Institute of Engineers India – IEI	2
2	Solar Energy Society of India	1
3	National Space Club	1
4	Aeronautical Society of India	1

32. Alumni Meetings held:

S.No	Date	Purpose
1	08-06-2024	Alumni Interaction

33. Any other Information:

NAME OF THE DEPARTMENT: AIRCRAFT MAINTENANCE ENGINEERING

1. Department Details :

Name of the Faculty	Aeronautical and Space Technology
Name of the HoD, Phone No. and E-mail ID	S. Hari Kumar
Year of Establishment	2013
Telephone Number	9894479897
Website / E mail	harikumar@niuniv.com

2. Details of Faculty Members and Supporting staff :

S. No.	Name of the Faculty Members and Supporting staff	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
1	Dr.J.Benita	M.E.,Ph.D.	Assistant Professor	Communication	19	6	beni.bless@gmail.com / 9944378884
2	S. HariKumar	M.E.,	Assistant Professor	Applied Electronics	12		jas6508@gmail.com 9894479897
3	D.Sudhakar	M.E.,	Assistant Professor	Thermal Power Plant	21	-	dsudhakarpranav@gmail.com 9442842041
4	Dr. Ninisha Nels	M.E.,Ph.D	Assistant Professor	Computer science	6	-	sninishanel01@gmail.com 9489457153

3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		Chapter s/ Books		API		Ph.D. awarded		Cumulative Scholars
		24 - 25	Cumulative	24 - 25	Cumulative	24 - 25	Cumulative	24-25	Cumulative	24 - 25	Cumulative	24-25	Cumulative	
1	Dr.J.Benita	4	4	4	30		61	-	-			2	2	4
2	Dr.S.Ninisha Nels		2	4	12		18	3	4			-	-	2

4.. Research Schemes/Projects undertaken and applied for :Nil

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1	-	-	-	-	-	-

5. a) Participation of the Faculty members, presentation of papers in Congresses/Conferences/Seminars/Workshops, Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Date
1	Dr.J.Benita	12 th international Conference on Contemporary Engineering and technology	A comprehensive Review of Energy Optimization Techniques in Massive IoT Edge Networks Through Task Offloading	23-03-2024
2	Dr.J.Benita	National Conference on Aviation and space Technology	Sensor Techniques for Unmanned Serial Vehicles:A Comprehensive Review	22-04-2025
3	Dr.J.Benita	International Conference on Emerging Technologies in Engineering and applied sciences	In data aggregation for Wireless Sensor Networks;A Comprehensive Review	03-04-2025
4	Dr.s.Ninisha Nels	International Conference on Emerging Technologies in Engineering and applied sciences	In data aggregation for Wireless Sensor Networks;A Comprehensive Review	03-04-2025
5	Dr.S.Ninisha Nels	National Conference on Aviation and space Technology	Enhancing Wireless sensor Networks Efficient and security with fractional Artificial Bee Colony and HFQKLMS	22-04-2025
6	Mr.S.Harikumar	National Conference on Aviation and space Technology	Application of Variation auto Encoder	22-04-2025
7	Mr.S.Harikumar	International Conference on Emerging Technologies in Engineering and applied sciences	Enhanced Lung Segmentation from chest X-ray images using a Novel Modified UNET with dual attention	03-04-2025

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Date
8	Mr.S.Harikumar	International Conference on Circuit Power and Computing Technologies	Detection of Fake Hotel Reviews using ANFIS and Natural Language Processing Techniques	08-09-2024

b) Foreign Faculty/Expert visit to the Department:

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1	Fenis Amal	Airbus	New Zealand	29-07-2024	Seminar Speaker and Career Guidance

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty member	Role	Event	Title	Venue & Date
1	Dr.J.Benita	Chair Person	Conference	International Conference on Emerging Technologies in Engineering and applied sciences	NICHE,04-04-2025
2	Dr.J.Benita	Technical Reviewer	Conference	International Conference on Emerging Technologies in Engineering and applied sciences	NICHE,04-04-2025
3	Dr.S.Ninisha Nels	Chair Person	Symposium	Technora	NICHE, 25-04-2025
4	Dr.S.Ninisha Nels	Chair Person	Conference	International Conference on Future of Connected Systems IoT,AI and 5G	NICHE,02-05-2025

7. Details of Seminars, Conferences, Refresher courses, Webinars Organized:

S. No.	Name of the Faculty member	Congress/Conference/Seminar/ Workshop/Symposia , Webinars etc. organized	State/National/ International Level	Date
1	Dr.S.Ninisha Nels	Conference	National	22-4-2025
2	Dr.J.Benita	FDP	National	26-05-2025 to 31-05-2025
3	S.Hari Kumar	Conference	National	22-4-2025

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus /SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
1.	Cherukat, Shoukath., & Benita, J.	Energy-Aware TaskOffloading in MassiveloT Edge Network UsingOptimized Convolutional NeuralNetwork	Scopus	Vol.No.: 11 Issue No.:11	2024	424-43
2	S.Ninisha Nels & Harikumar S	ABC based Routing and data aggregation in wireless sensor networks using FSQKLMS	Scopus		2024	-

9. Details of patents applied/awarded:

S.No.	Name of the Faculty member	Title	Date of filing	Application No.	Award No.

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1	S.Ninisha Nels	AI in Bioinformatics unlocking the secret of Life/ 10.4018/979-8-3693-9208-9	IGI Global/	2025
2	S.Ninisha Nels	Aviation in Space Technology/ 9788197295096	Shitram Publications/	2025
3	S.Ninisha Nels	Smart Grid System with secure Block chain based Communication/ 0781003596721	Taylor and Fransis	2024

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO.	Name of the Programme / Branch of study	Sancti oned Stren gth	Enrolment during 2024-25		Tota l	Community														Existing Students, Strength								Pass Percent age of out going batch
			F	M		OC		BC		BCM		MBC/ DNC		SC		SCA		ST		II year		III year		IV year				
						M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	UG Programme	60	1	14	15	9	1	-	-	1	-	1	-	3	-	-	-	-	-	7	5	6	1	14	1	80%		
	PG Courses																											
	Ph.D Programme																											
	Diploma Certificate add on Courses (if any)																											
	MOOC/SWA YAM/NPTEL/ UGC online courses offered																											
	Total	60	1	14	15															7	5	6	1	14	1	80%		

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	
1	B.E. AME	Indian	Kerala	5	1	6
2	B.E. AME	Indian	Karnataka	2	-	2
3	B.E. AME	Indian	Maharastra	1	-	1

13. U.G./P.G. and Research degrees awarded:

S. No	UG		P.G.		Ph.D.		
		Total		Total	FT	PT	Total
1	32	32	-	-	-	-	32

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded :

S. No.	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1	-	-	-	-	-

15.Scholarships Awarded: Nil

S. No.	Nature of Scholarship	P.G.		Ph.D.		Total Amount Rs.
		M	F	M	F	
1	B.C.(State)					
2	B.C.M.(State)					
3	M.B.C./D.N.C.(State)					
4	SC/SCA/ST(National)					
5	SC/SCA/ST(State)					
6	AICTE/UGC Scholarships					
7	Management Scholarships					
8	Loan Scholarship					
9	MoovalurRamamirthamAmmaiyar Scheme					
10	'Pudhumai Penn' (modern woman)					
11	Tamiz Puthalvan					
12	Others (please Specify the scholarship)					
	Total					

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App	Pas s	App	Pas s	App	Pas s	App	Pas s	App	Pas s	App	Pas s	App	Pas s	App	Pas s
	B.E.	15		15	9	12	8	12	9	7	6	7	7	15	13	15	13

17. Placement Details:

Name of the Placement co-ordinator: D.Sudhakar			
Phone/Mobile Number :e-mail: 7904953744/ dsudhakarpranav@gmail.com			
Number of Placement Programmes:			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	19	9
2	Number of Placements obtained through Campus Interview	-	-
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	79	100

18. Outstanding achievements by the Faculty Members:Nil

S. No.	Name of the Faculty	Achievements	Agency
1			

19. Outstanding achievements by Students:Nil

S.No.	Name of the Student	Achievements	Agency
1	Gokul Raj	Module exam	DGCA
2	Adish	Module exam	DGCA
3	Sree Nidhi	Module exam	DGCA
4	Vignesh	Module exam	DGCA
5	Varsha	Module exam	DGCA
6	Vasudev	Module exam	DGCA

**20. Department MeetingsHeld :
BOS,Programe Committee, Course Committee etc.**

S.No	Name	Date
1.	BOS	21-02-2025; 28-05-2025
2	Programe Committee	19-07-2024; 02-09-2024;15-10-2024;
3	Course Committee	05-09-2024
4	Others	

21. Infrastructure and Research facilities available (Please specify equipments more than Two Lakhs Only) : Nil

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical

22. Extension activities carried out :

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	NSS			
2	NCC			
3	YRC			

S. No.	Name of the Activity	Beneficiaries	Date	Venue
4	Community engagement			
5	Government Programmes			
6	National and International days observed	Space day	23-08-2024	NICHE
7	Others			

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library:

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	608	7	No. of titles available	188
2	Books added during the year 2024-25	-	8	No. of CDs and Digital Books Available	-
3	No. of Indian Journals/Magazines	-	9	No. of Foreign Magazines/Journals	-
4	No. of data bases available	-	10	No. of Online Journals	-
5	Average No. of students visiting the Library per day	5	11	Average No. of books Issued per day	1
			12	No. of digital books	-
6	Availability of Internet (Specify the Capacity) (e.g. – 8 Mbps etc.,)	1Gbps	13	Availability of Language Lab	-
			14	NDL membership 1. Faculty members 2. Students	-

24. Information and Communication Technology Resources:Nil

S. No.	Name of the Equipment	Specifications	Nos.

25.Collaborative Researches :

26. Consultancies undertaken :

Conducted a corporate training program for the students from Udaya school of Engineering on 05-05-2025 and 06-05-2025.

27.No. of NET/SET/GATE/CSIR Other Compentetive Examinations Qualified students:

28. MOUs signed :

S.No	Date	MoU signed with	Number of Activities	Remarks
1	24-07-2024	Stella Maris Institute of Development Studies, Kanyakumari	-	-
2	18-08-2024	Entudio Pvt. Ltd., Tirunelveli	Workshop and Seminar	-
3	12-11-2024	Sonovision AETOS Technical Service Pvt. Ltd.	Seminar	-

29. Innovations and Best Practices :

S.No	Innovation and Best Practices	Name of the Programme	Date
1	ICT tools used		
2	Teaching and learning initiatives		
4	Eco friendly and sustainable practices		
5	Industrial and Academic connect activities		

30. Academic Flexibility :

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed

31. Membership in professional bodies:

S.No	Name of the Professional Body	No. of members

32. Alumni Meetings held:

S.No	Date	Purpose
1	27-12-2024	To help the institution, strengthening personal and professional networks. ☐ Knowledge Sharing To share their experiences, career journeys, and industry insights with current students and fellow graduates.

33. Any other Information:

NAME OF THE DEPARTMENT: AUTOMOBILE ENGINEERING**1. Department Details :**

Name of the Faculty	Faculty of Mechanical Engineering
Name of the HoD, Phone No. and E-mail ID	Dr. S. Robin Divahar, 9944258801, srobindivahar@niuniv.com
Year of Establishment	2009
Telephone Number	-
Website / E mail	auto@niuniv.com , www.niuniv.com

2. Details of Faculty Members and Supporting staff :

S. No.	Name of the Faculty Members and Supporting staff	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
1	Dr. S. Robin Divahar	B.E,M.E, Ph.D	Associate Professor & Head	Thermal engineering & Optimization	21	02	srobindivahar@niuniv.com 9944258801
2	Dr. M. Edwin Sahaya Raj	B.E,M.E, Ph.D	Associate Professor	Material Science	24	-	edwinsahayaraj@niuniv.com , 9443734994
3	Dr. Lalu Gladson Robin	B.E,M.E, Ph.D	Associate Professor	Materials Science & Manufacturing Engineering	21	-	lalu@niuniv.com
4	Dr.V. V. Monikandan	B.E,M.E, Ph.D,PDF	Associate Professor	Manufacturing and Materials	09	04	manikandan@niuniv.com 9047148149
5	Dr. A. K.Darwins	B.E,M.E, Ph.D	Assistant Professor	Manufacturing and Welding	21	-	darwins@niuniv.com 9487657885
6	Mr. F. Peter	DAE,B.E, M.E	Assistant Professor	Manufacturing	5	-	peter@niuniv.com 9994669023
7	Mr. T. Harikumar	DAE	Lab Assistant		39	-	Haritkumar99@gmail.com 9943368687
8	Mr. J. Gopala Krishnan	DECE	Lab Assistant		8	-	igopalakrishnan@gmail.com 9751468499

3. Faculty Members Achievements / Performance:

S. No.	Name	h index		Publications		Citations		Chapter s/ Books		API		Ph.D. awarded		Cumulative Scholars
		24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	Ph.D.
1	Dr. S. Robin Divahar	3	3	2	07	12	59	-	-	281	281	-	-	4
2	Dr. M. Edwin Sahaya Raj	2	5	6	36	18	63	2	3	347	347	2	2	6
3	Dr. Lalu Gladson Robin	2	5	6	27	12	67	2	4	385	385	-	-	-
4	Dr.V. V. Monikandan	1	6	2	18	15	190	0	0	-	-	-	-	-
5	Dr. A. K.Darwins	4	4	1	14	5	48	2	2	265	265	-	-	-
6	Mr. F. Peter	-	-	1	1	-	-	-	-	213	213	-	-	-

4.. Research Schemes/Projects undertaken and applied for :

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1	V V Monikandan	Brahmos	Design and fabrication of PTFE-coated E glass fabric radome for low level transportable radar			40 lakhs
2	V V Monikandan	Consultancy	Exhaust gas analysis of internal combustion engine-equipped vehicles: A proposal to assess the commercial feasibility, approval and infrastructure requirements, and operational functions			35 Lakhs

5. a) Participation of the Faculty members, presentation of papers in Congresses/Conferences/Seminars/Workshops, Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/ Seminar /Workshop and Venue	Title of the paper	Date
1	Dr. Lalu Gladson Robin	International Conference on Science, Technology, Engineering and Management at Kalaingar Karunanidhi Institute of Technology, Coimbatore.	Wear Performance of Microwave annealed Ni-P-TiO ₂ Composite Coating on Low Carbon Steel	March 14, 2025
2	Dr. Lalu Gladson Robin	International Conference on Science, Technology, Engineering and Management at Kalaingar Karunanidhi Institute of Technology, Coimbatore.	Sustainable Cement Concrete Development with Flyash, Nano Silica and Glass Fibers: Reducing Cement usage for Enhanced Environmental Impact	March 15, 2025
3	Dr. Lalu Gladson Robin	International conference on advanced functional materials and energy applications at Lekshmipuram College of Arts and Science	Enhancing strength and corrosion resistance of mg-based hybrid composites through multi-ceramic reinforcement	February 04, 2025
4	Dr. Lalu Gladson Robin	International conference on advanced functional materials and energy applications at Lekshmipuram College of Arts and Science	Design and Properties of Magnesium-Based Bulk Metallic Glasses: A Focus on Biodegradable Biomedical Implants	February 04, 2025
5	Dr. Lalu Gladson Robin	International conference on advanced functional materials and energy applications at Lekshmipuram College of Arts and Science	Harnessing Quantum Dots for Next-Generation Solar Cells: Enhancing Efficiency and Stability in Photovoltaic Applications	February 04, 2025
6	Dr. Edwin Sahayaraj	Proceedings of the International conference	Enhancing strengthand	February, 4&5, 2025

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Date
		on advanced functional materials and energy applications	corrosion resistance of mgbased hybrid composites through multi-ceramic reinforcement	
7	Dr. Edwin Sahayaraj	Proceedings of the International conference on advanced functional materials and energy applications	Parametric study on the deposition behavior and phase transformation in electroless Ni-Pcoatings	February, 4&5, 2025
8	Dr. Edwin Sahayaraj	International Conference on Science, Technology, Engineering and Management, Kalaigharkarunanidhi Institute of Technology, Coimbatore	Wear Performance of Microwave annealed Ni-P-TiO ₂ Composite Coating on Low Carbon Steel	March 14, 2025
9	Dr. Edwin Sahayaraj	International Conference on Science, Technology, Engineering and Management, Kalaigharkarunanidhi Institute of Technology, Coimbatore	Sustainable Cement Concrete Development with Flyash, Nano Silica and Glass Fibers:Reducing Cement usage for Enhanced Environmental Impact	March 15, 2025
10.	Mr. F. Peter	International Seminar on Recent Advances in Chemical Science Scott Christian College, Nagercoil	Green Synthesis of Silica Nonoparticles and its application	March 21, 2025
11.	Mr. F. Peter	National Technical Symposium Department of Computer Science Engineering, NICHE	A General Low Cost UAV Solution for Power Line Tracking, Advances in Intelligent Systems and Computing	25 April 2025
12	Mr. F. Peter	Professional Development Program, Department of Mechanical Engineering, NICHE	Harnessing Artificial Intelligence in Research and Teaching	November 25, 2024
13.	Dr. S. Robin Divahar	International Seminar on Recent Advances in Chemical Science Scott Christian College, Nagercoil	Green Synthesis of Silica Nonoparticles and its application	March 21, 2025

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Date
14	Dr. S. Robin Divahar	International Conference on Sustainable Air and Space Technologies, <i>Karunya University, Coimbatore</i> ,	Fabrication and testing of Spec Race Car	April 25, 2025
15	Dr. S. Robin Divahar	National Technical Symposium Department of Computer Science Engineering, NICHE	Cruise Control & Stability	April 24, 2025
16	Dr. S. Robin Divahar	National Level Workshop, November Department of Nanotechnology, NICHE	PFMS. EAT	November 12, 2024
17	Dr. S. Robin Divahar	Professional Development Program, Department of Mechanical Engineering, NICHE	Harnessing Artificial Intelligence in Research and Teaching	November 25, 2024
18	Dr. V V Monikandan	Seminar	Application of Computer-Assisted Systems in the Design, Fabrication, and Testing of a BAJA-Inspired Off-Road Race Car: An Overview	25.04.25
19	V V Monikandan	Seminar	Experimental Optimization of Off-Road Performance Parameters in a BAJA-Inspired Race Car with Integrated Electronic Control Systems: An Overview	25.04.25
20	V V Monikandan	Conference	Study on mechanical properties of FDM-printed polymer materials	22. 04.25

b) Foreign Faculty/Expert visit to the Department: Nil

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1					
2					

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty member	Role	Event	Title	Venue & Date
1	Dr. S. Robin Divahar	Resource Person	National	Career Prospects & Opportunities in Aeronautical Engineering	November 15, 2024. Smart Class Room, Department of Aeronautical Engineering, NICHE

7. Details of Seminars, Conferences, Refresher courses, Webinars Organized :

S. No.	Name of the Faculty member	Congress/Conference/ Seminar/ Workshop/Symposia , Webinars etc. organized	State/National/ International Level	Date
1	Dr. Lalu Gladson Robin	Seminar on Pathway to UK	International	August 9, 2024
2	Dr. Lalu Gladson Robin	Orientation on Nano Masters Certification Programme highlighting opportunities in AI, robotics, and cyber security in German University	International	August 29, 2024
3	Dr. Lalu Gladson Robin	International Lecture Series - II on Data Analysis and Interpretation	International	February 25, 2025
4	Dr. Edwin Sahayaraj	Workshop on Alternative fuels used in automotive engines	State level	25-7-2024
5	Dr. Edwin Sahayaraj	PDP- Development of CAD skills	State level	14.08.2024
6	Dr. Edwin Sahayaraj	Seminar on Advanced characterization of automotive materials	State level	14.08.2024
7	Dr. Edwin Sahayaraj	International guest lecture on green vehicles	International level	22.08.2024
8	Dr. Edwin Sahayaraj	Webinar on sustainable cooling	State level	30.01.2025
9	Dr. Edwin Sahayaraj	Workshop on Product design	State level	25.03.2025
10	Dr. Edwin Sahayaraj	Workshop on emerging trends in product design	State level	13.02.2025
11	Dr. Edwin Sahayaraj	Symposium – VENTURA 2K25	State level	19.5.2025
12	Dr. Edwin Sahayaraj	Online faculty development program on Next generation Technologies in Aviation, Intelligent system, and green energy	State level	26.5.2025-31-5-2025

S. No.	Name of the Faculty member	Congress/Conference/ Seminar/ Workshop/Symposia , Webinars etc. organized	State/National/ International Level	Date
13	Dr. S. Robin Divahar	Webinar on sustainable cooling	State level	30.01.2025
14	Dr. S. Robin Divahar	Workshop on Product design	State level	25.03.2025
15	Dr. S. Robin Divahar	Workshop on emerging trends in product design	State level	13.02.2025
16	Dr. S. Robin Divahar	Symposium – VENTURA 2K25	State level	19.5.2025
17	Dr. S. Robin Divahar	Online faculty development program on Next generation Technologies inn Aviation, Intelligent system, and green energy	State level	26.5.2025-31-5-2025
18	Dr. S. Robin Divahar	International Lecture Series - II on Data Analysis and Interpretation	International	February 25, 2025
19	V V Monikandan	Value-added course	State	01.08.2024
20	V V Monikandan	Technical symposium	State	19.05.2025
21	V V Monikandan	One day workshop on product design	State	13.02.2025
22	V V Monikandan	Webinar on Sustainable Cooling	State	30.01.2025
23	V V Monikandan	Online FDP on mastering the technologies shaping education and industry	State level	19.05.2025
25	V V Monikandan	Next generation technology in aviation, intelligent systems, and green energy	State level	26.05.2025
26	V V Monikandan	Optimizing research outcomes: expert techniques and tools for academic impact	National level	21-06-2025
27	V V Monikandan	Next generation aerospace and manufacturing technologies	National level	26-05-2025
28	F. Peter	Webinar on sustainable cooling	State level	30.01.2025
29	F.Peter	Workshop on Product design	State level	25.03.2025
30	F.Peter	Workshop on emerging trends in product design	State level	13.02.2025
31	F.peter	Symposium – VENTURA 2K25	State level	19.5.2025

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
1	Lalu Gladson Robin, K. Raghukandan, S. Saravanan	Optimizing explosive welding parameters of Al 5052 - WM - SiCp - Al 1100 composites through microstructural analysis and 3D welding window development	ISSN: 0954-4062 / Peer Reviewed / Scopus	39,01	2024	1-14
2	A.K. Darwins, M. Edwin Sahayaraj, Lalu Gladson Robin	Enhancing strength and corrosion resistance of mg-based hybrid composites through multi-ceramic reinforcement	ISBN 978-93-342-1632-5	1	2025	130-135
3	Lalu Gladson Robin, S. K. Remmi	Design and Properties of Magnesium-Based Bulk Metallic Glasses: A Focus on Biodegradable Biomedical Implants	ISBN 978-93-342-1632-5	1	2025	34-39
4	Lalu Gladson Robin, S. K. Remmi, S. Anto Mebisa	Harnessing Quantum Dots for Next-Generation Solar Cells: Enhancing Efficiency and Stability in Photovoltaic Applications	ISBN 978-93-342-1632-5	1	2025	214
5	P. V. George John, M. Edwin Sahayaraj, J.T. Winowlin Jappes, S. John Leon	Corrosion Characteristics of Microwave and Furnace Annealed Electroless Ni-P-TiO ₂ Coatings	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, SCI, 0954-4062	Vol. 238, No. 4	2024	1149-1156

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
6	Ratheesh, A.K., Jones Retnam, S.B., Anandh, M.D., Harini, V., Suyambulinag m, I., Edwin Sahayaraj, M.	Development and Characterization of Spray Pyrolysis Nickel Coated Natural Bamboo Fiber Reinforced Polymer Composite.	Proceedings of the International Conference on Eco-friendly Fibers and Polymeric Materials. Springer Proceedings in Materials, Scopus, 2662-3161	Vol.1, No.1	2024	585–599
7	R. Ajith Raja, Praveen Kumar Balguri, M. Dev Anand, C.K. Akhil, A.K. Darwins and Rajesh Belchada	Fabrication and Flow Simulation of a Choked Flow Converging Nozzle	International Journal of Vehicle Structures & Systems/09 75-3060	Volume No.16 Issue No.3	2024	4
8	S. Robin Divahar	Selection of influencing factors on Reverse logistics Management in Process Industries.	IRO Journal of Electronics and Informatics	Volume No. 06 Issue No. 04	2024	PP. 342-356
9	S.Robin Divahar	Green Synthesis of Silica Nono-particles and its Application	ISBN/ISSN: 978-93-343-4596-7	Volume No. 07I	March 21, 2025	PP.36
10	V V Monikandan	History of tribology: ssessing the prehistoric impacts, progress on industrial and scientific revolution eras, and contemporary interdisciplinary research trends	Scopus	41 (3-4)	2024	1 to 12

9. Details of patents applied/awarded: - Nil

S.No.	Name of the Faculty member	Title	Date of filing	Application No.	Award No.

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1	A.K. Darwins, Lalu Gladson Robin, M. Edwin Sahayaraj	Mechatronics in Automotive Engineering: Concepts and Techniques – ISBN: 9788197866449	Deltabox Publishing House	2024
2	A.K. Darwins, Lalu Gladson Robin, M. Edwin, Sahayaraj, S. Mathu Kumar	Mechatronics in Motion: A Lab Manual for Automotive Engineering Excellence – ISBN: 978-81-978664-2-5	Deltabox Publishing House	2025

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO.	Name of the Programme / Branch of study	Sancti oned Stren gth	Enrolment during 2024-25		Tot al	Community														Existing Students, Strength						Pass Percent age of out going batch
			F	M		OC		BC		BCM		MBC/ DNC		SC		SCA		ST		II year		III year		IV year		
						M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	UG Programme	30	-	23	23	5	-	10	-	8	-	-	-	-	-	-	-	-	9	-	5	-	9	-	55%	
	PG Courses	15	-	04	04	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Ph.D Programme	12	-	05	05	-	-	05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Diploma Certificate add on Courses (if any)	-																								
	MOOC/SWAYAM/NPTEL/ UGC online courses offered	-																								
	Total	57	-	32	32	05	-	19	-	8	-	-	-	-	-	-	-	-	09	-	05	-	09	-	-	

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	
1	B.E	Indian	Kerala	06	-	06
2	M.E	-	-	-	-	-
3	PhD	Indian	Kerala	03	-	03

13. U.G./P.G. and Research degrees awarded:

S. No	UG		P.G.		Ph.D.		
		Total		Total	FT	PT	Total
1	05	05	-	-	-	01	01

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded :

S. No.	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1	University Tun Hussain Malaysia	International Students Exchange Program	03	-	03

15. Scholarships Awarded: Nil

S. No.	Nature of Scholarship	P.G.		Ph.D.		Total Amount Rs.
		M	F	M	F	
1	B.C.(State)					
2	B.C.M.(State)					
3	M.B.C./D.N.C.(State)					
4	SC/SCA/ST(National)					
5	SC/SCA/ST(State)					
6	AICTE/UGC Scholarships					
7	Management Scholarships					
8	Loan Scholarship					
9	Moovalur Ramamirtham Ammaiyar Scheme					
10	'Pudhumai Penn' (modern woman)					
11	Tamiz Puthalvan					
12	Others (please Specify the scholarship)					
	Total					

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App	Pas s	App	Pas s	App	Pas s	App	Pas s	App	Pas s	App	Pas s	App	Pas s	App	Pas s
1	B.E	01	-	01	-	09	02	09	03	05	03	05	02	09	06	09	08

17. Placement Details:

Name of the Placement co-ordinator: Dr.A.K.Darwins			
Phone/Mobile Number :e-mail: 9487657885,darwins@niuniv.com			
Number of Placement Programmes:			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	9	-
2	Number of Placements obtained through Campus Interview	9	-
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	100	-

18. Outstanding achievements by the Faculty Members: Nil

S. No.	Name of the Faculty	Achievements	Agency
1			

19. Outstanding achievements by Students:

S.No.	Name of the Student	Achievements	Agency
1	Afsal	Academic Awards	YRC
2	Mohammed Asif Iklash Khan A Aljis Xavio X A Akash H Adarsh Kumar Allen Nehemiah D E Mohammed Rashid Rajeesh	Participation in Co-curricular/ hecathan	Ministry of Small Micro small and Medium Enterprises (MSME)
3	-	Research Projects	-
4	Abi Sam	Research Paper Presentation	International Conference on Sustainable Air and space Technologies (ICSAST)
	M. Rashid	Research Paper Presentation	International Conference on Sustainable Air and space Technologies (ICSAST)
	Adarsh Kumar	Research Paper Presentation	TECHNORA'25, NICHE
	Adith B Roshan	Research Paper Presentation	TECHNORA'25 NICHE
5		Others	-

**20. Department Meetings Held :
BOS,Programe Committee, Course Committee etc.**

S.No	Name	Date
1.	BOS	30-05-2025, 21-02-2025
2	Programe Committee	12-02-2025
3	Course Committee	-
4	Others	-

21. Infrastructure and Research facilities available (Please specify equipments more than Two Lakhs Only) :

S. No.	Name of the Lab	Name of the Equipments/Computer/ Software/Others	Quantity	Purpose Research/Practical
1	Production Engineering Lab	Crankshaft Grinding Machine	01	Practical
2	Reconditioning Lab	Fuel Injection Calibration Test Bench	01	Practical
3	Production Engineering Lab	Shaping Machine	01	Practical
4	Reconditioning Lab	Brake Drum Skimming Lathe	01	Practical

22. Extension activities carried out : Nil

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	NSS			
2	NCC			
3	YRC			
4	Community engagement			
5	Government Programmes			
6	National and International days observed			
7	Others			

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library:

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	956	7	No. of titles available	Nil
2	Books added during the year 2024-25	Nil	8	No. of CDs and Digital Books Available	35
3	No. of Indian Journals/ Magazines	126	9	No. of Foreign Magazines/Journals	Nil
4	No. of data bases available	Nil	10	No. of Online Journals	Nil
5	Average No. of students visiting the Library per day	6	11	Average No. of books Issued per day	2
			12	No. of digital books	Nil
6	Availability of Internet (Specify the Capacity) (e.g. – 8 Mbps etc.,)	-	13	Availability of Language Lab	Nil
			14	NDL membership 3. Faculty members 4. Students	Nil

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.
1	Desktop	Pentium i3	01
2	Printer	Canon (Black & White)	01

25. Collaborative Researches :-**26. Consultancies undertaken :**

V V Monikandan	Consultancy	Exhaust gas analysis of internal combustion engine-equipped vehicles: A proposal to assess the commercial feasibility, approval and infrastructure requirements, and operational functions

27. No. of NET/SET/GATE/CSIR Other Compentetive Examinations Qualified students:
Nil**28. MOUs signed :**

S.No	Date	MoU signed with	Number of Activities	Remarks
1	23-05-2025	Pushpa Driving School	Providing driving practice & Licence	-

29. Innovations and Best Practices :

S.No	Innovation and Best Practices	Name of the Programme	Date
1	ICT tooles used	NPTEL	-
2	Teaching and learning initiatives	-	-
4	Eco friendly and sustainable practices	Tree Plantation	08-08-2024
5	Industrial and Academic connect activities	Internship	-

30. Academic Flexibility : Nil

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed

31. Membership in professional bodies: -

S.No	Name of the Professional Body	No. of members
1	Tribology Society of India	01

32. Alumni Meetings held:

S.No	Date	Purpose
1	Er.S. Anishthlin Nishith	Reconnecting the Past, Shaping the Future: Alumni Meet 2024

33. Any other Information: Admission Related Activities

Dr. V. V. Monikandan

1	Evans Matriculation school Nagercoil	Career Guidance program	October 2024	Evans Matriculation school Nagercoil
2	Hindu Vidyalaya Matriculation school Thuckalay	Career Guidance program	November 2024	Hindu Vidyalaya Matriculation school Thuckalay
3	SP friends Matriculation school Kaliyakkavila	Career Guidance program	July 2024	SP friends Matriculation school Kaliyakkavila
4	Government Vocational Higher Secondary School, Nedumangad	Career Guidance program	October 2024	Government Vocational Higher Secondary School, Nedumangad
5	Preparation of Brochures	Career Guidance program	October 2024	-
6	Noorul islam polytechnic college	Career Guidance program	February 2024	Noorul islam polytechnic college

Dr. S. Robin Divahar

1	Noorul islam polytechnic college	Career Guidance program	February 2024	Noorul islam polytechnic college

NAME OF THE DEPARTMENT: ALLIED HEALTH SCIENCES

1. Department Details :

Name of the Faculty	ALLIED HEALTH SCIENCES
Name of the HoD, Phone No. and E-mail ID	Dr.G.ArockiaSelvaSaroja 9443693268 arockiaselvasaroja@niuniv.com , aroseq@yahoo.com
Year of Establishment	2019
Telephone Number	04651 250566
Website / E mail	Website: http://www.niuniv.com/departement.php?f=allied-health-sciencealliedhealthsciencesniu@gmail.com

2. Details of Faculty Members and Supporting staff :

S. No.	Name of the Faculty	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
1.	Dr. Arockia Selva Saroja G	B.E., M.E. Ph.D	Associate Professor & HOD	Image Processing	26 Years 8 Months	18	aroseg@yahoo.com 9443693268
2.	Mrs. Janu J P	M.Sc., M.Phil.,	Assistant Professor	Bioinformatics	8 Years		janubioinformatics@gmail.com 9944731631
3.	Dr. Raja Brindha J	M.Sc., M.Phil., Ph.D., M.B.A	Assistant Professor	Microbiology	22 Years 5 Months	5	brindhasubin@gmail.com 9751145788
4.	Dr. Packia Lekshmi N C J	M.Sc, M.Phil., Ph.D	Assistant Professor	Microbiology	23 Years 5 Months	4	Packia_3779@yahoo.co.in 9442076248
5.	Dr. Munnu Das J	B.H.M.S., M.S.,	Assistant Professor	Emergency Medicine	10 Years 5 Months	-	munnudj@gmail.com 8921658310
6.	Mrs. Bushra Beevi R	M.Sc.,	Assistant Professor	Biochemistry	8 Years 11 Months	-	arifbushra4444@gmail.com 9895136157
7.	Dr. Gokul Gopi	B.D.S.,	Assistant Professor	Dental Surgery	6 Years 2 Months	-	gokulgopi555@gmail.com 9495944774
8.	Mrs. Subha T	M.Sc, M.Phil., Ph.D	Assistant Professor	Biotechnology	16 Years 20 days		subhabio86@gmail.com 9047393207
9.	Dr. Shabi Ruskin R	M.Sc, M.Phil., Ph.D	Assistant Professor	Biotechnology	17 Years 6 Months	6 Years	oliviashabi412@gmail.com rshabiruskin@yahoo.com 9865823925
10.	Ms. Nimya Joseph	M.A	Assistant Professor	Linguistics	5 Years 8 Months	-	nimyajp96@gmail.com 9538271113
11.	Ms. Manisha M	M.Sc.,	Teaching Assistant	Biotechnology	4 Years	-	manishanisha807@gmail.com 7339451206

S. No.	Name of the Faculty	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
12.	Ms. Ragi D S	M.Sc.,	Teaching Assistant	Forensic Science	3 Years 7 months	-	ragids98@gmail.com 9207261685
13.	Ms. Souparnika P C	M.Sc.,	Teaching Assistant	Criminology and Forensic Science	5 Years	1year	Souparnikakp duval96@gmail.com
14.	Ms. Divya K M	M.Sc.,	Teaching Assistant	Criminology and Forensic Science	3 Year		8431772737 divya.km737@gmail.com
15.	Mrs. SermiJiju Y	M.Sc(N).,	Teaching Assistant	OBG	4 Years 3 Months	-	8675129080 sermijose@gmail.com
16.	Mrs. Jini S V	B.Sc(N).,	Teaching Assistant	Nursing	8 Years		8754139734 jinisvjini311@gmail.com
17.	Ms. RiyaLal	B.Sc (PT)	Teaching Assistant	Clinical Perfusionist	1 Year 10 Months	-	rialeo9398@gmail.com 9600052470
18.	Mr. Midhun Mathew	B.Sc (PT)	Teaching Assistant	Clinical Perfusionist	1 Year 10 Months	-	mm2339591@gmail.com 8129542941
19.	Mr. Aravind	B.Sc (RD)	Teaching Assistant	Dialysis Technician	3 Years 6 months	-	aravindp619@gmail.com 9809238722
20.	Ms. Jazila	B.Sc (CT)	Teaching Assistant	Cardiac Care Technology	1 Year 7 Months	-	jazilahidhay@gmail.com 6369487209
21.	Ms. Maharisha	B.Sc (RD)	Teaching Assistant	Dialysis Technology	1 Year 6 Months	-	dhasmagi@gmail.com 9080598636
22.	Ms. Dilsha	M.Sc., Psychology	Assistant Professor	Counselling Psychology	1 Year	-	ishakdilsha@gmail.com 9645698707
23.	Dr. Sreelekshmi	B.D.S., MBA	Assistant Professor	Hospital Management		-	sreelekshmineen02@gmail.com 9746894532
24.	Dr. Aneesh Nair	M.Sc. Ph.D	Associate Professor	Molecular Biology	3 years	14 years	draneeshnair@gmail.com 7338861019

3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		Chapter s/ Books		API		Ph.D. awarded		Cumulative Scholar s
		24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	Ph.D.
1.	Dr.Arockia Selva Saroja G	4	4	-		21	54	-	-			1	2	5
2.	Dr. Raja Brindha J	10	10	1	31	36	334	1	1			-	-	-
3.	Dr. PackiaLekshmi N C J	12	12	3	42	52	466	1	1			-	-	-

4.. Research Schemes/Projects undertaken and applied for :

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1						

5. a) Participation of the Faculty members,presentation of papers in Congresses/Conferences/Seminars/Workshops,Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Date
1	Ms.Manisha .M	Conference	The Effect of fish amino acid (FAA) on germination and development of green gram (Vignaradiata)	Aug2024
2	Mrs.T.Subha	Conference	Evaluation of stability and thrombolytic potential of poultry house derived fibrinolytic enzyme	April 2025

b) Foreign Faculty/Expert visit to the Department:

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1	Dr.Sam White house	Light Ox Pharma	UK	3 Hours	Seminar
2	Ms.JoanneLant	Lant Medicals	UK	3 Hours	Seminar

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty member	Role	Event	Title	Venue & Date
1	Dr.Aneesh Nair	Resource Person	Seminar	Clinical Genomics-the way forward	Emmanuel College, Thiruvananthapuram 05.11.2025
2	Dr.J.Raja Brindha	External Experts	BOS	Microbiology	SadakathullahAppaCollege, Tirunelveli 25.01.2025
3	Dr.N.C.J. PackiaLekshmi	External Experts	BOS	Microbiology	Kamaraj College, Thoothukudi 20.11.2024 & 30.5.2025
4	Dr.N.C.J. PackiaLekshmi	Resource Person	Seminar	Next-Gen Solutions for Antibiotic Resistance: A New Hope.	Kamaraj College, Thoothukudi 20.2.2025
5	Dr.N.C.J. PackiaLekshmi	Resource Person	Seminar	Design Thinking, Critical Thinking and Innovation Design	Holy Cross College, Nagercoil 12.12.2024

7. Details of Seminars, Conferences, Refresher courses, Webinars Organised:

S. No.	Name of the Faculty member	Congress/Conference/Seminar/ Workshop/Symposia , Webinars etc. organised	State/National/ International Level	Date
1.	AHS	International Conference	International	Jan 18, 2025
2.		PDP on relaxation techniques	Department level	Jan 21, 2025
3.		National Science Day	Department level	Feb 28, 2025
4.		Seminar	Department level	March 3, 2025
5.		National Symposium	National Level	April 30 2025
6.		PDP –OSCE	Department level	Dec, 16 2024
7.		FDP - Traditional knowledge system in health care	National	May 25 - May 30, 2025
8.		Workshop on OSCE	Department level	Mar 25 2025

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/ SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
1	Dr.Aneesh Nair	Cytochrome Oxidase Subunit I Based Molecular	International Journal of Zoological Investigations . Scopus	10(2)	2024	1071-1079

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
		Surveillance of Mosquitoes from Neyyattinkaram Municipality for Targeted Vector Control	2454-3055			
2	Dr.Aneesh Nair and Dr L. Hima	Naturopathic Management of Hereditary Spherocytosis: A Case Report	Alternative Therapies Scopus 1078-6791	30(11)	2024	50-53
3.	Ms.Manisha. M	The Effect of Fish Amino Acid on Germination and Growth of Green Gram (Vignaradiata)	Tropical Journal Of Natural Product Research (TJNPR) Scopus 2616-0692	8(10)	2024	8774-8778
4	Dr.RajaBrindha. J and Dr. PackiaLekshmi. N. C. J	Production and optimization of amylase by B.megaterium RBJ (KM234609) using wheat bran	Alochana Journal UGC 2231-6329	14(4)	2025	319-338
5	Mrs.T.Subha	Purification And Molecular Characterization Of SuperoxideDis mutase From An Extreme Halophilic Strain Halomonas UtahensisSM1 by Electrospray Ionization Mas Spectrometry	International Journal of Research Publication and Reviews UGC 2582-7421	6(1)	2025	1355-1362
6	Dr. N.C.J.Packia Lekshmi.	ADVANCING BIOPLASTICS WITH NANOTECHNOLOGY: ENHANCING PERFORMANCE FOR	Asian Journal of Multidisciplinary Research 2454-1370.	10(1)	2024	26-30

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
		SUSTAINABLE PACKAGING				
7	Dr.N.C.JPackiaLekshmi.	SUBMERGED LIQUID FERMENTATION: A KEY APPROACH FOR FUNGAL BIOMASS AND EXOPOLYSACCHARIDE PRODUCTION.	Life Science Archives 2454-1354	10(1)	2024	50-58

9. Details of patents applied/awarded:

S.No.	Name of the Faculty member	Title	Date of filing	Application No.	Award No.
1	Dr.G.Arockia Selva Saroja	Animal Detecting and Alerting Device For Agricultural Field	13.2.2025	199563	447956-001

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1	Dr. Shabi Ruskin	Molecular Biology 978-93-94638-79-2	Thanuj International Publishers, TN, India	2024
2	Dr. Shabi Ruskin	Book Chapter- Title:Unveiling the microbial Menace: Exploring pathogens of medical significance., ISBN: E-ISBN : 978-93-6252-020-3.,	Published in: IIP Series	Sep 2024
3.	Dr. Shabi Ruskin	Book Chapter-Title: Innovative pedagogies: Adapting teaching strategies for modern learning environments., ISBN: E-ISBN : 978-93-6252-523-9,	Published in: IIP Series	August-2024
4	Mrs.T.Subha	Clinical Biochemistry 978-93-94174-95-5	Excellent publishers	2025

11. Courses offered, Sanctioned Strength of Students and Enrolment details

S. NO.	Name of the Programme / Branch of study	Sancti oned Streng th	Enrolment during 2024-25		Total	Community														Existing Students, Strength								Pass Percenta ge of out going batch
			F	M		OC		BC		BCM		MBC/ DNC		SC		SCA		ST		II year		III year		IV year				
						M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
		CT - 35	22	12	34			5	8	4	11	1		2	1					12	22	9	22					
		RD - 35	13	10	23			5	5	2	5			1	1					10	13	9	19					
		HGM B - 5	8		8				3		5									-	7	-	4					
	UG Programme	FS-20	17	3	20			1	1	1	3				1					3	17	7	3					
		Psychology -	7		7				3		1				1					-	7	-	-					
		PT-10	8	1	9			1	1		5									1	8	3	6					
	PG Courses	HGM B - 5	1	-	1						1									-	1	-	-					
	Ph.DProgram me	HGM B	3	1																1	3							
	Diploma Certificate add on Courses (if any)																											
	MOOC/SWAYAM/NPTEL/UGC online courses offered																											
	Total																											

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	
1.	M.Sc HGMB	Indian	Kerala	-	1	1
2.	B.Sc HGMB	Indian	Kerala	-	7	7
3.	CT	Indian	Kerala	3	19	22
4.	PT	Indian	Kerala	1	7	8
5.	RD	Indian	Kerala	6	9	15
6.	FS	Indian	Kerala	2	8	10

13. U.G./P.G. and Research degrees awarded:

S. No	UG		P.G.		Ph.D.		
		Total		Total	FT	PT	Total
1.	CT - 26 PT - 4 RD - 21 FS - 9	60	1	1			

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded :

S. No.	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1	-	-	-	-	-

15.Scholarships Awarded:

S. No.	Nature of Scholarship	P.G.		Ph.D.		Total Amount Rs.
		M	F	M	F	
1	B.C.(State)					
2	B.C.M.(State)					
3	M.B.C./D.N.C.(State)					
4	SC/SCA/ST(National)					
5	SC/SCA/ST(State)					
6	AICTE/UGC Scholarships					
7	Management Scholarships					
8	Loan Scholarship					
9	MoovalurRamamirthamAmmaiyar Scheme					
10	'Pudhumai Penn' (modern woman)					
11	TamizPuthalvan					
12	Others (please Specify the scholarship)					
	Total					

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App	Pas s	App	Pas s	App	Pas s	App	Pas s	App	Pas s	App	Pas s	App	Pa ss	App	Pa ss
1.	CT	34	24	34	24	28	19	28	21	18	17	18	17				
2.	RD	22	10	21	14	26	13	28	24	17		17	17				
3.	PT	9	8	9	8	9	7	9	6	6	5	6	6				
4.	HGM B	8	6	7	7	4	4	4	4	-	-	-	-				
5.	FS	20		20	16	9	6	9	6	9	9	9	9				
6.	Psy	7	5	7	5												
7.	M.Sc., HGMB	1	1	1	1	1	1	1	1								

17. Placement Details:

Name of the Placement co-ordinator: Mr.Aravind P			
Phone/Mobile Number :e-mail: 9809238722/ aravindp@niuniv.com			
Number of Placement Programmes:			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed		
2	Number of Placements obtained through Campus Interview	3	2-
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	For CT, PT, RD internship not completed	-

18. Outstanding achievements by the Faculty Members:

S. No.	Name of the Faculty	Achievements	Agency
1	-		

19. Outstanding achievements by Students:

S.No.	Name of the Student	Achievements	Agency
1	Aishwarya (S4 M.Sc., HGMB) Internship and project	Academic Awards	Stem cell research laboratory, University of Tennessee Health Science Centre. USA
2		Participation in Cocurricular/ hecathan	
3		Research Projects	
4		Research Paper Presentation	
5		Others	

20. Department MeetingsHeld :
BOS,Programme Committee, Course Committee etc.

S.No	Name	Date
1.	BOS	20-02-2025 14-05-2025 (HGMB) 16-05-2025 (CT, PT, RD) 26-05-2025 (FS) 09-06-2025 (Psychology)
2	Programme Committee	CT, PT, RD, HGMB, FS and Psychology (Odd Sem) First - 01-08-2024 Second - 19-09-2024 Third - 04-11-2024 CT, PT, RD, HGMB, FS and Psychology (Even Sem) First - 10-02-2025 Second - 13-03-2025 Third - 05-05-2025
3	Course Committee	S2 CT., PT, RD, FS and HGMB - First Class committee- 3/4/2025 S2 CT., PT, RD, FS and HGMB - Second Class committee- 12/5/2025 S2 CT., PT, RD, FS and HGMB -Third - Class committee- 19/6/2025 S4 & S6 FS HGMB – First Class committee 20/2/2025 S4 & S6 FS HGMB Second Class committee -26/3/2025 S4 & S6 FS HGMB Third Class committee- 15/5/2025 S4 CT., PT, RD - First Class committee- 17/3/2025 S4 CT., PT, RD - Second Class committee- 21/4/2025 S4 CT., PT, RD -Third - Class committee- 23/5/2025 S6 CT., PT, RD - First Class committee- 17/3/2025 S6 CT., PT, RD - Second Class committee- 12/5/2025

S.No	Name	Date
		S6 CT., PT, RD -Third - Class committee- 20/6/2025 S5 FS and HGMB First class committee – 10/7/2023 S5 FS and HGMB Second class committee – 7/9/2023 S5 FS and HGMB-Third class committee – 30/10/2023 S1 CT., PT, RD, FS, HGMB, Psy - First Class committee- 23/9/2024 S1 CT., PT, RD, FS, HGMB, Psy- Second Class committee- 6/11/2024 S1 CT., PT, RD, FS, HGMB, Psy - Third - Class committee- 24/1/2025 S3 FS, HGMB - First Class committee 5/9/2024 S3 FS, HGMB - Second Class committee- 23/10/2024 S3 FS, HGMB -Third - Class committee- 28/11/2024 S3 CT., PT, RD - First Class committee- 23/08/2024 S3 CT., PT, RD - Second Class committee- 14/10/2024 S5 CT., PT, RD - First Class committee- 26/07/2024 S5 CT., PT, RD - Second Class committee- 18/10/2024 S3 &S5 CT., PT, RD -Third - Class committee- 6/12/2024
4	Others	

21. Infrastructure and Research facilities available (Please specify equipments more than TwoLakhs Only) :

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical
	-	-		

22. Extension activities carried out :

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	NSS	-	-	-
2	NCC			
3	YRC			
4	Community engagement	MR children	30.08.2024	Provident home, Perumchilambu
		Old age Men	30.08.2024	SanthiAshramam, Mukkudal
		Primary School Students	6.09.2024	Govt. Primary School, Brahmmapuram
		Cancer patients	7.11.2024	Mother Anna Paliative care, Kulaseharam
5	Government Programmes			
6	National and International days observed	Heart Patients - World Heart Day	28.9.2024 to 30.09.2024	NIMS and NICHE
		Diabetics Patients - World diabetics day	14.11.2024	NIMS
		Students - World AIDS awareness programme	1.12.2024	NICHE
		Women's Day Celebration	3.7.2025	NICHE
		Diabetic Patients - NIMS - World Kidney Day	12.3.2025	NIMS
7	Others			

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library:

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	-	7	No. of titles available	-
2	Books added during the year 2024-25	-	8	No. of CDs and Digital Books Available	-
3	No. of Indian Journals/Magazines	-	9	No. of Foreign Magazines/Journals	-

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
4	No. of data bases available	-	10	No. of Online Journals	-
5	Average No. of students visiting the Library per day	5	11	Average No. of books Issued per day	-
			12	No. of digital books	-
6	Availability of Internet (Specify the Capacity) (e.g. – 8 Mbps etc.,)	Avail able	13	Availability of Language Lab	-
			14	NDL membership 1. Faculty members 2. Students	-

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.
1.			

25.Collaborative Researches :

26.Consultancies undertaken :

27.No. of NET/SET/GATE/CSIR Other Compentetive Examinations Qualified students:

28. MOUs signed :

S.No	Date	MoU signed with	Number of Activities	Remarks
1.	1.10.2024	Olusium Technologies, Kollemcode	-	
2.	1.10.2024	Light OX Ltd, UK	1	
3.	1.10.2024	Lant Medical, UK	1	
4.	8.8.2024	Justice Basheer Ahmed Sayeed College for Women, Chennai	-	

29. Innovations and Best Practices :

S.No	Innovation and Best Practices	Name of the Programme	Date
1	ICT tooles used		
2	Teaching and learning initiatives		
4	Eco friendly and sustainable practices		
5	Industrial and Academic connect activities		

30. Academic Flexibility :

S.N o	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed

31. Membership in professional bodies:

S.No	Name of the Professional Body	No. of members

32. Alumni Meetings held:

S.No	Date	Purpose

33. Any other Information:

NAME OF THE DEPARTMENT: AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY**1. Department Details :**

Name of the Faculty	Allied Health Sciences
Name of the HoD, Phone No. and E-mail ID	Ramsankar S A
Year of Establishment	2019
Telephone Number	8247820995
.Website / E mail	speechandhearingniu@gmail.com

2. Details of Faculty Members and Supporting staff :

S. No.	Name of the Faculty Members and Supporting staff	Qualification	Designation	Specialisation	Experience in years		E-mail ID &Phone/Cell Phone No.
					Teaching	Research	
1.	Ramsankar S A	M.Sc. (ASLP), M.Sc. (Psy), MSW,	Associate Prof & Head	Speech Language Pathology & Neuro Audiology	17	13	ramsaslp@gmail.com
2.	Ananthan A V	MSc Speech and Hearing	AP	Audiology & Speech Language Pathology	5		ananthanaslp@niuniv.com
3.	Anish Bendaict A	MASLP	AP	Audiology & Speech Language Pathology	1yr 5m		anishbenadict@gmail.com
4.	Reshma Nair A	Msc Audiology	AP	Audiology	2yr 8m		reshmaavanish@gmail.com

S. No.	Name of the Faculty Members and Supporting staff	Qualification	Designation	Specialisation	Experience in years		E-mail ID &Phone/Cell Phone No.
					Teaching	Research	
5.	Ashithanandan S	MASLP	AP	Speech Language Pathology	1y 9m		ashithaaslp@gmail.com
6.	Ms Fenisha I S	Speech Language Pathologist Gr I		Speech Language Pathology	1yr 10m		fenishaisaacsolomon@gmail.com
7.	Mr. Maniprasanth	Audiologist Gr I		Audiology	1yr 3m		maniPrasanth29@gmail.com
8.	Ms. Ashmi SK	Speech Language Pathologist Gr II		Speech Language Pathology	-		ashmistephen0502@gmail.com

3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		Chapter s/ Books		API		Ph.D. awarded		Cumulative Scholar s
		24 - 25	Cumulative	24 - 25	Cumulative	24 - 25	Cumulative	24-25	Cumulative	24 - 25	Cumulative	24-25	Cumulative	Ph.D.
1.	Ramsankar S A	1	1	3	9	1								

4.. Research Schemes/Projects undertaken and applied for :

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1	Nil	Nil	Nil	Nil	Nil	Nil

5. a) Participation of the Faculty members, presentation of papers in Congresses/Conferences/Seminars/Workshops, Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Date
1	S.A. Ramsankar	National Conference on Best Clinical Practices in Communication Disorders,	Promoting Awareness of Audiology and Speech-Language	3 rd April, 2025

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Date
		Dysphagia, and Balance Disorders in JSS, Mysuru.	Pathology Courses Among Higher Secondary Students	
2	S.A. Ramsankar	National Conference on Best Clinical Practices in Communication Disorders, Dysphagia, and Balance Disorders in JSS, Mysuru	Understanding the Awareness and Application of Virtual Reality Among Speech-Language Pathologists	4 th April, 2025
3.	Ananthan. A. V	"FlaSH SERIES VIII on Effective Implementation of Evidences into Aphasia Practice: Clinical Evaluation, Interventional Strategies and Practical Steps" at Holy Cross College, Thiruchirapally	Knowledge Attitudes and Practices associated with Augmentative and Alternative Communication among ASLP students doing post graduation in India.	2 nd , 3 rd & 4 th September 2024
4.	Ananthan. A. V	16 th KSB ISHACON, Kochi	Awareness and Attitudes among Primary School Teachers in Kanyakumari District.	30/11/24 & 01/12/24
5.	Ananthan. A. V	16 th KSB ISHACON, Kochi	Knowledge And Attitude Among Nurses Towards Newborn Hearing Screening In Kerala	30/11/24 & 01/12/24
6.	Ananthan. A. V	AWHOCS SLP III Cadance And Communication An Expedition Into Clinical And Research Frontiers Of Prosody And Pragmatics	Comparison of pragmatic profiles in speaking, minimally speaking and non-speaking children with Autism	4 th & 5 th April 2025
7	Ms. Reshma Nair A	16 th KSB ISHACON, Kochi	Knowledge And Attitude Among Nurses Towards Newborn Hearing Screening In Kerala	30/11/24 & 01/12/24
8	Ms. Ashithanadan S	16 th KSB ISHACON, Kochi	Awareness and Attitudes among Primary School Teachers in Kanyakumari District.	30/11/24 & 01/12/24

b) Foreign Faculty/Expert visit to the Department:

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1	Nil	Nil	Nil	Nil	Nil
2	Nil	Nil	Nil	Nil	Nil

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty member	Role	Event	Title	Venue & Date
1.	Mr. Anish Benadict A	Resource Person	State level RCI recognized CRE Seminar titled "Parental Empowerment"	Life Skill Training	07/12/24-09/12/24
2.	Ms. Ashmi S K	Resource Person	State level RCI recognized CRE Seminar titled "Parental Empowerment"	Parental Empowerment	07/12/24-09/12/24

7. Details of Seminars, Conferences, Refresher courses, Webinars Organised :

S. No.	Name of the Faculty member	Congress/Conference/Seminar/ Workshop/Symposia , Webinars etc. organised	State/National / International Level	Date
1.	Mr Abhijith Markose Babu	NICHE ASLP SEMINAR SERIES 1	Institutional	28/01/25
2.	Mr Ananthan. A V	Symposium on Importance of Play in the Assessment and Management of Children with Autism Spectrum Disorder (ASD)	Institutional	28/05/25

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/ SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(p p)
1.	Ramsankar, S. A., & Kala, S	Phonological processes in younger & Older Tamil-Telugu speaking bilingual children	Journal of Monolingual & Bilingual Children	In press	In press	-
2.	Parkavi, P., & Ramsankar, S. A. R	Automated Analysis of Phonoarticulatory Diadochokinesis in Tamil Speakers	Journal of voice	39(3)	2025	848.e1 – 848.e6
3.	Seshagiri, M. P., Purushothaman, A., Thirunavukkarasu, K., & Alagendraraja, R. S,	Efficacy of Altered Frequency Dynamics of Ocular-Vestibular Evoked Myogenic Potentials in Type 2 Diabetes Mellitus	Audiology and Speech Research	20(2)	2024	83-91

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(p p)
4.	Ramesh, K., Thirunavukkarasu, K., & Alagendraraja, R. S	Test-Retest Reliability of Tone Burst-Induced 500 Hz Air-Conduction Masseter Vestibular Evoked Myogenic Potential in Healthy Individual	Journal of Audiology & Otology	28(4)	2024	278–283
5.	Ramsankar, S. A., & Kala, S	Phonological processes in 4.6 to 5.5 years old Tamil-Telugu speaking bilingual children	African Journal of Biomedical Research	27(4s)	2024	3420–3429
6.	Thirunavukkarasu, K., Padmanaban, J., & Ramsankar, S. A	Prevalence of Vestibular Disorders, as seen in a Tertiary Care Hospital	EPRA international journal of Multidisciplinary Research	8(10)	2022	303–311
7.	Jeeno, B.J., Ramsankar, S.A., & Thirunavukkarasu, K,	Community -Based Hearing Rehabilitation of Audiologists- A Survey Study	International Journal of Science and Research	11(8)	2022	1239-1247
8.	Thirunavukkarasu, K., Renifa J, J. M., & Ramsankar, S. A,	Outcomes of cVEMP and oVEMP in Individuals with Tinnitus and Normal Hearing	The international tinnitus journal	26(2)	2022	133–138
9.	Venkatesh, L., Ramsankar, S., Nagaraja M.N., & Pushpa, S,	Phonological processes in typically developing Tamil speaking children and Tamil-Telugu bilingual children	Journal of Indian Speech and Hearing Association-UGC care	24(2)	2010	121-133

9. Details of patents applied/awarded:

S.No.	Name of the Faculty member	Title	Date of filing	Application No.	Award No.
	Nil	Nil	Nil	Nil	Nil

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1				

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO.	Name of the Programme / Branch of study	Sancti oned Stren gth	Enrolment during 2024-25		Tota l	Community														Existing Students, Strength								Pass Percen tage of out going batch
			F	M		OC		BC		BCM		MBC/ DNC		SC		SCA		ST		II year		III year		IV year				
						M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	UG Programme	25	17	8	25	2	5	4	9	2	2	1	-	-	-	-	-	-	-	4	20	2	11	1	7	100%		
	PG Courses																											
	Ph.D Programme																											
	Diploma Certificate add on Courses (if any)																											
	MOOC/SWA YAM/NPTEL/ UGC online courses offered																											
	Total																											

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	

13. U.G./P.G. and Research degrees awarded:

S. No	UG		P.G.		Ph.D.		
		Total		Total	FT	PT	Total
1.	1 st Batch	25					
2.	2 nd Batch	9					

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded :

S. No.	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1					

15.Scholarships Awarded:

S. No.	Nature of Scholarship	P.G.		Ph.D.		Total Amount Rs.
		M	F	M	F	
1	B.C.(State)					
2	B.C.M.(State)					
3	M.B.C./D.N.C.(State)					
4	SC/SCA/ST(National)					
5	SC/SCA/ST(State)					
6	AICTE/UGC Scholarships					
7	Management Scholarships					
8	Loan Scholarship					
9	Moovalur Ramamirtham Ammaiyar Scheme					
10	'Pudhumai Penn' (modern woman)					
11	Tamiz Puthalvan					
12	Others (please Specify the scholarship)					
	Total					

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App	Pas s	App	Pas s	App	Pas s	App	Pas s	App	Pas s	App	Pas s	App	Pa ss	App	Pa ss
	BASL P	25	13	-	-	24	13	24	18	13	7	13	13	-	-	9	9

17. Placement Details:

Name of the Placement co-ordinator: Ms. Reshma Nair A			
Phone/Mobile Number :e-mail: 8300366916/reshmaavanish@gmail.com			
Number of Placement Programmes:02			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	1	4
2	Number of Placements obtained through Campus Interview	-	-
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	1	0.67

18. Outstanding achievements by the Faculty Members:

S. No.	Name of the Faculty	Achievements	Agency
1	Mr. Ananthan A V	Third price for the scientific Paper: "Knowledge Attitudes and Practices associated with Augmentative and Alternative Communication among ASLP students doing post graduation in India." During the national conference HCC FLASH VIII titled- Effective Implementation of Evidences into Aphasia Practice: Clinical Evaluation, Interventional Strategies and Practical Steps conducted on September 2, 2024	Holy Cross College, Thiruchirapally

19. Outstanding achievements by Students:

S.No.	Name of the Student	Achievements	Agency
1	T. Ashrene Vivina Steni Nada Fathima Anjana Priju Fathima Christa Mariam Hasana Mariam Hessa Haseef Johanna Antony Lulu Fathima Asiya Nazrin Febia C G	Academic Awards	Holy Cross College, Trichy
2	-	Participation in Cocurricular/ hecathan	-
3	-	Research Projects	-
4	Fathima Rehana	Research Paper Presentation	Holy Cross College, Trichy
5	-	Others	-

20. Department Meetings Held :
BOS,Programme Committee, Course Committee etc.

S.No	Name	Date
1.	BOS	24/02/25, 26.06.25
2	Programme Committee	16/07/2024, 6/08/2024, 17/09/2024, 2/12/2024, 11/12/2024, 27/2/2025, 28/3/2025
3	Course Committee	-
4	Others	

21. Infrastructure and Research facilities available (Please specify equipments more than Two Lakhs Only) :

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/ Others	Quantity	Purpose Research/Practical
1.	Audiology	ClinicalDiagnosticAudiometer-MA 42	1	Hearing assessment/ clinical Practicals for students
2.	Audiology	MiddleEarAnalyser-MAICOMI 26	1	Middle ear assessment/ clinical Practicals for students
3.	Audiology	PortableMiddleEarAnalyser- MEDRX OTOWAVE Tympanometer	1	Middle ear assessment/ clinical Practicals for students
4.	Audiology	ClinicalBSEAR	1	Electrophysiology/ clinical Practicals for students
5.	Audiology	OAEScreener-MAICOEroscan	1	Hearing Screening/ clinical Practicals for students
6	Speech	RMSHelios401	1	Speech assessment / clinical Practicals for students
7	Speech	Dr. Speech Lab	1	Speech assessment / clinical Practicals for students

22. Extension activities carried out :

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	NSS	-	-	-
2	NCC	-	-	-
3	YRC	-	-	-
4	Community engagement	Newborn Babies	Every Saturday	Rathna Memorial hospital, Swamiyarmadam
5	Government Programmes	Person with Speech & hearing disabilities	23 rd October to 29 th November	Govrenment hospitals around nagercoil

S. No.	Name of the Activity	Beneficiaries	Date	Venue
6	National and International days observed	-	-	-
7	Others	-	-	-

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library: Mr. Anandhan & Ms. Fenisha

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	171	7	No. of titles available	
2	Books added during the year 2024-25	25	8	No. of CDs and Digital Books Available	
3	No. of Indian Journals/Magazines	3	9	No. of Foreign Magazines/Journals	1
4	No. of data bases available	-	10	No. of Online Journals	-
5	Average No. of students visiting the Library per day	10	11	Average No. of books Issued per day	3
			12	No. of digital books	-
6	Availability of Internet (Specify the Capacity) (e.g. – 8 Mbps etc.,)	1	13	Availability of Language Lab	-
			14	NDL membership 5. Faculty members 6. Students	-

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.
1.	Projector	Projector, Remote, Power Cable, Vga Cable, Manual Model Name :EB-S31 Part Number: B0171OSCK2 Color: White Maximum Brightness: 3200 lm Light Source: 277 Projection Ratio: 4:3	04
2.	Interactive board	Brand: Specktron Input Type: Pen Based, Finger Touch Operating System: Android Contrast: 1200:1 Number of Color: 16.7M (8-bit) Model: SDX-55 View Angle: 178 Degree Screen Type: Direct lit LED Resolution: 1920 X 1080	01

25. Collaborative Researches : Nil

26.Consultancies undertaken : New born hearing screening at Rathna Memorial Hospital, Swamiyarmadam (Every Saturday services provided)

27.No. of NET/SET/GATE/CSIR Other Compentetive Examinations Qualified students:
Nil

28. MOUs signed :

S.No	Date	MoU signed with	Number of Activities	Remarks
1.	22/03/2024	Rathna Memorial Hospital, Swamiyarmadam	Consultance services- Weekly once	New born hearing screening
2.	23/09/23	Santhinilayam School for mentally challenged, Nargercoil	1 (5/11/24) Camp	Speech & Hearing Screeing for differently abled children
3.	23/05/23	Gedi Gutperla Agasthiyar Muni child care centre, Vellamadam	Students attending Clinical Posting weekly thrice	Speech & Hearing Screeing for differently abled children

29. Innovations and Best Practices :

S.No	Innovation and Best Practices	Name of the Programme	Date
1	ICT tooles used	-	-
2	Teaching and learning initiatives	-	-
4	Eco friendly and sustainable practices	-	-
5	Industrial and Academic connect activities	1. Holy Cross Blossom Special School, Trichy. 2. Institutional visit at AIISH, Mysuru. 3. Institutional visit at JSS, Mysuru.	04-.9-2024 20-02-2025 21.02.2025

30. Academic Flexibility :

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed
	Nil	Nil	Nil	Nil

31. Membership in professional bodies:

S.No	Name of the Professional Body	No. of members
	Indian Speech and Hearing Association-TamilNadu (TAN-ISHA)	1
	Overseas membership in Singapore Speech & Hearing Association (SHAS)	1
	Indian Speech and Hearing Association-Kerala State Branch	3

32. Alumni Meetings held:

S.No	Date	Purpose
1.	29.01.2025	Provide opportunities for professional networking and collaborations. To enhance relationship between alumini and institution.

33. Any other Information:

NAME OF THE DEPARTMENT: BIOMEDICAL ENGINEERING**1. Department Details :**

Name of the Faculty	Faculty of Technology
Name of the HoD, Phone No. and E-mail ID	Dr.M.Murugan, muruganbt@niuniv.com 9486856110
Year of Establishment	2009
Telephone Number	9486856110
Website / E mail	bme@niuniv.com

2. Details of Faculty Members and Supporting staff :

S. No.	Name of the Faculty Members and Supporting staff	Qualification	Designation	Specialisation	Experience in years		E-mail ID &Phone/Cell Phone No.
					Teaching	Research	
1	Dr.M.Murugan	Ph.D	Dean, Professor & HOD	Molecular genetics	23	24	muruganbt@niuniv.com 9486856110
2	Dr. S Albert Jerome	B.E, M.Tech, PhD	ASP	Biomedical Signal Processing	22 Years, 7 Months	-	albertjerome@niuniv.com 8248347028

S. No.	Name of the Faculty Members and Supporting staff	Qualification	Designation	Specialisation	Experience in years		E-mail ID &Phone/Cell Phone No.
					Teaching	Research	
3	Dr.I.Sowmy	Ph.D	Associate Professor	Wireless Communication	20	16	sowmy@niuniv.com 9994703309
4	Ms.Anusha Linda Kostka JE	M.E., M.Tech	Assistant Professor	Computer Science and Engineering, Data Science and Engineering	25	-	anushalindakostka@niuniv.com , 9442178534
5	Ms.Lisha Daniel	M.E	Assistant Professor	Bio sensors and Medical Instrumentation, Neural Engineering	8	2	lishadaniel@niuniuniv.com 7639241642
6	Mr.SureshJeyasingh.C	BE,ME(AE)	ASSISTANT PROFESSOR	Bio Control System	4	-	sjsuresh123@gmail.com 9994039731
7	Ms.JospineShiney.M.R	M.Tech	Teaching Assistant	Biomedical Engineering	0.6	-	jospineshiney@niuniv.com 9488878206

3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		Chapter s/ Books		API		Ph.D. awarded		Cumulative Scholars
		24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	Ph.D.
1.	Dr.M.Murugan	12	12	5	72	93	610	2	4	165	165	1	1	6
2.	Dr. S Albert Jerome	5	7	6	27	55	105	0	0	140	130	1	1	5
3.	Dr.I.Sowmy	2	2			9								5

4. Research Schemes/Projects undertaken and applied for :

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1	Dr.M.Murugan	Muthu Neuro Centre, Nagercoil	Hand tremor prototype development	Augst 24	April 25	5,15,000.00

5. a) Participation of the Faculty members, presentation of papers in Congresses/Conferences/Seminars/Workshops, Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Date
1.	Dr.M.Murugan	International Conference BIOMED '25, Department of BME, NICHE	Solo Guard Smart Wearable For Lone Workers	29-04-2025
2.	Dr. S Albert Jerome	Conference	Deep Learning Approaches for Microcalcification Detection in Digital Breast Tomosynthesis	16-12-2024
3.	Dr.I.Sowmy	FDP/Online	Advanced Technologies for Smart Power Systems - ATAL	February 10, 2025 to February 15, 2025
4.	Dr.I.Sowmy	FDP/NICHE	Bioimaging and Signal Processing	May 26, 2025 to May 30, 2025
5.	Dr.I.Sowmy	IEEE 8th International Conference on Trends in Electronics and Informatics (ICOEI-2025)/SCADA College of Engineering and Technology, Tirunelveli.	Anomalous Behaviour Detection Using Optimized VGG-Densenet from Crowded Video Scenes/SCOPUS	25-04-2025
6.	Dr.I.Sowmy	IEEE 8th International Conference on Trends in Electronics and Informatics (ICOEI-2025)/SCADA College of Engineering and Technology, Tirunelveli.	Fractional Adadelta Chameleon Swarm Algorithm Enabled DenseNet for Epileptic Seizure Detection/SCOPUS	25-04-2025
7.	Dr.I.Sowmy	Fifth International Conference on Control, Instrumentation, Communication, and Computational Technologies—ICCICCT 2025/NICHE	Advancing Satellite Communication: A Survey on Constellation Architectures, Emerging Technologies, and Security Frameworks	24-4-2025
8.	Dr.I.Sowmy	International Conference on Emerging Technologies In	A hybrid deep learning approach for automated	3-4-2025

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Date
		Engineering and Applied Sciences, (ICETEAS 2025)/NICHE	stroke detection and classification from ct images	
9.	Dr.I.Sowmy	International Conference on Emerging Technologies In Engineering and Applied Sciences, (ICETEAS 2025)/NICHE	Automated diabetic retinopathy detection using efficientnet-b5 and cbam : a deep learning approach for ENHANCED SCREENING	3-4-2025
10.	Dr.I.Sowmy	International Conference on Emerging Technologies In Engineering and Applied Sciences, (ICETEAS 2025)/NICHE	ADVANCES IN CROWD ANOMALY DETECTION: A REVIEW	3-4-2025
11.	Dr.I.Sowmy	International Conference on Emerging Technologies In Engineering and Applied Sciences, (ICETEAS 2025)/NICHE	RECENT ADVANCES IN EPILEPTIC SEIZURE DETECTION FROM EEG SIGNALS USING DEEP LEARNING – A COMPREHENSIVE REVIEW	3-4-2025
12.	Dr.I.Sowmy	International Conference on Emerging Technologies In Engineering and Applied Sciences, (ICETEAS 2025)/NICHE	REVIEW ON MICROWAVE ANTENNAS AND ANTENNA ARRAYS FOR MICROWAVE BREAST IMAGING SYSTEMS	3-4-2025
13.	Dr.I.Sowmy	International Conference on Emerging Technologies In Engineering and Applied Sciences, (ICETEAS 2025)/NICHE	PHASE CANCELLATION METHODS IN RCS REDUCTION: A SYSTEMATIC REVIEW	3-4-2025
14.	Dr.I.Sowmy	International Conference on Emerging Technologies In Engineering and Applied Sciences, (ICETEAS 2025)/NICHE	DESIGN AND ANALYSIS OF ULTRA-WIDEBAND CIRCULAR MONOPOLE ANTENNA WITH DEFECTED GROUND STRUCTURE (DGS)	3-4-2025
15.	Dr.I.Sowmy	IEEE 2025 3rd International Conference on Intelligent Systems, Advanced Computing and Communication (ISACC)Silchar, India, 2025,	1-Bit Coding Metasurface for RCS Reduction	27-2-2025
16.	Ms.Lisha Daniel	Longevity Asia symposium. "Living Longer, Living Better: A Symposium		September 20-21, 2024

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Date
		on Longevity and Health” organised by RhenixLifeScience and International Institute for Population Sciences.		
17.	Ms.Lisha Daniel	“International Conference on Biomedical Virtualization, Prosthetics & Robotic Science (ICBVPR'24)”conducted by Atheenapandian Private Limited.		16-08-2024 and 17-08-2024
18.	Ms.Lisha Daniel	Contributed to an article for World Women in Neuroscience Newsletter.	Exercise and Neuroinflammation	April 2025

b) Foreign Faculty/Expert visit to the Department:

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1					

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty member	Role	Event	Title	Venue & Date
1.	Dr.M.Murugan	Doctoral Committee Member	PreViva	Maonmaniam Sundaranar University	Malankara catholic College, 12-04-2025
2.	Dr.M.Murugan	Doctoral Committee Member	DC Meeting	Maonmaniam Sundaranar University	Malankara catholic College , 15-04-25
3.	Dr.M.Murugan	Doctoral Committee Member	DC Meeting	Maonmaniam Sundaranar University	Malankara catholic College , 15-04-25
4.	Dr.M.Murugan	Doctoral Committee Member	DC Meeting	Maonmaniam Sundaranar University	Malankara catholic College , 15-04-25
5.	Dr.M.Murugan	Doctoral Committee Member	DC Meeting	Maonmaniam Sundaranar University	CMST, 22-4-25
6.	Dr.I.Sowmy	Doctoral Committee Member	DC Meeting	Anna University DC meeting	Online/16-4-2025
7.	Dr.I.Sowmy	Doctoral Committee Member	DC Meeting	Anna University DC meeting	Online/22-5-2025

S. No.	Name of the Faculty member	Role	Event	Title	Venue & Date
8.	SURESH JEYA SINGH.C	Resource Person	Work shop	Arduino Ide-Programming And Demonstration	CSE Smart Class Room & Aero Space Computer Lab 20-02-2025

7. Details of Seminars, Conferences, Refresher courses, Webinars Organized:

S. No.	Name of the Faculty member	Congress/Conference/Seminar/ Workshop/Symposia , Webinars etc. organized	State/National/ International Level	Date
1.	Ms.Lisha Daniel	Webinar On “Unlocking Professional Opportunities: The Power of LinkedIn”	State	06/09/2024
2.	Ms.Lisha Daniel	Workshop On “ADVANCED LEVEL HANDS ON TRAINING AND TROUBLESHOOTING OF CRITICAL CARE EQUIPMENT”	State	24/10/2024 & 25/10/2024
3.	Ms.Lisha Daniel	Seminar on “The future of Biomedical Engineering and Advancements”	State	05-12-2024
4.	Dr.M.Murugan	GUEST LECTURE ON ‘JOB ROLES IN BIOMEDICAL ENGINEERING’	State	04/02/2025
5.	Mr.SureshJeya Singh	Workshop on “ARDUINO IDE-PROGRAMMING AND DEMONSTRATION”	State	20-02-2025
6.	Dr.M.Murugan	SDP on Career Prospects in BME	State	21-02-2025
7.	Ms.Lisha Daniel	International Conference on Recent Advances in Engineering, Science and Technology	International	29.04.2025
8.	Ms.M.R.JospineShiney	SDP on IMPORTANCE OF SOFT SKILLS AND HARD SKILLS BASED ON CAREER PROSPECTS	State	22.05.2025
9.	Ms.Lisha Daniel	Professional Development Programme on “Shaping the Future: AI in Cardiac Technology”	State	23.05.2025

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus /SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
1.	Murugan Manavalan	Agro-waste of Senna alata (L.) Roxb. stem: a sustainable biofiber material for lightweight composites and diverse applications	Cellulose - SCI	32 - 1	2025	383–412
2.	Murugan Manavalan	The Effect of Fish Amino Acid on Germination and Growth of Green Gram (Vignaradiata).	Tropical Journal of Natural Product Research – Scopus	8 (10)	2024	8774
3.	Jesline Jeme V and Albert Jerome S	Efficient MRI image enhancement by improved denoising techniques for better skull stripping using attention module-based convolution neural network	Computer Methods in Biomechanics and Biomedical Engineering: Imaging & Visualization			
4.	Jasna, K. S., Albert Jerome	Optimized DL Approach for Microcalcification Analysis in Digital Breast Tomosynthesis	SSRG International Journal of Electrical and Electronics Engineering			
5.	Indhu Shalini G, Sowmy I	Adadelta-CSA: Adadelta-Chameleon Swarm Algorithm for EEG-Based Epileptic Seizure Detection	International Journal of Computational Intelligence and Applications/ SCOPUS	24(1)	Nov 2024	2450030

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus /SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
6.	G Indu Salini, I Sowmy, TK Sreeja	FrAdadelta-CSA: Fractional Adadelta Chameleon Swarm Algorithm-based feature selection with SpikeGoogle-DenseNet for epileptic seizure detection	Computational Biology and Chemistry/SCI	119	June 2025	108550
7.	PS Rohini, Sowmy I	Improved bounding box segmentation technique for crowd anomaly detection with optimal trained convolutional neural network	Network: Computation in Neural Systems/SCI	36(3)	March 2025	1-54
8.	A.R.Shahina , Sowmy I	Advanced Hybrid Method for Precise Identification and Categorization of Brain Stroke from CT Images	SSRG International Journal of Electronics and Communication Engineering/SCOPUS	11(10)	October 2024	135-148
9.	Jasni A., Sowmy I	HR-NET: Revolutionizing Diabetic Retinopathy Diagnosis with High-Resolution Analysis	SSRG International Journal of Electronics and Communication Engineering/SCOPUS	11(5)	August 2024	65-76
10.	P.S. Rohini, I. Sowmy	Hybrid VGG-DenseNet for anomalous behaviour detection in crowded video scenes	2024 Journal International Journal of Security and Networks/SCOPUS	19(4)	Jan 2025	199-209

9. Details of patents applied/awarded:

S.No	Name of the Faculty member	Title	Date of filing	Application No.	Award No.
1	Dr.M.Murugan	A System and Method for Measuring Arterial Stiffness Using Finger Pulse Photoplethysmography	28-1-25	202541007117	Published & FER status
2	Dr. I.Sowmy	Digital and live text to braille and audio converter	25/07/2023	202341050129	549680/Date of Grant: 05/09/2024
3	Dr. I.Sowmy	EEG-Guided Transcutaneous Vagus Nerve Stimulation(tVNS) System for Seizure Control	06/02/2025	202541010121	Examination/published date:14/02/2025
4	Suresh jeyasingh.c	Electric hydrogen fuel cell hybrid bus	14-05-2024	416932-001	09-07-2024
5	Suresh jeyasingh.c	Self propelled electric skate equipped with hub motors	07-10-2024	433096-001	16-12-2024
6	Suresh jeyasingh.c	Solar powered hydrofoil unmanned patrol vessel	14-05-2024	416931-001	02-09-2024
7	Suresh jeyasingh.c	Modular drone for agriculture	01-05-2024	415512-001	08-04-2025

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1				

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO.	Name of the Programme / Branch of study	Sancti oned Stren gth	Enrolment during 2024-25		Tota l	Community														Existing Students, Strength								Pass Percen tage of out going batch
			F	M		OC		BC		BCM		MBC/ DNC		SC		SCA		ST		II year		III year		IV year				
						M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
	UG Programme	60	9	19	28	3	1	14	8	-	-	-	-	-	-	-	-	2	0	10	5	7	11	8	3	100%		
	PG Courses																											
	Ph.DProgram me																											
	Diploma Certificate add on Courses (if any)																											
	MOOC/SWA YAM/NPTEL/ UGC online courses offered																											
	Total	60	9	19	28	3	1	14	8	-	-	-	-	-	-	-	-	2	0	10	5	7	11	8	3	100%		

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	
1	B.E,BME	Indian	Kerala	11	5	16
2	B.E,BME	Indian	Manipur	2	0	2

13. U.G./P.G. and Research degrees awarded:

S. No	UG		P.G.		Ph.D.		
		Total		Total	FT	PT	Total
		7					

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded :

S. No.	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1	NIL				

15.Scholarships Awarded:

S. No.	Nature of Scholarship	P.G.		Ph.D.		Total Amount Rs.
		M	F	M	F	
1	B.C.(State)					
2	B.C.M.(State)					
3	M.B.C./D.N.C.(State)					
4	SC/SCA/ST(National)					
5	SC/SCA/ST(State)					
6	AICTE/UGC Scholarships					
7	Management Scholarships					
8	Loan Scholarship					
9	MoovalurRamamirthamAmmaiyar Scheme					
10	'Pudhumai Penn' (modern woman)					
11	TamizPuthalvan					
12	Others (please Specify the scholarship)					
	Total					

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App	Pas s	App	Pas s	App	Pas s	App	Pas s	App	Pas s	App	Pas s	App	Pa ss	App	Pa ss
	B.E Biom edical Engin eering			26	16	15	7	15	7	18	4	17	14	11	10	11	11

17. Placement Details:

Name of the Placement co-ordinator: Anusha Linda Kostka J E			
Phone/Mobile Number :e-mail: 9442178534 / anushalindakostka@niuniv.com			
Number of Placement Programmes:			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	8	3
2	Number of Placements obtained through Campus Interview	8	3
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	1	1

18. Outstanding achievements by the Faculty Members:

S. No.	Name of the Faculty	Achievements	Agency
1.	Dr.M.Murugan	Academic Excellence Award	NICHE
2.	Dr.M.Murugan	Appreciation Award	Electrotherapy Council
3.	Dr.S.Albert Jerome	Academic Excellence Award	NICHE
4.	Dr.I.Sowmy	Academic Excellence Award	NICHE
5.	Ms.Lisha Daniel	Academic Excellence Award	NICHE

19. Outstanding achievements by Students:

S.No.	Name of the Student	Achievements	Agency
1.	B. Jincy Bassilia of III Year BME	First prize in Paper Presentation & First Place in the technical events category	Spring Fest 2k24 Symposium conducted by KSR college of Engineering.
2.	B. JincyBassiliaof III Year BME	First in NICHE Scholarship Exam and won a fully funded trip to the UK to attend an AI conclave and observe the proceedings of the UK Parliament.	NICHE
3.	B. JincyBassiliaof III Year BME	Shortlisted in the Pre- finals of ICT Academy Youth Talk 2024, and stood in the top 20% in the Region.	ICT Academy
4.	Unnikrishnan S.P. of III Year BME	Kala Prathiba during Pravaha 2025. Art from waste: 2 nd , Light Music Solo: 1 st , Classical Solo: 1 st , Folk Group Song: 2 nd , Western Song: 2 nd	NICHE
5.	Siddharth of III Year BME	Art from Waste: 2 nd during Pravaha 2025.	NICHE
6.	Greeshma of III Year BME	Essay writing (Malayalam): 3 rd duringPravaha 2025.	NICHE

S.No.	Name of the Student	Achievements	Agency
7.	Akhil of III Year BME	Malayalam Elocution: Consolation Prize during Pravaha 2025.	NICHE
8.	JincyBassilia of III Year BME	Art from Waste: 2 nd , English Elocution: 2 nd during Pravaha 2025.	NICHE
9.	Vismaya V.R., Hena .V, Lani S. J., Greeshma G.S.	Awarded 'Best Startup' in INNOVISTA-25 for their Startup Voxelcraft	NICHE
10.	Christilda of III Year BME	Versification (Tamil): 1 st , Versification (English): 2 nd during Pravaha 2025.	NICHE

20. Department MeetingsHeld :
BOS,Programe Committee, Course Committee etc.

S.No	Name	Date
1.	Programme Committee	01-08-2024
2.	Class Committee (S5 & S7)	14-08-2024
3.	Programme Committee	23-09-2024
4.	Class Committee (S3)	05-09-2024
5.	Class Committee (S5 & S7)	03-10-2024
6.	Class Committee (S3)	23-10-2024
7.	Programme Committee	04-11-2024
8.	Department faculty meeting	
9.	Class Committee (S5 & S7)	13-11-2024
10.	Class Committee (S3)	28-11-2024
11.	Department Meeting	
12.	Programme Committee	10-02-2025
13.	Class Committee (S6 & S4)	20-02-2025
14.	BOS Meeting	24-02-2025
15.	Department Meeting	
16.	Programme Committee	13-03-2025
17.	Class Committee (S6 & S4)	26-03-2025
18.	Programme Committee	05-05-2025
19.	Class Committee (S6 & S4)	15-05-2025
20.	BOS Meeting	03-06-2025

21. Infrastructure and Research facilities available (Please specify equipments more than TwoLakhs Only) :

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical

22. Extension activities carried out :

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	NSS			
2	NCC			

S. No.	Name of the Activity	Beneficiaries	Date	Venue
3	YRC			
4	Community engagement			
5	GovernemntProgrammes			
6	World Biomedical Engineering day	BME Students	05-12-2024	CSE Smartclass room
7	Others			

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library: Mr.SureshJeyaSingh.C

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	622	7	No. of titles available	30
2	Books added during the year 2023-24	-	8	No. of CDs and Digital Books available	-
3	No. of Indian Journals/Magazines	5	9	No. of Foreign Magazines/Journals	-
4	No. of data bases available	-	10	No. of Online Journals	-
5	Average No. of students visiting the Library per day	5	11	Average No. of books Issued per day	5
			12	No. of digital books	-
6	Availability of Internet (Specify the Capacity) (e.g. – 8 Mbps etc.,)		13	Availability of Language Lab	-
			14	NDL membership 7. Faculty members 8. Students	

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.

25.CollaborativeResearches :

26.Consultanciesundertaken

27.No. of NET/SET/GATE/CSIR Other Compentetive Examinations Qualified students:

1.B. JincyBassilia qualified GATE 2025 with 28.67 marks (Cutoff: 26.2) with an AIR of 328 and a GATE Score of 341(Biomedical Engineering).

28. MOUs signed :

S.No	Date	MoU signed with	Number of Activities	Remarks
1.	16-02-2023	Indian Biomedical Skill Consortium at AMTZ Campus, Visakhapatnam	-	

S.No	Date	MoU signed with	Number of Activities	Remarks
2.	20-02-2023	Cyrix Healthcare Private Limited, Ernakulam, Kerala)	-	
3.	15-03-2023	Atheena Pandian Pvt.Ltd.,Courtallam, TN	1	WEBINAR ON "UNLOCKING PROFESSIONAL OPPORTUNITIES: THE POWER OF LINKEDIN" 06/09/2024
4.	24-04-2023	Tejas Translational Technologies Private Limited	-	
5.	12-4-24	KAV Biomedical Equipment Training and Education	1	Workshop on "ADVANCED LEVEL HANDS ON TRAINING AND TROUBLESHOOTING OF CRITICAL CARE EQUIPMENT" 24/10/2024 & 25/10/2024
6.	04-02-2025	Leeway Biomedical	1	GUEST LECTURE ON 'JOB ROLES IN BIOMEDICAL ENGINEERING' 04/02/2025
7.	19-02-2025	Glitter Biomedical Institute	1	SDP on Career Prospects in BME 21-02-2025

29. Innovations and Best Practices :

S.No	Innovation and Best Practices	Name of the Programme	Date
1	ICT tooles used		
2	Teaching and learning initiatives		
4	Eco friendly and sustainable practices		
5	Industrial and Academic connect activities		

30. Academic Flexibility :

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed
	B. JincyBassilia completed NPTEL Course on "Demystifying the Brain" with 62% and earned Elite Certification.			
	Anto Cruz Diodus. A completed the NPTEL Course on "Biomechanics" with 60% and secured Elite certification			
	Unnikrishnan S.P. completed the NPTEL Course on "Biomechanics" with 60% and secured Elite certification.			
	B. JincyBassilia completed the NPTEL Course on "Biomechanics" with 78% and secured Silver Medal Certification.			
	B. JincyBassilia completed the NPTEL Course on "Drug Delivery: Principles and Engineering" with 64% and secured Elite certification.			
	Christilda X.J. completed the NPTEL Courses on 'An Introduction to Embedded System Design' with 64% and secured Elite Certification.			

31. Membership in professional bodies:

S.No	Name of the Professional Body	No. of members

32. Alumni Meetings held:

S.No	Date	Purpose
	27-12-2024	Planning for the 15 th year

33. Any other Information:

1. The first student startup of NICHE named '**Voxelcraft**' by four Third Year Students **Hena. V, Vismaya V.R., Lani S.J. and Greeshma G.S.** was inaugurated on 09.01.2025 under the guidance of Dr. M. Murugan and Ms. Lisha Daniel.
2. A project by Final year students **Lathiksha.C, RifanaMunnaand Patrick Dewager** was offered institutional seed money for their project "**Sologuard: Smart Wearable for Lone Workers**" guided by Ms. Lisha Daniel.

NAME OF THE DEPARTMENT: CHEMISTRY

1. Department Details :

Name of the Faculty	Science & Humanities
Name of the HoD, Phone No. and E-mail ID	Dr. J. Joseph Mob:8610748179
Year of Establishment	1989
Telephone Number	-
Website / E mail	joseph@niuniv.com

2. Details of Faculty Members and Supporting staff :

S. No.	Name of the FacultyMembers and Supporting staff	Qualification	Designation	Specialisation	Experience in years		E-mail ID &Phone/Cell Phone No.
					Teaching	Research	
1	Dr.M.Sankaranarayana Pillai	PhD	Professor	Inorganic Chemistry	54	32	9442077787 msankars@yahoo.com
2	Dr.J.Joseph	PhD	Associate Professor	Bioinorganic chemistry	16	14	9489486295 josephniche@gmail.com
3	Dr.T.M.Sharmila	PhD	Asst. Professor	Bioinorganic chemistry	17	11	9486089576 caalwinrs@gmail.com
4	Dr. E. H. Edinsha Gladis	M.Phil	Teaching Assistant	Organic Chemistry	9	7	9751252665 edinsha@gmail.com
5	Mrs. D. Arthi	M.Phil	Teaching Assistant	Organic Chemistry	8	6	98943-10284 arthiabs27@gmail.com
6	Ms.J.Michael Ahitha Jose	M.Phil	Teaching Assistant	Organic Chemistry	7	5	75984-03323 michaelahitha@gmail.com

3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		Chapter s/ Books		API		Ph.D. awarded		Cumulative Scholars
		24 - 25	Cumulative	24 - 25	Cumulative	24 - 25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	Ph.D.
1	Dr.M.Sankaranarayana Pillai													
2	Dr.J.Joseph													
3	Dr.T.M.Sharmila													
4	Dr. E. H. Edinsha Gladis													
5	Mrs. D. Arthi													
6	Ms.J.Michael Ahitha Jose													

4.. Research Schemes/Projects undertaken and applied for :

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1						

5. a) Participation of the Faculty members, presentation of papers in Congresses/Conferences/Seminars/Workshops, Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Date
1				

b) Foreign Faculty/Expert visit to the Department: Nil

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1					

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty member	Role	Event	Title	Venue & Date
1	Dr. J. Joseph	External Experts	Doctoral committee meeting	Research monitoring meeting	M S University & 08.09.2023
2	Dr. J. Joseph	External Experts	Doctoral committee meeting	Research monitoring meeting	M S University & 22.04.2024

7. Details of Seminars, Conferences, Refresher courses, Webinars Organised :

S. No.	Name of the Faculty member	Congress/Conference/Seminar/ Workshop/Symposia , Webinars etc. organised	State/National/ International Level	Date

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/ SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)

9. Details of patents applied/awarded:

S.No.	Name of the Faculty member	Title	Date of filing	Application No.	Award No.

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1	J. Joseph, E.H. Edinsha Gladis	Fuel Cell	Chitram Pub.	2024
2	J. Joseph, E.H. Edinsha Gladis	Perspectives of Hydrogen Production	Chitram Pub.	2024

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO.	Name of the Programme / Branch of study	Sanctioned Strength	Enrolment during 2024-25		Total	Community														Existing Students, Strength						Pass Percentage of outgoing batch
			F	M		OC		BC		BCM		MBC/DNC		SC		SCA		ST		II year		III year		IV year		
						M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	UG Programme																									
	PG Courses	5	2	0		2													0	4						100
	Ph.D Programme																									
	Diploma Certificate add on Courses (if any)																									
	MOOC/SWAYAM/ NPTEL/UGC online courses offered																									
	Total																									

12. Enrolment of Students from Overseas and other States: Nil

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	

13. U.G./P.G. and Research degrees awarded: Nil

S. No	UG		P.G.		Ph.D.		
		Total		Total	FT	PT	Total

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded : Nil

S. No.	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1					

15.Scholarships Awarded: Nil

S. No.	Nature of Scholarship	P.G.		Ph.D.		Total Amount Rs.
		M	F	M	F	
1	B.C.(State)					
2	B.C.M.(State)					
3	M.B.C./D.N.C.(State)					
4	SC/SCA/ST(National)					
5	SC/SCA/ST(State)					
6	AICTE/UGC Scholarships					
7	Management Scholarships					
8	Loan Scholarship					
9	Moovalur Ramamirtham Ammaiyar Scheme					
10	'Pudhumai Penn' (modern woman)					
11	Tamiz Puthalvan					
12	Others (please Specify the scholarship)					
	Total					

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass
1	M.Sc Chemistry					4	4	4	4	NA	NA	NA	NA	NA	NA	NA	NA
2	M.Sc Env and Clim. Change	1	1	1	1					NA	NA	NA	NA	NA	NA	NA	NA

17. Placement Details:

Name of the Placement coordinator :				Dr. T.M. Sharmila	
Phone/Mobile Number				9486089576; E-mail:caalwinrs@gmail.com	
Number of Placement Programmes:					
S. No.	Particulars	Numbers of students placed			
		Male		Female	
1	Number of Students Placed	Nil		2	
2	Number of Placements obtained through Campus Interview	0		0	
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	2/4		50%	

18. Outstanding achievements by the Faculty Members: Nil

S. No.	Name of the Faculty	Achievements	Agency
1			

19. Outstanding achievements by Students:

S.No.	Name of the Student	Achievements	Agency
1		Academic Awards	NIIST
2		Participation in Cocurricular/hecathan	Nil
3		Research Projects	NIIST
4		Research Paper Presentation	NIIST
5		Others	Nil

**20. Department Meetings Held :
BOS,Programme Committee, Course Committee etc.**

S.No	Name	Date
1.	BOS	
2	Programme Committee	
3	Course Committee	
4	Others	

21. Infrastructure and Research facilities available (Please specify equipments more than TwoLakhs Only) :

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical
1	Research lab	Rotovapor	1	Research/Practical
2		Electrochemical analyzer	1	Research/Practical
3		UV-Visible spectrophotometer	1	Research/Practical
4		Shimadzu FT IR	1	Research/Practical
5		Laminar Air Flow	1	Research/Practical

22. Extension activities carried out : Nil

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	NSS			
2	NCC			
3	YRC			
4	Community engagement			
5	Governemnt Programmes			
6	National and International days observed			
7	Others			

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library:

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	500	7	No. of titles available	200
2	Books added during the year 2024-25	75	8	No. of CDs and Digital Books available	10
3	No. of Indian Journals/Magazines	50	9	No. of Foreign Magazines/Journals	Nil
4	No. of data bases available	Nil	10	No. of Online Journals	
5	Average No. of students visiting the Library per day	40	11	Average No. of books Issued per day	10
			12	No. of digital books	342
6	Availability of Internet (Specify the Capacity) (e.g. – 8 Mbps etc.,)		13	Availability of Language Lab	NA
			14	NDL membership 1. Faculty members 2. Students	

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.

25.Collaborative Researches : M S University, Tirunelveli**26.Consultancies undertaken : Nil****27.No. of NET/SET/GATE/CSIR Other Compentetive****Examinations Qualified students: Nil**

28. MOUs signed :

S.No	Date	MoU signed with	Number of Activities	Remarks
1	26-06-2024	Galilevasan Offshore & Research and development	Research	

29. Innovations and Best Practices :

S.No	Innovation and Best Practices	Name of the Programme	Date
1	ICT tooles used	M.Sc Chemistry	
2	Teaching and learning initiatives	Student-Centered Learning, ICT-Enabled Learning, Research and Skill integrated learning	
4	Eco friendly and sustainable practices	Green Campus Initiatives, Water Conservation, Community Outreach	
5	Industrial and Academic connect activities	NIIST	Feb 2025

30. Academic Flexibility :

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed
1	Food Technology	Swayam	3	3

31. Membership in professional bodies:

S.No	Name of the Professional Body	No. of members
1	ISCB, IANCAS, ACS	1

32. Alumni Meetings held:

S.No	Date	Purpose

33. Any other Information:

NAME OF THE DEPARTMENT: CIVIL ENGINEERING**1. Department Details :**

Name of the Faculty	Civil Engineering
Name of the HoD, Phone No. and E-mail ID	Dr. V. Thanka Jebarsan;9787303104;jebarsan707@gmail.com
Year of Establishment	2006
Telephone Number	9486856129
Website / E mail	civil@niuniv.com

2. Details of Faculty Members and Supporting staff :

S. No.	Name of the Faculty Members and Supporting staff	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
1	Dr. V. Thanka Jebarsan	M.E, Ph.D	Asst. Professor	Construction Engineering & Management	14Yrs	1Y	Jebarsan707@gmail.com
2	Mr.D.Allwin	M E	Asst. Professor	Hydrology and Water Resources Engineering	16Y 1M	-	allwin@niuniv.com & 9489505032
3	Ms.N.AlexDorwina	M E	Asst. Professor	Hydrology and Water Resources Engineering	15 Y 6 M	-	alexdorwina@gmail.com & 9442271710
4	Mr.S.Mathan Kumar	M E	Asst. Professor	Environmental Engineering	13Y 7 M	-	mathankumar.lingam@gmail.com & 7598289166
5	Dr. Roselin.R	M.Tech., Ph.D	Asst. Professor	Structural Engineering	18 Y 3 M	3Y	roselinkalist12@gmail.com & 8903706756
6	Mr. N. Ajin	M E	Asst. Professor	Construction Engineering & Management	8Y1 0M	-	ajin.nithin@gmail.com & 9488567591

S. No.	Name of the Faculty Members and Supporting staff	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
7	Ms. Abisha Y	M.E	Asst. Professor	Construction Engineering & Management	5Y 4M	-	abishajose19@gmail.com & 7598481878
8	Mrs. J. Divya Johns	M.E	Asst. Professor	Structural Engineering	11Y 9M	-	divyajohns19@gmail.com & 9487611185

3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		Chapter s/ Books		API		Ph.D. awarded		Cumulative Scholars
		24 - 25	Cumulative	24 - 25	Cumulative	24 - 25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	Ph.D.
1	J Divya Johns		2		2		17							
2	Dr. Roselin R	1	1	-	8	1	6	-	-			-	-	5
3	Y Abisha	1	1	1			6							
4	Dr. V. Thanka Jebarsan	1	1	1	1									6

4.. Research Schemes/Projects undertaken and applied for :

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1	D. Allwin	TNCSST	Delineation of Permeable Zone for Groundwater Recharge	Applied		3,88,000

5. a) Participation of the Faculty members, presentation of papers in Congresses/Conferences/Seminars/Workshops, Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Date
1	Dr.V.Thankabarsan	FDP-AICTE Training and Learning	Sustainable Infrastructure and Disaster Management: Pathways to a Resilient Future	17-02-25 to 22-02-25
2	Dr.V.Thankabarsan	FDP- NICHE	Faculty Development Program in Workflow Automation with AI in Excel/ Word	16-12-24 to 20-12-24
3	Dr.V.Thankabarsan	Webinar-Presidency University	Soil Remediation Techniques in Environmental Protection	06-12-2024
4	J Divya Johns	International Conference on Sustainable materials and Technology (ICSMT)/ Centre for sustainable materials and surface metamorphosis and Department of Mechanical Engineering, Chennai	Thermal and Wind action study on supporting structure of composite solar parabolic trough collector with different collector orientation angles	24 th to 26 th April 2025
5	J Divya Johns	International Conference on Sustainable materials and Technology (ICSMT)/ Centre for sustainable materials and surface metamorphosis and Department of Mechanical Engineering, Chennai	Characteristic study on Hybrid Heat Transfer Fluid with the addition of magnesium oxide nanofluid for solar energy absorption	24 th to 26 th April 2025
6	N.Alex Dorwina	Faculty Development Program NPTEL-AICTE, Indian Institute of Technology Bombay	Groundwater Hydrology and Management	January to April-2025
7	N.Alex Dorwina	Faculty Development Program Noorul Islam Centre for Higher Education	Workflow Automation with AI in Excel/ Word conducted by Feather Softwares	December 16, 2024 to December 20, 2024
8	N.Alex Dorwina	Faculty Development Program, Noorul Islam Centre for Higher Education	Next Generation Aerospace and Manufacturing Technologies	26-05-2025 to 30-05-2025
9	N.Alex Dorwina	Faculty Development Program SRM	Research advancements and Applications of Quantum	26-05-2025 to 30-05-2025

S. No.	Name of the Faculty	Congress/Conference/Seminar/Workshop and Venue	Title of the paper	Date
		Institute of Science and Technology, Chennai	Computing	
10	N.Alex Dorwina	Webinar at School of Engineering, Presidency University, Bengaluru	Soil Remediation Techniques in Environmental Protection	06 December 2024
11	J Divya Johns	FDP- Nagaland	Artificial Intelligence (AI) Revolution in 2025	24-03-2025 to 28-03-2025
12	Y Abisha	FDP- Nagaland	Artificial Intelligence (AI) Revolution in 2025	24-03-2025 to 28-03-2025
13	J Divya Johns	FDP- Tirunelveli	Marine Auxiliary machines	16-12-2024 to 20-12-2024
14	Mathan Kumar S	FDP Thiruchirapalli	Emerging Technologies in Civil Engineering-2K25	09-06-2025 to 13-06-2025
15	Mathan Kumar S	FDP- Nanda Engineering College	Recent Trends in Materials Technology	25 th June to 29 th June 2025
16	Mathan Kumar S	International Conference on Smart Infrastructure and Innovation in Civil Engineering, Department of Civil engineering, JP college of Engineering, Tenkasi	Sustainable Water Quality Solutions through Environmental Engineering Innovations	21 st May 2025
17	Mathan Kumar S	National Conference on RECENT TRENDS AND INNOVATIONS FOR THE FUTURE - RIF-2K25, Noorul Islam centre for Higher Education,	"Integrating Artificial Intelligence for Eco-Efficient and resilient Infrastructure Design"	18 th August 2025
18	Mathan Kumar S	National Conference on RECENT TRENDS AND INNOVATIONS FOR THE FUTURE - RIF-2K25, Noorul Islam centre for Higher Education,	"Smart Agriculture through Spatial Decision Support for water and Land Use"	18 th August 2025
19	Mathan Kumar S	National Conference on RECENT TRENDS AND INNOVATIONS FOR THE FUTURE - RIF-2K25, Noorul Islam	Advanced Miltivariate Analysis – Taguchi Method of Optimizing Concrete Mix Design	18 th August 2025

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Date
		centre for Higher Education,		
20	Mathan Kumar S	FDP- Vishlesan i-HUB IIT Patna	AI Mastery for Educators	15 th May to 7 th June 2025
21	Abisha Y	FDP- Vishlesan i-HUB IIT Patna	AI Mastery for Educators	15 th May to 7 th June 2025
22	Dr.ROSELIN. R	International Conference on Science, Engineering and Technology , PSN Engineering College, Tirunelveli.	A review paper on steel fibre reinforced concrete slab	24.10.2025
23	Dr.ROSELIN. R	International Conference on Science, Technology, Engineering and Management. KIT Coimbatore	Sustainable Cement Concrete Development with fly ash, Nano Silica and Glass Fibers reducing Cement usage for enhance Environment Impact	14.03.2025
24	Dr.ROSELIN. R	International Conference on Innovations in Engineering and Technology, NICHE	Review on the Effect of Short Fibers in Textile Reinforced Concrete	3.4.2025
25	Dr.ROSELIN. R	International Conference on Innovations in Engineering and Technology, NICHE	Review on Fibre Reinforced Polymer Rods as Reinforcement in Concrete Structural Elements	3.4.2025
26	Dr.ROSELIN. R	International Conference for emerging trends in Engineering, management and applications,PET Engineering College, Vallioor	Lightweight Aerated Concrete by Adding Sisal Fiber and Partial Replacement of Cement with Silica Fume	30.04.2025
27	Dr.ROSELIN. R	International Conference for emerging trends in Engineering, management and applications, PET Engineering College, Vallioor	Mechanical Behaviour of Concrete Slabs Reinforced with Fibre Reinforced Bars Under Static and Cyclic Loading	30.04.2025
28	Dr.ROSELIN. R	Universal College of Engineering and Technology ,Vallioor.	Impact of the different dosage of steel fiber along with micro silica on the mechanical properties of concrete	09.05.2025

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Date
29	Dr.Roselin.R	International Conference on Advances in Sustainability of materials and Environment, St.Xavier's Catholic College of Engineering Chunkankadai	Behaviour of cement Concrete Slabs Reinforced with Glass Fiber Reinforced Polymer Bars Under Cyclic Loading, Advances in sustainability of Materials and Environment	29.05.2025
30	Dr.Roselin.R	International Conference on Advances in Sustainability of materials and Environment, St.Xavier's Catholic College of Engineering Chunkankadai	Influence of Steel Fiber content and Micro silica incorporation on the Mechanical Characteristics of Concrete, Advances in sustainability of Materials and Environment	29.05.2025
31	Dr.Roselin.R	International Conference on Advances in Sustainability of materials and Environment, St.Xavier's Catholic College of Engineering Chunkankadai	Mechanical properties of crimped steel fibre added concrete with partially replaced micro silica fume	29.05.2025
32	Dr.Roselin .R	Webinar	Soil Remediation Techniques in Environmental Protection Soil Remediation Techniques in Environmental Protection	6.12.2025
33	Ajin N	FDP- Nanda Engineering College	Recent Trends in Materials Technology	25 th June to 29 th June 2025
34	Ajin N	FDP- Vishlesan i- HUB IIT Patna	AI Mastery for Educators	15 th May to 7 th June 2025
35	Ajin N	FDP Thiruchirapalli	Emerging Technologies in Civil Engineering-2K25	09-06-2025 to 13-06-2025
36	Ajin N	FDP – Skill Dzire in collaboration with AICTE	Building and Planning using Autocad	17/03/2025 to 31/03/2025
37	Ajin N	National Conference on RECENT TRENDS AND INNOVATIONS FOR THE FUTURE - RIF-	Lightweight Concrete using rice husk ash as waste material for sustainable construction	18 th August 2025

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Date
		2K25, Noorul Islam centre for Higher Education,		
38	J Divy Johns	Webinar-Presidency University	Soil Remediation Techniques in Environmental Protection	06-12-2024
39	J Divy Johns	FDP on Recent Trends in Materials Technology	Organized by Department of Mechanical Engineering, Nanda Engineering College	25-06-2025 to 29-06-2025
40	J Divy Johns	FDP on Next Generation Renewable Energy Technologies: Transformative Approaches for Sustainable Development	Department of Mechanical Engineering, Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.	from 06/05/2025 to 10/05/2025
41	J Divy Johns	STTP (Short-Term Training Programme) on NEP 2020: Necessitating Change in Management of Higher Education	Department of Business Administration, Assam University, Silchar under the aegis of UGC-MMTTC, Assam University, Silchar	21/11/2024 to 26/11/2024
42	J Divy Johns	FDP on Marine Auxiliary Machines	Department of Marine Engineering, PSN College of Engineering and Technology, Tirunelveli	16.12.2024 to 20.12.2024
43	J Divy Johns	FDP on Artificial Intelligence (AI) revolution in 2025	Department of Computer Science and Civil Engineering	24 th – 28 th March 2025
44	J Divy Johns	FDP on BIM using Revit Structure	conducted by ICT Academy	11 Nov 2024 to 15 Nov 2024
45	J Divy Johns	FDP on Next Generation Aerospace and Manufacturing Technologies	Faculty of Aeronautical and Space Technology, Noorul Islam Centre for Higher Education	26-05-2025 to 30-05-2025.
46	J Divy Johns	FDP on Emerging Technologies in civil Engineering – 2k25	Department of Civil Engineering, Kongunadu College of Engineering and Technology, Tiruchirappalli	09.06.2025 to 13.06.2025

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Date
47	J Divy Johns	20 Day FDP on AI Mastery for Educators	IIT Patna – (Vishlesan I-Hub)	15 th may to 7 th June (22 Days)
48	J Divy Johns	STTP (Short Term Programme) in Indian Knowledge System IKS	Organized by UGC - Malaviya Mission Teacher Training Centre (UGC-MMTTC), Central University of Kerala	18.06.2025 to 24.06.2025
49	Dr.Roselin.R	FDP- Nanda Engineering College	Recent Trends in Materials Technology	25-06-2025 to 29-06- 2025
50	Dr.Roselin.R	FDP- Vishlesan i-HUB IIT Patna	AI Mastery for Educators	15-05-2025 to 07-06-2025
51	Dr.Roselin.R	FDP-SkillDzire in collaboration with AICTE	Design of Building using ETABS	17-03-25 to 31-03-25
52	Dr.Roselin.R	FDP- NICHE	Faculty Development Program in Workflow Automation with AI in Excel/ Word	16-12-24 to 20-12-24
53	Y Abisha	National Conference on RECENT TRENDS AND INNOVATIONS FOR THE FUTURE - RIF-2K25, Noorul Islam centre for Higher Education,	Lightweight Concrete using rice husk ash as waste material for sustainable construction	27 th March 2025
54	Y Abisha	FDP on Next Generation Aerospace and Manufacturing Technologies	Faculty of Aeronautical and Space Technology, Noorul Islam Centre for Higher Education	26-05-2025 to 30-05-2025.
55	Y Abisha	FDP on Emerging Technologies in civil Engineering – 2k25	Department of Civil Engineering, Kongunadu College of Engineering and Technology, Tiruchirappalli	09.06.2025 to 13.06.2025
56	Y Abisha	FDP – Skill Dzire in collaboration with AICTE	Building and Planning using Autocad	17/03/2025 to 31/03/2025

b) Foreign Faculty/Expert visit to the Department:

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1	-				
2					

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty member	Role	Event	Title	Venue & Date
1	-				

7. Details of Seminars, Conferences, Refresher courses, Webinars Organised:

S. No.	Name of the Faculty member	Congress/Conference/ Seminar/ Workshop/ Symposia , Webinars etc. organised	State/National/ International Level	Date
1	Mr. S. Mathan Kumar	Seminar		21/08/2024
2	Mrs. Divya Johns	Workshop		23/08/2024
3	Dr. V. Thanka Jebarsan	Seminar		22/10/2024
4	Mr. N. Ajin	Workshop		11/11/2024
5	Mrs. Y. Abisha	PDP		31/01/2025

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus /SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
1	Dr.V.Thanka Jebarsan	Ultra-High-Performance Concrete (UHPC): A microstructural and particle packing investigation	SCI	29-3	JULY-24	1517-7076
2	Dr.V.Thanka Jebarsan	Impact of CO2 Exposure on Aluminosilicate Gel Formation in Alkali Activated Fly Ash: An NMR Spectroscopic Study –Accepted	Scopus	-	-	-
3	Dr.V.Thanka Jebarsan	A Non-Isolated Power Factor Correction Bridgeless High Gain Sepic Employing CPSO-PI	Scopus	-	-	-

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus /SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
		Controller for Induction Motor Applications <i>-Accepted</i>				
4	D. Allwin	Optimizing Structural Performance of Short Concrete-Filled Steel Tube Columns with Stiffening Methods Using LEA-HGCNN Technique	SCIE(Annexure-1)		April 2025	
5	D. Allwin	Influence of Axial Spacing on Single-Stage Compressor Cascade Performance	Scopus		May 2025	
6	D. Allwin	Investigation on Variation of Potential Core in Supersonic Jets	Scopus		May 2025	
4	Y Abisha	Thermally Regulated Polymer-PCM Composites for Efficient Solar Energy Harvesting and Storage - <i>Indexed</i>	SCI	13-4	2025	153-163

9. Details of patents applied/awarded:

S.No.	Name of the Faculty member	Title	Applied/Granted
1	Dr.V.Thanka Jebarsan	Groundwater Potential Evaluation Using GIS and Multi Criteria Decision Making Techniques (Copyright)	Granted
2	Dr.V.Thanka Jebarsan	Two Way Street Light System Designed for Smart City	Granted
3	D.Allwin	Groundwater Sensing System Integrated with Artificial Intelligence	Granted
4	D.Allwin	Sustainable Groundwater Recharge through Desilting of Irrigation Tanks	Granted
5	D.Allwin	Plant Watering System with Auto-Off Motor	Granted

S.No.	Name of the Faculty member	Title	Applied/Granted
6	D.Allwin	Groundwater Potential Evaluation Using GIS and Multicriteria Decision Making Techniques	Granted
7	D.Allwin	Modular Drone for Agriculture	Granted
8	D.Allwin	Road Accident Detection and Reporting System	Granted
9	D.Allwin	Flower Oil Extraction Machine	Granted
10	D.Allwin	Digital Water Technology and Water Resources Management in India	Granted
11	D.Allwin	Intelligent Library Automation Management System with AGVS And Robotics	Granted
12	D.Allwin	Metal Detection System	Granted
13	D.Allwin	Aelf Propelled Triskate Equipped with Hub Motors	Granted
14	D.Allwin	Two Way Street Light System Designed for Smart City	Granted
15	D.Allwin	Role of Artifical Intelligence in Civil Engineering	Granted
16	D.Allwin	Solar Powered Hydrofoil Unmanned Patrol Vessel	Granted
17	D.Allwin	Geopolymer Concrete Interlocking Brick	Granted
18	D.Allwin	Electric Hydrogen Fuel Cell Hybrid Bus	Granted
19	D.Allwin	Low Noise Block Downconverter to Enhance the Satellite Signal Quality	Granted
20	Dr.V.Thanka Jebarsan	Role of Artificial Intelligence in Civil Engineering (Copyright)	Granted
21	Mr. S. Mathan Kumar	Two Way Street Light System Designed for Smart City	Granted
22	Mr. S. Mathan Kumar	Role of Artificial Intelligence in Civil Engineering (Copyright)	Granted
23	Y Abisha	Role of Artificial Intelligence in Civil Engineering (Copyright)	Granted

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book Chapter with ISBN	Publisher/Place	Year
1	D. Allwin	AI Enabled Library Resources Sharing Tools and Applications	Takhte Publishers, Haryana	2025
2	D. Allwin	Evaluation of Artificial Intelligence in Civil Engineering	Takhte Publishers, Haryana	2025

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO.	Name of the Programme / Branch of study	Sancti oned Streng th	Enrolment during 2024-25		Tota l	Community														Existing Students, Strength						Pass Percent age of out going batch
			F	M		OC		BC		BCM		MBC/ DNC		SC		SCA		ST		II year		III year		IV year		
						M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	UG Programme	20	5					1				1						2		1		5		13		47%
	PG Courses	20	9	2				8	2	1									9							60%
	Ph.D Programme	4	3	1				1	2		1															
	Diploma Certificate add on Courses (if any)																									
	MOOC/SWA YAM/NPTEL/ UGC online courses offered																									
	Total	44	17	3				10	4	1	1	1						2		10		5		13		

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	
1	B E Civil Engineering	Indian	Other state (Manipur)	2		5
2	B E Civil Engineering	Indian	Within state	3		
3	M E Structural Engineering	Indian	Other State (Kerala)	5	1	13
4	M E Structural Engineering	Indian	Within state	6	1	

13. U.G./P.G. and Research degrees awarded:

S. No	UG		P.G.		Ph.D.		
		Total		Total	FT	PT	Total
1	13	6	9	4	1	7	8

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded :

S. No.	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1	Nil				

15.Scholarships Awarded:

S. No.	Nature of Scholarship	P.G.		Ph.D.		Total Amount Rs.
		M	F	M	F	
1	B.C.(State)	-	--	-	-	-
2	B.C.M.(State)	-	-	-	-	-
3	M.B.C./D.N.C.(State)	-	-	-	-	-
4	SC/SCA/ST(National)	-	-	-	-	-
5	SC/SCA/ST(State)	-	-	-	-	-
6	AICTE/UGC Scholarships	-	-	-	-	-
7	Management Scholarships	-	-	-	-	-
8	Loan Scholarship	-	-	-	-	-
9	MoovalurRamamirthamAmmaiyar Scheme	-	-	-	-	-
10	'Pudhumai Penn' (modern woman)	-	-	-	-	-
11	TamizPuthalvan	-	-	-	-	-
12	Others (please Specify the scholarship)			-	-	-
	Total					

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s	App.	Pa ss	App.	Pa ss
1	B E Civil	5	2	4	1	1	-	1	-	5	4	5	2	13	5	13	6

17. Placement Details:

Name of the Placement co-ordinator: S Mathan Kumar			
Phone/Mobile Number :e-mail: 8072520883			
Number of Placement Programmes:			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	12	-
2	Number of Placements obtained through Campus Interview	13	-
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	92	

18. Outstanding achievements by the Faculty Members:

S. No.	Name of the Faculty	Achievements	Agency
1	D. Allwin	SCIE(Q1)- Reviewer for Water Resources Mnagement	Springer
2	S Mathan Kumar	Award of Distinction	NICHE Ascend 2k25
3	Dr.Roselin R	Award of Distinction	NICHE Ascend 2k25
4	Ajin N	Award of Distinction	NICHE Ascend 2k25
5	Abisha Y	Award of Distinction	NICHE Ascend 2k25
6	J Divya Johns	Award of Distinction	NICHE Ascend 2k25

19. Outstanding achievements by Students:

S.No.	Name of the Student	Achievements	Agency
1		Academic Awards	
2		Participation in Cocurricular/ hecathan	
3		Research Projects	
4		Research Paper Presentation	
5	Godson R	Others	NIMS

20. Department MeetingsHeld : BOS,Programe Committee, Course Committee etc.

S.No	Name	Date
1.	BOS	21-02-2025, 30-05-2025
2	Programe Committee	3/7/2024,
3	Course Committee	3/7/2024
4	Others	-

21. Infrastructure and Research facilities available (Please specify equipments more than TwoLakhs Only) :

S. No.	Name of the Lab	Name of the Equipments/Computer/ Software/Others	Quantity	Purpose Research/Practical
1	Structural Lab	Loading Frame	1	Research

22. Extension activities carried out :

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	NSS	-		
2	NCC	-		
3	YRC	-		
4	Community engagement	-		
5	Government Programmes	-		
6	National and International days observed	-		
7	Others	-		

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library:

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	1086	7	No. of titles available	810
2	Books added during the year 2024-25	Nil	8	No. of CDs and Digital Books available	70
3	No. of Indian Journals/Magazines	150	9	No. of Foreign Magazines/Journals	20
4	No. of data bases available	nil	10	No. of Online Journals	50
5	Average No. of students visiting the Library per day	2	11	Average No. of books Issued per day	1
			12	No. of digital books	Nil
6	Availability of Internet (Specify the Capacity) (e.g. – 8 Mbps etc.,)	nil	13	Availability of Language Lab	Nil
			14	NDL membership 1. Faculty members 2. Students	Nil

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.
1	Smart Board		1
2	Mic		1
3	Projector		1

25. Collaborative Researches**26. Consultancies undertaken :**

SI NO	Date	Type of Test	Revenue Generated
1	25/04/2025	Soil Testing	1500

27. No. of NET/SET/GATE/CSIR Other Compentetive Examinations Qualified students:

Nil

28. MOUs signed :

S.No	Date	MoU signed with	Number of Activities	Remarks
1.	30-05-2025	Winstar Construction	1	-

29. Innovations and Best Practices :

S.No	Innovation and Best Practices	Name of the Programme	Date
1	ICT tooles used	https://youtu.be/y9AHA51Gpw0?si=Yf-vID6iAbPk_dqg	
2	Teaching and learning initiatives	https://www.scribd.com/presentation/724253031/Remote-Sensing-by-Allwin-D	

30. Academic Flexibility :

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed
1	Nil			

31. Membership in professional bodies:

S.No	Name of Faculty	Name of the Professional Body	No. of members
1	Dr.Roselin	MISTE (Member of the Indian Society for Technical Education)	Life time member
2	D. Allwin	International Association of Engineers: Hong Kong, China	Life Membership
3	D. Allwin	All India Council for Technical Skill Development: New Delhi, Government of India	Life Membership
4	D. Allwin	Association of Hydrologists of India (AHI): Andhra University, Visakhapatnam, India	Life Membership

32. Alumni Meetings held:

S.No	Date	Purpose
1.	23.05.2025	Skill Building Programme on "Opportunities for civil Engineering Graduates"

33. Any other Information: Nil

NAME OF THE DEPARTMENT: COMPUTER APPLICATIONS

1. Department Details :

Name of the Faculty	Faculty of Information and Computer Engineering
Name of the HoD, Phone No. and E-mail ID	Dr.J.R.Jeba
Year of Establishment	1994
Telephone Number	9486856117
Website / E mail	mca@niuniv.com

2. Details of Faculty Members and Supporting staff :

S. No.	Name of the Faculty Members and Supporting staff	Qualification	Designation	Specialisation	Experience in years		E-mail ID &Phone/Cell Phone No.
					Teaching	Research	
1.	Dr.M.K.Jeya Kumar	MCA., M.Tech., Ph.D	Professor	Networking	31	17.3	drieyakumarmk@gmail.com
2.	Dr.J.R.Jeba	M.C.A., M.Phil, Ph.D	Associate Professor & HOD	Data Mining	28	15	jeba@niuniv.com
3.	Prof.S.Beulah	M.C.A., M.Phil, Ph.D	Associate Professor	Grid Computing	25.6	5.3	beulah@niuniv.com
4.	Dr.A.C.Subhajini	M.S., M.Phil, Ph.D	Assistant Professor	Neural Networks	20	7.3	subhajini@niuniv.com
5.	Ms.C.R.Sheela Kumari	M.C.A., M.Phil	Assistant Professor		24		sheelakumari@niuniv.com
6.	Ms.M.Merlin Johnsy	M.C.A., M.Phil	Assistant Professor		19		merlinjohnsy@niuniv.com
7.	Dr.M.Shafeen Nagoor	B.E., M.Sc, Ph.D	Assistant Professor		1.7 months		shafeennagoor@niuniv.com
8.	Ms.M.Tharanya,	M.C.A	Teaching Assistant		3		tharanya@niuniv.com
9.	Ms.J.Priya	M.E.	Assistant Professor		0.7		priya@niuniv.com

3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		Chapter s/ Books		API		Ph.D. awarded		CumulativeScholars
		24 - 25	Cumulative	24 - 25	Cumulative	24- 25	Cumulative	24- 25	Cumulative	24 - 25	Cumulative	24- 25	Cumulative	Ph.D.
1	Dr.M.K.Jeyakumar	5		11	161	106				1	20	27		

S. No.	Name	h index		Publications		Citations		Chapter s/ Books		API		Ph.D. awarded		Cumulative Scholars
		24 - 25	Cumulative	24 - 25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	Ph.D.
2	Dr. J.R. Jeba	4		9	45	55				Nil	5	11		
3	Dr. S. Beulah		2		3		5							
4	Dr. A. C. Subhajini													
5	Ms.C.R.S heela Kumari	Nil		Nil										
6	Ms.M.Merlin Johnsy	Nil		Nil										
7	Dr.M.Shafeen Nagoor													
8	Ms.M.Tharanya	Nil		Nil										
9	Ms.J.Priya													

4.. Research Schemes/Projects undertaken and applied for :

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1						

5. a) Participation of the Faculty members, presentation of papers in Congresses/Conferences/Seminars/Workshops,Symposia, etc.

S.No	Name of the Faculty	Congress/ Conference/ Seminar / Workshop and Venue	Title of the paper	Date
1.	Dr.J.R.Jeba	FDP	Traditional knowledge System in Health care - Traditional knowledge System in Health care	(May 26, 2025 to May 31, 2025)
2.	Dr.J.R.Jeba	FDP	Android Basics with Compose (Online FDP - Android Basics with Compose	(Online FDP (November 11, 2024 to November 15, 2024
3.	Dr.J.R.Jeba	PDP	Professional Development Program on Convergence	(July 26, 2025)

S.No	Name of the Faculty	Congress/ Conference/ Seminar / Workshop and Venue	Title of the paper	Date
			of Nano Technology and Machine Learning : The state of Art, challenges perspective,	
4.	Dr.J.R.Jeba	WORKSHOP	TWO DAYS WORKSHOP ON " THE FUTURE OF UI/UX DESIGNING"(27,28 JAN 2025	27,28 JAN 2025
5.	Dr.J.R.Jeba	PDP	PROFESSIONAL DEVELOPMENT PROGRAMME ON "TRANSFORMERS IN AI : ROM DATA TO DIALOGUE AND PERSONALIZATION	(November 28, 2024)
6.	Dr.J.R.Jeba	PDP	PROFESSIONAL DEVELOPMENT PROGRAMME ON "EDGE COMPUTING POWERED ARTIFICIAL INTELLIGENCE OF THINGS"	- (November 16, 2024)
7.	Dr.J.R.Jeba	WEBINAR	WEBINAR ON INTERNET OF THINGS USING ARDUINO UNO MICROCONTROLLER	(July 20, 2024)
8.	Dr.S.Beulah	FDP	Role of AI in Bioimaging and Signal Processing - Faculty Development Program	(May 26, 2025 to May 30, 2025)
9.	Dr.S.Beulah	FDP	Interdeciplinary Frontiers in chemistry, physica and mathematics: Bridging concepts of innovative Redearch and Training -	(May 26, 2025 to May 30, 2025)
10.	Dr.S.Beulah	Skill Enhancement Program		(May 19, 2025)
11.	Dr.S.Beulah	SEMINAR	International Seminar on "IPR in the digital age:Protective creating and technological innovations	(March 1, 2025)

S.No	Name of the Faculty	Congress/ Conference/ Seminar / Workshop and Venue	Title of the paper	Date
12.	Dr.S.Beulah	SEMINAR	Online international Seminar on "IPR in the digital age: Protecting creative and Technological innovations"	(March 1, 2025)
13.	Dr.S.Beulah	WORKSHOP	Workshop - The future of UI/UX Designing Other -	(January 29, 2025)
14.	Dr.S.Beulah	PDP	PDP on Edge computing powered Artificial Intelligent of things	Nov 16,2024
15.	Dr.S.Beulah	Webinar	Webinar - Exploring the Future of AWS Cloud: Emerging trend and innovations	Sept 17,2024
16.	Dr.S.Beulah	Workshop	Workshop - Open Source tools for library	(September 3, 2024)
17.	Dr.S.Beulah	Training Program	Nine day online international PDP on "CORE 4"	September 2, 2024)
18.	Dr.S.Beulah	WEBINAR	Webinar - Internet of things using Arduino UNO microcontroller	(July 20, 2024)
19.	Ms.M.Merlin Johnsy	FDP	Role of AI in Bio-imaging and Signal Processing - Faculty Development Programme	(May 26, 2025 to May 30, 2025)
20.	Ms.M.Merlin Johnsy	FDP	Interdisciplinary Frontiers in Chemistry, Physics and Mathematics: Bridging Concepts for Innovative Research and Training. - Faculty Development Programme	(May 26, 2025 to May 30, 2025)
21.	Ms.M.Merlin Johnsy	Skill Enhancement program		(May 19, 2025)
22.	Ms.M.Merlin Johnsy	Seminar	Seminar on IPR in the Digital Age:Protecting creative and Technological Innovations	March 1, 2025

S.No	Name of the Faculty	Congress/ Conference/ Seminar / Workshop and Venue	Title of the paper	Date
23.	Ms.M.Merlin Johnsy	Workshop	Workshop - The Future of UI/UX Designing	Jan 27,2025
24.	Ms.M.Merlin Johnsy	PDP	PDP on Edge Computing Powered Artificial Intelligence of Things	(November 16, 2024)
25.	Ms.M.Merlin Johnsy	Workshop	Workshop - IPR Awareness Programme	Jan 27,2025
26.	Ms.M.Merlin Johnsy	PDP	PDP on Edge Computing Powered Artificial Intelligence of Things	(November 16, 2024)
27.	Ms.M.Merlin Johnsy	Webinar	Webinar - Exploring the Future of AWS Cloud: Emerging Trends and Innovations	Sept17,2024
28.	Ms.M.Merlin Johnsy	Workshop	Workshop - Open Source Tools for Library	Sept 3,2024
29.	Ms.M.Merlin Johnsy	PDP	Nine Days International Professional Development Programme on Core 4	September 2, 2024)
30.	Ms.M.Merlin Johnsy	Webinar	Webinar - Internet of Things using Arduino UNO Microcontroller	(July 20, 2024)
31.	Dr.M.Shafeen Nagoor	FDP	Role of AI in Bio Imaging and Signal Processing - FDP (May 26, 2025 to May 30, 2025)	(May 26, 2025 to May 30, 2025)
32.	Dr.M.Shafeen Nagoor	Nptel	NPTEL - SWAYAM (January 27, 2025 to February 26, 2025)	
33.	Dr.M.Shafeen Nagoor	Workshop	The Future of UI/UX Designing (January 27, 2025	(January 27, 2025)
34.	Ms.C.Juliet Jemila	FDP	Mastering the Technologies shaping Education and Industry - Faculty Development program	(May 19, 2025 to May 23, 2025)
35.	Ms.C.Juliet Jemila	PDP	Professional Development Programme on Edge Computing Powered Artificial Intelligence of things	(November 16, 2024)

b) Foreign Faculty/Expert visit to the Department:

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1					

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty member	Role	Event	Title	Venue & Date
1	Dr.J.R.Jeba			Project Viva Voce Examinations (May 14, 2025)	Rohini Institute Engineering and Technology
	Dr.J.R.JEBA	Reviewer		Reviewer for international conference on "Recent Trends in Computer Applications	
	Dr.S.Beulah	Reviewer		Reviewer for international conference on "Future of connected Systems: Iot, AI &5G	
	Dr.S.Beulah	Reviewer		Reviewer for international conference on "Recent Trends in Computer Applications	
	Dr.M.Shafeen Nagoor	Reviewer		international conference on "Future of connected Systems: Iot, AI &5G (May 2, 2025)	
		Reviewer		Reviewer for international conference on "Recent Trends in Computer Applications (March 7, 2025)	

7. Details of Seminars, Conferences, Refresher courses, Webinars Organised:

S. No.	Name of the Faculty member	Congress/Conference/Seminar/ Workshop/Symposia , Webinars etc. organised	State/National/ International Level	Date
1.	Ms.M.Merlin Johnsy	Webinar on “Internet of Things Using Arduino UNO Micro Controller”	Dr. S. J. Rexline, Assistant Professor, Dept. of Computer Science, Loyola College (Autonomous), Chennai.	20-07-2024
2	Ms.M.Merlin Johnsy	Seminar on “Ethical Hacking”	Ms. J. Wincy, Network Administrator, Networkz Systems, Nagercoil.	24-07-2024
3	Ms.M.Merlin Johnsy	Guest Lecture on “NoSQL”	Dr. E. Grace Mary Kanaga, Professor, Dept. of CSE, Karunya Institute of Technology and Sciences, Coimbatore.	27-09-2024
4	Ms.M.Merlin Johnsy	Value Added Course on “Employability Skills Training”	Mr. S. Ajith Kumar, ASK Training Solutions, Attoor, Marthandam.	Between 14-10-2024 and 25-10-2024
5	Ms.M.Merlin Johnsy	Alumni Student Interaction and Skill Development Programme on “ Navigating the Evolving Tech Landscape”	Mr. P. S. Jaya Krishnan, Principal Consultant, Digital Commerce, Infosys Ltd., Trivandrum.	24-10-2024
6	Ms.M.Merlin Johnsy	Seminar on “Business Intelligence Using Tableau”	Mr. S. Sheik Mohamed Shalam, PG Student, NICHE.	07-11-2024
7	Ms.M.Merlin Johnsy	PDP on “Edge Computing Powered Artificial Intelligence of Things”	Dr. B. Ben Sujitha, Professor, Dept. of CSE, NICHE.	16-11-2024
8	Ms.M.Merlin Johnsy	Power Seminar on “Life Skills”	Mr. Sridhar ChakravarthiMulakaluri, ICT Academy.	09-01-2025
9	Ms.M.Merlin Johnsy	Workshop on “The Future of UI / UX Designing”	Mr. Praveen Kumar, Ms. R. Asha, Mr. S. Venkadasalam, Get Innovative, Azhagiyamandapam	27-01-2025 & 28-01-2025
10	Ms.M.Merlin Johnsy	International Conference on “Recent Trends in Computer Applications”	Mr. VelayudhamMurugesan, Software Engineer, Qualcomm, Bengaluru. Mr. Joel D Joy, AI Research Scientist, Centre of Data for Public Good (CDPG), FSID, IISc, Bangalore.	07-03-2025

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
1.	Dr.M.K.Jeya Kumar	Crop disease detection via ensembled-deep-learning paradigm and ABC Coyote pack optimization algorithm (ABC-CPOA)	Multimedia Tools and Applications (2025)		2025	
2.	Dr.M.K.Jeya Kumar	A hybrid model for diabetic retinopathy and diabetic macular edema severity grade classification	, International Journal Of Diabetes In Developing Countries		2025	
3.	Dr.M.K.Jeya Kumar	Deepharcvest: Revolutionizing Agriculture Through a Variofusionnet and Featexpnet for Accurate and Timely Leaf Disease Detection and Management	International Journal of Intelligent Systems and Applications in Engineering		2024	
4.	Dr.M.K.Jeya Kumar	Survey on crop pest detection using deep learning and machine learning approaches	Multimedia Tools and Applications, Springer		2024	
5.	Dr.M.K.Jeya Kumar	Chronic kidney disease prediction using improved deep belief network with local search nearest neighbour optimization	Computer Methods In Biomechanics And Biomedical Engineering-Imaging And Visualization		2024	
6.	Dr.M.K.Jeya Kumar	MULTI-POINT DATA SECURITY MECHANISM TO FACILITATE SECURE	International Journal for Research Trends and Innovation		2024	

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
		CLOUD DATA STORAGE SOLUTIONS				
7.	Dr.M.K.Jeya Kumar	Crop disease detection via ensembled-deep-learning paradigm and ABC Coyote pack optimization algorithm (ABC-CPOA)	Multimedia Tools and Applications		2024	
8.	Dr.M.K.Jeya Kumar	Smart Insights on the Move: Deep Convolution Neural Network and Segmentation for License Plate Recognition	SSRG International Journal of Electronics and Communication Engineering		2024	
9.	Dr.J.R.Jeba	Telehealth Revolution: Leveraging CNN-Bi LSTM For Multiple Disease Prediction	SSRG International Journal of Electronics and Communication Engineering		2025	
10.	Dr.J.R.Jeba	Telehealth Revolution: Leveraging CNN-Bi LSTM For Multiple Disease Prediction	SSRG International Journal of Electronics and Communication Engineering		2025	
11.	Dr.J.R.Jeba	A novel framework for multiple disease prediction in telemedicine systems using deep learning	Taylor and Francis -- AUTOMATIKA		2024	
12.	Dr.J.R.Jeba	Schnorr Multi-Signatures with Key Aggregation for Privacy and Verifiable Randomness in Blockchain Cloud	International Conference on E-mobility, Power Control and Smart Systems (ICEMPS)		2024	

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
13.	Dr.J.R.Jeba	A DEEP LEARNING FRAMEWORK FOR SIGNATURE VERIFICATION: COMBINING CAPSNET WITH DATA AUGMENTATION TECHNIQUES	International Conference on Recent Trends in Computer Applications		March 7, 2025	
14.	Dr.J.R.Jeba	EXPLAINABLE ARTIFICIAL INTELLIGENCE (XAI) FOR DATA MINING	International Conference on Recent Trends in Computer Applications		March 7	
15.	Dr.J.R.Jeba	ANALYSIS AND MODELLING OF SPEECH-TO-TEXT SYNTHESIS BASED ON SPEECH RECOGNITION	International Conference on Recent Trends in Computer Applications		March 7	
16.	Dr.J.R.Jeba	Highly accurate Feature Classification for Multi-dimensional Data using Whale Optimized LSTM	International Conference on Recent Trends in Computer Applications		March 7	
17.	Dr.J.R.Jeba	Advanced Ensemble Techniques for Enhanced Data Classification Accuracy,	International Conference on Recent Trends in Computer Applications		March 7	
18.	Dr.J.R.Jeba	Optimizing Data Mining Algorithms for efficient processing of large scale imbalanced datasets	International Conference on Recent Trends in Computer Applications		March 7	
19.	Dr.S.Beulah	Data-Driven Air Pollution Prediction: A Machine Learning Study			(August 14, 2025)	

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
		On Indian Cities, Research & Emerging Science And Technologies				
20.	Dr.S.Beulah	Novel method for managing the entire Data life cycle, including secure deletion at the end of data retention periods	International Conference on Recent Trends in Computer Applications		March 7,2025	
21.	Dr.S.Beulah	AI powered cyber threats: The dark side of Machine Learning	International Conference on Recent Trends in Computer Applications		March 7,2025	
22.	Dr.S.Beulah	Credit card Fraud detection Using machine learning	International Conference on Recent Trends in Computer Applications		March 7,2025	
23.	Dr.S.Beulah	Protected image using fragmentation Approach for confidential data transfer	International Conference on Recent Trends in Computer Applications		March 7,2025	
24.	Ms.C.R.Sheela Kumari	An Effective channel of comprehensive Data science, ICRTCA'25	International Conference on Recent Trends in Computer Applications		(March 7, 2025)	
25.	Ms.M.Merlin Johnsy	Enhanced Contour Detection in Natural Images Using Multi-Feature Based Surround Inhibition,	International Conference on Recent Trends in Computer Applications		(March 7, 2025)	
26.	Ms.M.Merlin Johnsy	Identify Image Pattern For Data Retrieval	International Conference on Recent Trends in Computer Applications		(March 7, 2025)	
27.	Ms.M.Merlin Johnsy	Credit Card Fraud Detection Using Machine Learning,	ICITRI		(January 28, 2025)	

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
28.	Ms.M.Merlin Johnsy	2025 Protected Image using Fragmentation Approach for Confidential Data Transfer	ICIDA 2024		(December 18, 2024)	
29.	Dr.M.Shafeen Nagoor	Modern Neural Machine Translation: Approaches for Effective Multilingual Systems,	ICRTCA'25		(March 7, 2025)	
30.	Dr.M.Shafeen Nagoor	Intelligent Home Automation with IoT Voice Assistants	ICRTCA'25		(March 7, 2025)	
31.	Dr.M.Shafeen Nagoor	Enhancing Smart TV Security: AI-Based Threat Detection and Blockchain Solutions,	ICRTCA'25		(March 7, 2025)	
32.	MS.C.Juliet Jemila	Combining Residual Networks: An Ensemble Method For Multi-Stage Classification Of Alzheimer's Disease In Multimodal Images	ICMSTS 2025 (March 23, 2025)		ICMSTS 2025 (March 23, 2025)	
33.	MS.C.Juliet Jemila	A study on Ethical HackinG	ICRTCA'25 (March 7, 2025)		ICRTCA'25 (March 7, 2025)	
34.	Ms.M.Tharanya	Survey on Cyber Forensic tools,	ICRTCA'25 (March 7, 2025)		ICRTCA'25 (March 7, 2025)	

9. Details of patents applied/awarded:

S.No.	Name of the Faculty member	Title	Date of filing	Application No.	Award No.
1	Dr.J.R.Jeba	IOT Based Plant Extract Analysing Device to Identify Disease, 427145-001, 2024, Intellectual Property of India - Design - Granted		2024	
2	Dr.S.Beulah	IOT Based Plant Extract Analysing Device to Identify Disease, 427145-001, 2024, Intellectual Property of India - Design - Granted		2024	
3	MS.M.Merlin Johnsy	IOT Based Plant Extract Analysing Device to Identify Disease, 427145-001, 2024, Intellectual Property of India - Design – Grante		2024	

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1	MS.C.Juliet Jemila	Exploring Interdisciplinary Innovations in Science and Management, ISBN: 978-81-984006-9-7,	Publisher: Scientific Research Reports	2025

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO.	Name of the Programme / Branch of study	Sancti oned Stren gth	Enrolment during 2024-25		Tota l	Community														Existing Students, Strength						Pass Percent age of out going batch
			F	M		OC		BC		BCM		MBC/ DNC		SC		SCA		ST		II year		III year		IV year		
						M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	UG Programme	60	12	46															34	10	24				96	
	PG Courses	60	11	27															11	19						
	Ph.DProgram me																									
	Diploma Certificate add on Courses (if any)																									
	MOOC/SWA YAM/NPTEL/ UGC online courses offered																									
	Total																									

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	
1	BCA			16	6	

13. U.G./P.G. and Research degrees awarded:

S. No	UG		P.G.		Ph.D.		
		Total		Total	FT	PT	Total
1	--		30		4		

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded :

S. No.	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1					

15.Scholarships Awarded:

S. No.	Nature of Scholarship	P.G.		Ph.D.		Total Amount Rs.
		M	F	M	F	
1	B.C.(State)					
2	B.C.M.(State)					
3	M.B.C./D.N.C.(State)					
4	SC/SCA/ST(National)					
5	SC/SCA/ST(State)					
6	AICTE/UGC Scholarships					
7	Management Scholarships					
8	Loan Scholarship					
9	MoovalurRamamirthamAmmaiyar Scheme					
10	'Pudhumai Penn' (modern woman)					
11	TamizPuthalvan					
12	Others (please Specify the scholarship)					
	Total					

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App	Pas s	App	Pas s	App	Pas s	App	Pas s	App	Pas s	App	Pas s	App	Pa ss	App	Pa ss
1																	

17. Placement Details:

Name of the Placement co-ordinator: Ms.C.R.Sheela Kumari			
Phone/Mobile Number :e-mail:			
Number of Placement Programmes:			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	10	4
2	Number of Placements obtained through Campus Interview		
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)		

18. Outstanding achievements by the Faculty Members:

S. No.	Name of the Faculty	Achievements	Agency
1	Dr.J.R.Jeba	Remarkable contribution in research, innovation and institutional advancement- NICHE	NICHE ASCEND
2	Dr. Beulah S -	Remarkable contribution in research, innovation and institutional advancement NICHE	NICHE ASCEND
	Ms.M.Merlin Johnsy	Remarkable contribution in research, innovation and institutional advancement NICHE	NICHE ASCEND

19. Outstanding achievements by Students:

S.No.	Name of the Student	Achievements	Agency

**20. Department MeetingsHeld :
BOS,Programme Committee, Course Committee etc.**

S.No	Name	Date
1.	BOS	May 2025
2	Programme Committee	
3	Course Committee	
4	Others	

21. Infrastructure and Research facilities available (Please specify equipments more than TwoLakhs Only) :

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical
1	Compu ter Lab	Total Computers : 76		

22. Extension activities carried out :

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	Community Service - Visit Neyyoor Cancer Centre	Neyyoor Cancer Centre	(August 13, 2024)	Neyoor

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library:

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	1155	7	No. of titles available	
2	Books added during the year 2023-24	Nil	8	No. of CDs and Digital Books available	Nil
3	No. of Indian Journals/Magazines	Nil	9	No. of Foreign Magazines/Journals	Nil
4	No. of data bases available	Nil	10	No. of Online Journals	Nil
5	Average No. of students visiting the Library per day	One or two	11	Average No. of books Issued per day	Nil
			12	No. of digital books	Nil
6	Availability of Internet (Specify the Capacity) (e.g. – 8 Mbps etc.,)	Nil	13	Availability of Language Lab	Nil
			14	NDL membership 3. Faculty members 4. Students	Nil

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.

25. Collaborative Researches :

NIL

26. Consultancies undertaken :

NIL

27. No. of NET/SET/GATE/CSIR Other Competitive Examinations Qualified students:**28. MOUs signed :**

S.No	Date	MoU signed with	Number of Activities	Remarks
1		MongoDB		
2		ASK SOLUTIONS		

29. Innovations and Best Practices :

S.No	Innovation and Best Practices	Name of the Programme	Date

30. Academic Flexibility :

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed

31. Membership in professional bodies:

S.No	Name of the Professional Body	No. of members

32. Alumni Meetings held:

S.No	Date	Purpose

33. Any other Information:

NAME OF THE DEPARTMENT: COMPUTER SCIENCE &ENGINEERING**1. Department Details :**

Name of the Faculty	ICE
Name of the HoD, Phone No. and E-mail ID	Dr. V. G. Ranjith, 9994272962, ranjith@niuniv.com
Year of Establishment	1989
Telephone Number	
Website / E mail	www.niuniv.com

2. Details of Faculty Members :

S. No.	Name of the Faculty	Qualification	Designation	Specialisation	Experience in years		E-mail ID &Phone/Cell Phone No.
					Teaching	Research	
1	Dr. A. Shajin Nargunam	M.E., Ph.D.	Professor	Wireless Networks, Cloud and Network Security	27	21	shajin@niuniv.com 9488347699

S. No.	Name of the Faculty	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
2	Dr.B.Ben Sujitha	M.Tech., Ph.D	Professor	CSE	22.3	15	bensujitha@niuniv.com
3	Dr.J.E Judith	M.E.,Ph.D	ASP	CSE	22	15	judith@niuniv.com , 9443130175
4	Dr. A. Anitha	M.E.,Ph.D	ASP	CSE	17	15	anithaa@niuniv.com 9486473593
5	Dr.G.Beni	M.Tech., Ph.D	ASP	CSE	21.7	13	beni@niuniv.com,9443858177
6	Dr. V. G. Ranjith	M Tech., PhD	AP & Head	Image Processing	22.2	8	ranjith@niuniv.com 9994272962
7	Dr. G. Venifa Mini	M.E, Ph.D	AP	CSE	19.5		venifamini@niuniv.com / 9442634526
8	Mr. Jebin Boses	M.E., Ph.D.	AP	CSE	3.1	4	jebinbooses@gmail.com / 9488071631
9	Jelin Taric G	M.Tech	AP	CSE	5.9		jelintaric@gmail.com/8220320200
10	C. R. JOTHY	M. E.	AP	CSE	6.9		crjothiesh@gmail.com 9443193263
11	Dr.L.Nisha Evangelin	M.E.,Ph.D	ASP	CSE	10	3	9486061648/ 9042261648 nishakingston@niuniv.com

3. Faculty Members Achievements / Performance:

S. No.	Name	h index		Publications		Citations		API		Ph.D. awarded		Cumulative Scholars
		24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	Ph.D.
1.	Dr. A. Shajin Nargunam	1	6	4	49	14	101			1	9	8

S. No.	Name	h index		Publications		Citations		API		Ph.D. awarded		Cumulative Scholars
		24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	Ph.D.
2.	Dr. V. G. Ranjith	-	1	2	5	1	4			-	-	1
3.	Dr. B. Ben Sujitha	4	8		56		287			-	-	8
4.	Dr. J. E. Judith	8	8	9	64	95	213			2	3	6
5.	Dr. A. Anitha	-	7	2	44	63	180			2	5	6
6.	Dr. G. Venifa Mini	-	3	2	7	03	26			-	-	4
7.	Mr. S. Jebin Bose	1	2	2	5	05	10			-	-	
8.	Dr. G. Beni	-	1	1	2	1	2			-	-	6
9	G Jelin Taric	-	-	1	2	1	3			-	-	-
10	Dr. L. Nisha Evangelin	4	4	-	-	41	41					
11	Ms. C. R. Jothy	1	1	3	4	7	9					

4.. Research Schemes/Projects undertaken :

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1	Dr V G Ranjith Dr.B.Ben Sujitha Dr.A. Anitha Mr.Jelin Taric	ISRO	Development of unsupervised domain adaptive deep learning models for aerial and satellite imagery.			Applied
2	Dr A.Shajin Nargunam Dr.P V Samuel	ISRO	Hand Gesture based activities for Human space Missions			Applied

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
	Blessed Nayagam Mr.S. Jebin Bose Mr. R.Dinesh					
3	Dr.B.Ben Sujitha Dr A.Shajin Nargunam Dr V G Ranjith Mr.Jebin Bose	ISRO	Real Time Anomaly Detection using AI/ML for space craft NGC Applied.			Applied
4	Dr.J.E. Judith Dr.G.Beni Dr.G.Venifa Mini Mrs C R Jothy	ISRO	Design and Development of AI/ML Enabled Algorithm for a static code analysis Tool and its Implementation as a software product.			Applied
5	Dr A.Shajin Nargunam Dr.P V Samuel Blessed Nayagam Mr.S. Jebin Bose Mr. R.Dinesh	ISRO	Design and Development of AI/ML Enabled Algorithm for a static code analysis Tool and its Implementation as a software product			Applied
6	Dr.D M .Mary Synthia Regis Prabha Dr.B.Ben Sujitha	SERB	Automatic charging the vehicle			Applied
7	Dr.L.Nisha Evangelin, Dr.P.Naveen, Dr. S. Vinod Kumar, Dr. P. Thiyagarajan	India Forum for NBS	Strengthening Institutional Capacities to Onboard Nature-based Solutions (NbS) through Procurement Mechanisms			Applied
8	Dr.B.Ben Sujitha & Dr.D M .Mary Synthia Regis Prabha	ATAL FDP	one week online Programme	feb 2025		1 lakh
9	Dr.Ben Sujitha	TNSCTC	Smart Monitoring Heartbeat Device	2024-2025	2025	Rs. 7500

5. a) Participation of the Faculty members, presentation of papers in Congresses/Conferences/Seminars/Workshops,Symposia, etc.

S. No.	Name of the Faculty	Title of the paper	Congress/Conference/ Seminar /Workshop and Venue	Date
1.		Comparative Analysis of Machine Learning and Deep Learning Models for High-Precision Classification in Cyberattack Detection	International conference on Communication and Electronics System ICCES 2024	December 2024
2.	A.Anitha	Hybrid Cyber Threat Detection Model using Machine Learning, Deep Learning, Blockchain, and Federated Learning for Enhanced Security and Privacy	INTERNATIONAL CONFERENCE ON INNOVATIONS IN ENGINEERING AND TECHNOLOGY ICIET – 2025	April 2025
3.	A.Anitha	AI-Driven Prosthetics: Enhancing Mobility with Intelligent Systems	INTERNATIONAL CONFERENCE ON INNOVATIONS IN ENGINEERING AND TECHNOLOGY ICIET – 2025	April 2025
4.	A.Anitha	Detecting Phishing Websites using Machine Learning	INTERNATIONAL CONFERENCE ON INNOVATIONS IN ENGINEERING AND TECHNOLOGY ICIET – 2025	April 2025
5.	A.Anitha	Survey on Heart Attack Detection System for Early DAnithiagnosis	INTERNATIONAL CONFERENCE ON INNOVATIONS IN ENGINEERING AND TECHNOLOGY ICIET – 2025	April 2025
6.	J.E Judith	A Review on Explainable Artificial Intelligence for Gastrointestinal Cancer using Deep Learning	2024 Annual International Conference on Emerging Research Areas: International Conference on Intelligent Systems (AICERA/ICIS)	Oct.2024
7.	J.E Judith	A Survey on Deep Learning Based Human Activity Recognition system	International Conference on Advances in Artificial Intelligence and Machine Learning in Big Data Processing	Sep,2024
8.	J.E Judith	In-Depth Investigation of Artificial Intelligence -	2025 International Conference on Circuit	Aug,2024

S. No.	Name of the Faculty	Title of the paper	Congress/Conference/ Seminar /Workshop and Venue	Date
		Blockchain Integration Strategies for Security Enhancement	Power and Computing Technologies (ICCPCT)	
9.	J.E Judith	A Comprehensive Analysis of Feature Extraction Techniques for Human Activity Recognition using Deep Learning	2025 International Conference on Circuit Power and Computing Technologies (ICCPCT)	Aug.,2024
10	J.E Judith	Feature Extraction and Fusion in AI-driven Plant leaf disease Detection and Prediction System	International Conference On Adaptive Technologies For Sustainable Growth	Jan.,2025
11	J.E Judith	Smart Livestock Management using IoT	International Conference on Future of Connected Systems - IoT, AI & 5G [FoCS-2025]	May, 2025
12	J.E Judith	Adaptive Optimization for Deep Learning Based Automatic Leaf Disease Classification	International Conference on Advanced Information Science and Computing System	Jan.,2025
10.	Dr.G.Beni	Harnessing Deep Learning for Enhanced Diagnostic Accuracy and Disease Characterization in Medical Imaging	Hinweis Third International Conference on Advanced Research in Engineering and Technology, RTET-2024	28/12/2024
11.	Dr.G.Beni	Current Landscape of Extended Producer Responsibility(EPR) in Appliance Management	International Conference on "NAVIGATING AI:RESHAPING GLOBAL COMMERCE AND ECONOMICS"	Feb-25
12.	Dr.G.Beni	Survey on Cyber Forensic Tools	International Conference on Recent Trends in Computer Applications ICRTCA'25	Mar-25
13.	Dr.G.Beni	Integrating Deep Learning with Multi-Omic Data for Precision Oncogene Identification in Liver Cancer:A State-of-the-Art Review	International conference on Innovations in Engineering and Technology	Apr-25
14.	Dr.G.Beni	An analysis of Extended Producer Responsibility(EPR) in Appliance Management: Impacts on E-Waste	International conference on Innovations in Engineering and Technology	Apr-25

S. No.	Name of the Faculty	Title of the paper	Congress/Conference/ Seminar /Workshop and Venue	Date
		Reduction, Resource Recovery and Recycling Efficiency		
15.	Dr.L.Nisha Evangelin	Extracted Features from Pre-trained Networks for Brain Tumor Classification: A Performance and Computational cost of ML, ANN and CNN	1st International Conference on Technology and Innovation (ICTI 2024)	Nov-24
16.	Dr.L.Nisha Evangelin	A Comprehensive review of Breast cancer Detection using Machine Learning and Deep Learning Classifiers	International Conference on Green Technology and Management for Environmental Sustainability	Aug-24
17.	Dr.L.Nisha Evangelin	Optimal Design of E-Vehicle using Deep Convolutional Neural Network	International Conference on Green Technology and Management for Environmental Sustainability	Aug-24
22	Dr.L.Nisha Evangelin	AI-Based sensor system to prevent Bird collision in Aircraft Engine	International Conference on Future of connected systems IoT,AI & 5G (FoCS-2025)	May 24
23	Dr.L.Nisha Evangelin		International Conference on Future of connected systems IoT,AI & 5G (FoCS-2025)	May24
18.	Dr. G. Venifa Mini	Smart Cardio: Smart IOT based heart disease diagnosis with optimal feature selection and dense non-local coordinate attention network	IEEE International Conference on Advances in renewable energy and intelligent systems (AREIS 24) at Jyothi engineering college, Cheruthuruthy, Thrissur	5 th and 6 th Dec 2024.
19.	Jebin Bose S	Advancements in Malware Detection : A Survey	Innovative Strategies for Linguistic Research and Effective Communication (ICILE24)	24 th and 25 th Oct 2024
20.	Jelin Taric G	SignChatAI: Generative AI for Deaf-and-Mute Community using Indian	2024 International Conference on Computing and	5 th and 6 th Dec 2024

S. No.	Name of the Faculty	Title of the paper	Congress/Conference/ Seminar /Workshop and Venue	Date
		Sign Language(ISL)	Intelligent Reality Technologies (ICCIRT)	
21.	C. R. Jothy	In-Depth Investigation of Artificial Intelligence - Blockchain Integration Strategies for Security Enhancement	2025 International Conference on Circuit Power and Computing Technologies (ICCPCT)	Sep,2024
22.	C. R. Jothy	IoT Securitization by integrating blockchain and AI	International Conference on Future of Connected Systems - IoT, AI & 5G [FoCS-2025]	May, 2025
23.	C. R. Jothy	Smart Livestock Management using IoT	International Conference on Future of Connected Systems - IoT, AI & 5G [FoCS-2025]	May, 2025
24.	C. R. Jothy	Sign-tone AI-Powered Deaf companion for inclusive Communication between Deaf and Hearing Individuals	International Conference on Future of Connected Systems - IoT, AI & 5G [FoCS-2025]	May, 2025
25.	Dr.B.Ben Sujitha	An Integrated Mobile Application for Automated Detection of Plant Leaf Diseases and Pest Infestations	8th International Conference on Inventive Systems and Control, IEEE	Aug 2024
26	Dr.B.Ben Sujitha	A Multimode Deep Learning framework	International Conference on Future of Connected Systems - IoT, AI & 5G [FoCS-2025]	May 2025
	Dr.B.Ben Sujitha	Advancements in Deepfake Detection : A Comprehensive Review of AI-Driven Approaches	IEEE International Conference	march 2025
	Dr.B.Ben Sujitha	Design and Fabrication of an AI-Powered Autonomous Robotic System for Real-Time Pest Detection and Monitoring in Agricultural Fields	International Conference on Software Engineering and Computer Science	may 2025
	Dr.B.Ben Sujitha	Solar Powered Smart Home Gardening System Using IoT	International Conference on Software Engineering and Computer Science	may 2025

S. No.	Name of the Faculty	Title of the paper	Congress/Conference/ Seminar /Workshop and Venue	Date
	Dr.B.Ben Sujitha	A Comprehensive Review of Crafting Intelligent prompt for AI Language Models	International Conference on Software Engineering and Computer Science	may 2025
	Dr.B.Ben Sujitha	An AIoT Powered support system for Individuals with Visual Impairments	International Conference on Software Engineering and Computer Science	may 2025
	Dr.B.Ben Sujitha	Performance Analysis of 6G wireless Network Harnessing Ultra Rapid Data Transfer	International Conference on Software Engineering and Computer Science	may 2025
	Dr.B.Ben Sujitha	A Blockchain Powered Approach to Enhancing Data Privacy and Integrity in IoT	TNSCST Sponsored 2 day International Conference on Advancing Technologies and Innovative Breakthroughs in Computing and Communication	March 2025
	Dr.B.Ben Sujitha	Design and Fabrication of an AI-powered Autonomous Robotic System for Real Time Pest Detection and Monitoring in Agricultural fields	International Conference	may2025
	Dr.B.Ben Sujitha	Mind over Matter: Investigating the Impact of Mindfulness based Stress Reduction on student well being	AICTE Sponsored International conference on Artificial Intelligence in Medical and Health Sciences	march 2025
	Dr.B.Ben Sujitha	The Role of NEP2020 in Promoting Multidisciplinary Education in India	ISTE sponsored 11th International conference on Latest Trends in Science	April 2025
	Dr.B.Ben Sujitha	Leveraging K-Means Clustering for customer Mapping in Statagic Business Development within E-Commerce Retail	International Conference on AI-Powered Approaches to Graph Theory and Applications	may 2025
	Dr.B.Ben Sujitha	Going Green with Big Data	National Conference on Green Management Practices	April 2025

S. No.	Name of the Faculty	Title of the paper	Congress/Conference/ Seminar /Workshop and Venue	Date
	Dr.B.Ben Sujitha	Big Data in Green Management	National Conference on Green Management Practices	April 2025
	Dr.B.Ben Sujitha	A Critical survey on cloud - Ensemble Machine Learning Approaches for IoT Attack in Edge Computing	International Research Conference - resilience for Sustainability , Management Practices and strategies for the future	Feb 2025
	Dr.B.Ben Sujitha	The Impact of Social Media in Terrorist Attack Detection: A Comprehensive Study	2025 International Conference on Machine Learning and Autonomous Systems (ICMLAS)	march 2025
	Dr.B.Ben Sujitha	Performance Analysis of 6G Wireless Network Harnessing Data Transfer and Application	International Conference on Future of Connected Systems - IoT, AI & 5G [FoCS-2025]	May, 2025
	Dr.B.Ben Sujitha	The Intelligent Path to sustainability : Big Data in Green Management	National Conference on “ Green Management Practices	April 2025
	Dr.B.Ben Sujitha	A Survey of Quantum Computing in the context of computational complexity : insights and implications for classical computing	national Conference on recent Innovations in Science and Technology for Sustainability	Aug 2024

b) Foreign Faculty/Expert visit to the Department:

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1	S.Margret Vijay Director	CODL,Global Ranking and Data Analytics	Maldives	May 2025	International Conference

6. Faculty acted as Chief Guest, Keynote Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty member	Role	Event	Title	Venue & Date
1	Dr.L.Nisha Evangelin	Resource Person	FDP	Prompt Engineering for Software Design and Documentation	Panimalar Engineering College ,Chennai on 17/6/2025
2	Dr.L.Nisha Evangelin	Resource Person	Expert Talk	RRReinforcement Learning	LBS Institute of Technology for Women, Kerala on 25/7/2025
3	Dr.B.Ben Sujitha	Technical Session Chair	Session Chair	International Conference	Gurgeon
4	Dr.J.E Judith	Technical Session Chair	Session Chair	International Conference ICON-2025	Dr.MGR Educational and Research Institute,19/03/2025& 20/03/2025
5	Dr.J.E Judith	Technical Session Chair	Session Chair	International Conference ICIET-2025	NICHE 2nd and 3rd April,2025
6	Dr.B.Ben Sujitha	Judge	project Competition	National level Project	Kamaraj College April 2025
7	Dr.B.Ben Sujitha	Resource Person	FDP	FDP on Exploratory Data Analysis and Visualization	St.Xaviers Catholic College of Engineering in Association with ICT sep 2024
8	Dr.B.Ben Sujitha	Resource Person	PDP	Edge Computing Powered Artificial Intelligence of Things	NICHE Nov 2024

S. No.	Name of the Faculty member	Role	Event	Title	Venue & Date
9	Dr.B.Ben Sujitha	Resource Person	FDP	FDP on Next Generation Technologies in Aviation ,Intelligent System and Green Energy	NICHE May2025

7. Details of Seminars, Conferences, Refresher courses, Webinars Organised :

S. No.	Name of the Faculty member	Congress/Conference/Seminar/ Workshop/Symposia , Webmniars etc. organised	State/National/ International Level	Date
1	Dr. B. Ben Sujitha	Webinar On Machine Learning And It's Applications	University Level	29-07-2024
2	Dr. B. Ben Sujitha	A Webinar on Unlocking The Power Of Data: A One Day Data Science Intensive	University Level	31-07-2024
3	Dr. B. Ben Sujitha	A Workshop on Exploratory Data Analysis And Visualization	University Level	01-08-2024
4	Mrs. C. R. Jothy	Freshers Day	University Level	02-08-2024
5	Mr. Jelin Taric G	A Seminar On Automation And It's Applications	University Level	14-08-2024
6	Mr. Jelin Taric G	Seminar Ethical Hacking and Cyber Security	University Level	19-08-2024
7	Mr. Jelin Taric G	Workshop Web Design Standards with Bootstrap	University Level	28-08-2024
8	Dr. J. E. Judith and Dr. G. Venifa Mini	Workshop on Image Classification using CNN and Pre Trained Models	University Level	29-08-2024
9	Mrs. C. R. Jothy	Onam Celebration	University Level	12-09-2024
10	Mr. Jelin Taric G	Workshop on UI & UX Design	University Level	26-09-2024
11	Mr. Jelin Taric G	Workshop on Deep Learning for classifying images of clothing using TensorFlow	University Level	26,27-09-2024
12	Mr. Jelin Taric G	Workshop on Essentials of UI / UX Design	University Level	18-10-2024
13	Mr. Jelin Taric G	Workshop on Python Programming	University Level	25-10-2024
14	Mr. Jelin Taric G	Seminar on Essentials of Data Science, AI & ML	University Level	28-10-2024
15	Dr. B. Ben Sujitha	Industrial Visit to Srishti Innovative Computer Systems, Trivandrum	University Level	29-10-2024

S. No.	Name of the Faculty member	Congress/Conference/Seminar/ Workshop/Symposia , Webmniars etc. organised	State/National/ International Level	Date
16	Mr. Jelin Taric G	Seminar on AI in Advanced Technology	University Level	04-11-2024
17	Dr. V. G. Ranjith	FDP on Empowering Smart Education and Research with AI and IoT: Strategies for the future	National Level	25-11-2024
18	Mrs. C. R Jothy	Christmas Celebration	University Level	18-12-2024
19	Dr.L.Nisha Evangelin	Alumni Meet 2024	University Level	27-12-2024
20	Mr. Jelin Taric G	Workshop On Introduction To Dot Com Business	University Level	22-01-2025
21	Mr. Jelin Taric G	Seminar On Future Forward Design Process (UI/UX)	University Level	18-02-2025
22	Dr. V. G. Ranjith	Guest Lecture On Design Thinking : An Insight Into Reality	University Level	27-02-2025
23	Dr. G. Venifa Mini and Mrs. Jothy	International Women's Day Celebration	University Level	06-03-2025
24	Mr. Jelin Taric G	Seminar On Introduction To IOS	University Level	10-03-2025
25	Mr. Jelin Taric G	Workshop On Software Testing	University Level	14-03-2025
26	Mr. Jelin Taric G	Awareness Programme On Higher Education In German University	University Level	26-03-2025
27	Mr. Jelin Taric G	Seminar On Data Science And AI	University Level	02-04-2025
28	Mr. Jelin Taric G	Seminar On Search Engine Optimization	University Level	04-04-2025
29	Mrs. C. R. Jothy and Mr. G. Jelin Taric	Symposium – Technora 2025	National Level	25-04-2025
30	Dr. J.E. Judith and Dr. G. Venifa Mini	International Conference On Future Of Connected Systems	International	02-05-2025
31	Mr. Jelin Taric G	Internship Awareness Programme	University Level	12-05-2025
32	Mr. Jelin Taric G	Internship - A New Possibility To Bridge Academia & Industry	University Level	14-05-2025
33	Dr. L. Nisha Evangelin	Quiz Competition	University Level	26-05-2025
34	Dr. L. Nisha Evangelin	Alumni Interaction	University Level	26-05-2025
35	Mr. Jelin Taric G	PDP on AI in Education: From Trend to Transformation	University Level	30-05-2025
36	Dr. B. Ben Sujitha	Extension Activity : Charity for Differently Abled	University Level	31-05-2025

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/SCI/UGC care	Volume No. Issue No.	Year of Publication	Page (pp)
1.	J.E Judith	Enhancing cloud storage security through blockchain-integrated access control and optimized cryptographic techniques	International Journal of Advanced Technology and Engineering Exploration,2394-5443, Scopus	Vol No.11 IssueNo .117	Aug.7,2024	1183-1197
2.	J.E Judith	Deep Learning Model with Normalized Bayesian Optimizer for Anomaly Classification in IoT Security	SSRG International Journal of Electronics and Communication Engineering, 23488549, Scopus	Volume 11, Issue 8,	Aug.,2024	185-199
3.	J.E Judith	Convolutional Neural Network with Extreme Learning for the Classification of Plant Leaf Diseases from Images	International Journal of Computing and Digital Systems,2210-142X,Scopus	VOL. 17, NO. 1,	Sep.,2024	1-12
4.	J.E Judith	Navigating the IoT Landscape:A Deep Dive into Anomaly Classification for IoT Security	SSRG International Journal of Electronics and Communication Engineering,23488549, Scopus	Volume 11,Issue 11,	Dec.,2024	153-167
5.	J.E Judith	Accurate Diagnosis of Plant Leaf Diseases Using Transfer Learning and CNN-Dense Classification Fusion	Bradelya, 0265-086X, SCI	Vol. 43, Issue 3,	Mar.,2025	45-64

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/SCI/UGC care	Volume No. Issue No.	Year of Publication	Page (pp)
6	Dr.B.Ben Sujitha	ID-KOS Method: Image Defogging via Kookaburra Optimized Stationary Wavelet Decomposition Method	ETE Journal of Research SCI	Vol. 4, No. 1	Dec 2025	1-15
7	Dr.B.Ben Sujitha	Deep Learning-Driven Detection of Terrorism Threats from Tweets Using DistilBERT and DNN	International Journal of Advanced Computer Science and Applications SCOPUS	Vol. 16, No. 2	aug 2025	758-772
8	Dr.B.Ben Sujitha	Crystals kyber cryptographic algorithm for efficient IoT D2d communication	Wireless Networks SCI	Vol. 2, No. 1,	july 2024	PP. 1-18
9	Dr.B.Ben Sujitha	An Efficient Breast Cancer Detection Using Machine Learning Classification Models	International Journal of Online & Biomedical Engineering SCI	Vol. 20, No. 13	2024	PP. 1-15
10	Dr.B.Ben Sujitha	Smart Environmental Monitoring Systems: IoT and Sensor Based Advancements	Environmental Monitoring Using Artificial Intelligence SCI	Vol. 1, No. 1,	2025	PP. 45-60
11	Dr.B.Ben Sujitha	Deep Learning-Driven Detection of Terrorism Threats from Tweets Using DistilBERT and DNN	International Journal of Advanced Computer Science and Application SCOPUS	Vol. 16, No. 2,	2025	PP. 121-129
12	Dr.B.Ben Sujitha	Exploring Innovations in Bone Fracture Detection	International Journal of Scientific Research in	Vol. 10, No. 7,	2024	PP. 200-210,

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/SCI/UGC care	Volume No. Issue No.	Year of Publication	Page (pp)
		Technologies : A Review	Computer Science, Engineering and Information Technology UGC			
13	Dr.B.Ben Sujitha	Revolutionizing Bone Fracture Diagnosis: A Deep Learning Approach to X-Ray Image Analysis	SSRG International Journal of Electronics and Communication Engineering SCOPUS	Vol. 11, No. 11,	DEC ,2024	PP. 219-223
14	Dr.B.Ben Sujitha	Breaking Barriers: A Survey of Sign Language Translation Systems	INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN TECHNOLOGY SCOPUS	Vol. 11, No. 8,	JAN ,2025	PP. 833-837
15	Dr.B.Ben Sujitha	ANOMALY DETECTION TECHNIQUES IN INTERNET OF THINGS: A SURVEY	Journal of Emerging Technologies and Innovative Research UGC	Vol. 11, No. 10,	2024	PP. 95-102
16	Dr.B.Ben Sujitha	ALZHEIMER'S PREDICTION USING MACHINE LEARNING	International Research Journal of Engineering and Technology UGC	Vol. 12, No. 2,	2025	PP. 192-196
17	Dr.B.Ben Sujitha	AMENET: DEEP LEARNING-BASED	International Journal of Current Bio-	Vol. 3, No. 1		PP. 19-25

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/SCI/UGC care	Volume No. Issue No.	Year of Publication	Page (pp)
		AUTOMATED MELANOMA DETECTION USING RESNET50 AND RANDOM FOREST	Medical Engineering			
18	Dr.B.Ben Sujitha	A REVIEW ON MELANOMA SKIN CANCER CLASSIFICATION USING DEEP LEARNING TECHNIQUES	International Journal of Current Bio-Medical Engineering	Vol. 3, No. 1,		PP. 26-30
19	Dr.B.Ben Sujitha	Advancements in Infant cry Classifications : A Literature Review on Methods and Systems	International Journal of Innovative research in Technology SCOPUS	Vol. 11, No. 9,	2025	PP. 1386-1390
20	Dr.B.Ben Sujitha	A Novel Hybrid Approach for Deep fake Detection Using DenseNet - 121 and Inception V3	IJIES SCOPUS	Vol. 18, No. 6,	MAY 2025	PP. 303-321
21	Dr.B.Ben Sujitha	Secured Private Data Sharing Based on Blockchain Method in Internet of Things	INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN TECHNOLOGY (UGC)	Vol.11, No.10	MAR 2025	pp.642-647
22	Dr.B.Ben Sujitha	Analyzing and Detecting Plant Pathology through Image Thresholding, Canny Edge Detection, and Morphological Operations	IJSRCSEIT(WoS)	Vol.10, No.7	JUNE 2024	pp.96-104

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/SCI/UGC care	Volume No. Issue No.	Year of Publication	Page (pp)
23	DR .V G. Ranjith	Grey Wolf optimized SwinUNet based transformer framework for liver segmentation from CT images	Computers and Electrical Engineering Elsevier Ltd, SCI	Vol. 117, No. 1	2024	PP. 109248
24	DR .V G. Ranjith	Convolution neural network-AlexNet with gazelle optimization algorithm-based software defect prediction	Knowledge and Information Systems,, Springer London, SCI	Vol. 67, No. 3	2025	PP. 6285-6306,

9. Details of patents applied/awarded:

S.No.	Name of the Faculty member	Title	Date of filling	Application No.	Award No.
1.	Dr. V. G. Ranjith	IOT enabled digital micro meter	11-2-2025		
2.	Dr. B. Ben Sujitha	Advanced Hypertension Patient identification system	8-04-2024		202411028698 Granted
4.	Dr. G. Venifa Mini, Dr. J. E. Judith, Dr. G. Beni, C. R. Jothy	AN IoT based solar power Agricultural Robot	7/4/2024		
5	Dr. B. Ben Sujitha	AI POWERED FRAMEWORK FOR PREDICTIVE MAINTENANCE IN INDUSTRIAL IOT NETWORKS	26/06/2024	20625/2024-CO/L	L-153515/2024 Granted
6	Dr. B. Ben Sujitha	Smart Mirror with Integrated AR Display for Health Monitoring	26-05-2025	6447088	

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book	Name of the Chapter	ISBN/ISSN number of the proceeding	Publisher/ Place	Year
1.	Dr. V. G. Ranjith	Artificial Intelligence and Machine Learning		978-93-6260-140-7	Charulatha Publications , Chennai	August, 2024
2.	B.BEN SUJITHA	Artificial Neural Networks, Deep Learning and Computer Vision		978-81-980078-7-2	SAN International Scientific Publication	2024
3	B.BEN SUJITHA	Environmental Monitoring Using Artificial Intelligence	Smart Environmental Monitoring Systems: IoT and Sensor-Based Advancements	9781394270361	Scrivener Publishing	2025
4	J.E Judith	Smart Technologies for Sustainable Livestock system	Healthy Livestock by Monitoring the Health of Plants	10.1201/9781003527114-5	Taylor and Francis	Jan 2025
5	J.E Judith	Sustainable Development Goals:Technologies and Opportunities	Smart Supply Chain Management for Efficient Consumption and Production	9781003468257	Taylor and Francis	2024
6	J.E Judith	Smart Technologies for Sustainable Development Goals	<i>Blockchain for Transparent Food Supply Chains</i>	9781003569664	Taylor and Francis	2025
7	J.E Judith	<u>Lecture Notes in Networks and Systems</u>	License Plate Recognition of Motorcycle Riders Without Helmet Using Deep Learning,	978-3-031-81082-4	Taylor and Francis	
8	J.E Judith	<u>Lecture Notes in Networks and Systems</u>	A Review of Deep Learning Based Human Activity Recognition System	978-3-031-81080-0	Springer	2025

S. No.	Author(s)	Name of the Book	Name of the Chapter	ISBN/ISSN number of the proceeding	Publisher/ Place	Year
9	J.E Judith	<u>Integrated Technologies in Electrical, Electronics and Biotechnology Engineering</u>	Pattern representation method in time-series data: A survey,	9781003606208,	Taylor and Francis	2025
10	J.E Judith	Neural Networks and Graph Models for Traffic and Energy Systems	Anamoly Detection in Traffic Systems	10.4018/979-8-3373-0290-4.ch004	IGI Global Scientific Publishing	Feb 2025
11	Dr.L.Nisha Evangelin	Artificial Neural Networks, Deep Learning and Computer Vision	Convolutional Neural Networks	978-81-980078-7-2	SAN International Scientific Publication	Nov-24
12	Mr. G. Jelin Taric	Artificial Neural Networks, Deep Learning and Computer Vision	Convolutional Neural Networks	978-81-980078-7-2	SAN International Scientific Publication	2024
13	Ms. C. R. Jothy	<i>Sustainable Development Goals:Technologies and Opportunities</i>	Smart Supply Chain Management for Efficient Consumption and Production	9781003468257	Taylor and Francis	2024
14	Ms. C. R. Jothy	<i>Smart Technologies for Sustainable Development Goals</i>	<i>Blockchain for Transparent Food Supply Chains</i>	9781003569664	Taylor and Francis	2025
15	Ms. C. R. Jothy	Neural Networks and Graph Models for Traffic and Energy Systems	Anamoly Detection in Traffic Systems	10.4018/979-8-3373-0290-4.ch004	IGI Global Scientific Publishing	Feb 2025

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO.	Name of the Programme / Branch of study	Sanct ioned Strength	Enrolmen t during 2024-25		Total	Community														Existing Students, Strength								Pass Perce ntage of outgoi ng batch				
			F	M		OC	BC	BCM		IBC/ DNC		SC		SCA		ST	II year	III year				IV year										
								M	F	M	F	M	F	M	F			M	F	M	F	M	F	M	F							
	UG Programme																															
1	S4 BE CSE	60	13	33	46	9	-	19	9	3	4	1	-	-	-	-	-	1	-	33	13											
2	S4 BE AI&DS	60	7	26	33	2	-	10	2	10	4	1	-	-	-	-	-	-	-	26	7											
3	S6 BE CSE	30	6	34	40	2	-	25	5	2	1	3	-	2	-	-	-	-	-			34	6									
4	S6 BE AI&DS	30	2	11	13	1	-	7	-	3	1	-	1	-	-	-	-	-	-			11	2									
5	S8 BE CSE	30	4	25	29	2	1	15	1	4	1	2	1	-	-	-	-	-	-					25	4	86.9%						
6	S8 BE AI&DS	30	-	4	4	-	-	1	-	3	-	-	-	-	-	-	-	-	-					4	-	100%						
	PG Courses																															
7	S2 ME CSE	25	-	3	3	-	-	-	3	-	-	-	-	-	-	-	-	-	-													
8	S4 ME CSE	25	2	1-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-							100%						
9	Ph.D Programme				Noorul Islam Centre for Higher Education Annual Report 2024-2025																											

	Diploma Certificate Courses (if any)																								
	MOOC/NPTE L/UGC online courses offered																								
	Total																								

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	
1	S4 BE CSE	Indian	Kerala	13	4	17
2	S4 BE AI&DS	Indian	Kerala	8	1	9
3	S6 BE CSE	Indian	Kerala	7	3	10
4	S6 BE AI&DS	Indian	Kerala	2	-	2
5	S8 BE CSE	Indian	Kerala	8	2	10
6	S8 BE AI&DS	Indian	Kerala	2	-	2

13. U.G./P.G. and Research degrees awarded:

S. No	UG		P.G.		Ph.D.		
		Total		Total	FT	PT	Total
1	BE CSE		ME CSE	2			
	BE AI&DS						

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded :

S. No.	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1	NIL	NIL	NIL	NIL	NIL

15.Scholarships Awarded:

S. No.	Nature of Scholarship	P.G.		Ph.D.		Total Amount Rs.
		M	F	M	F	
1	B.C.(State)	-	-	-	-	-
2	B.C.M.(State)	-	-	-	-	-
3	M.B.C./D.N.C.(State)	-	-	-	-	-
4	SC/SCA/ST(National)	-	-	-	-	-
5	SC/SCA/ST(State)	-	-	-	-	-
6	Management Scholarship	-	-	-	-	-
7	Loan Scholarship	-	-	-	-	-
8	Moovalur Ramamirtham Ammaiya Scheme	-	-	-	-	-

S. No.	Nature of Scholarship	P.G.		Ph.D.		Total Amount Rs.
		M	F	M	F	
9	'Pudhumai Penn' (modern woman)	-	-	-	-	-
10	Tamiz Puthalvan	-	-	-	-	-
11	Others (please Specify the scholarship)	-	-	-	-	-
	Total	-	-	-	-	-

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App	Pas s	App	Pas s	App	Pas s	App	Pas s	App	Pas s	App	Pas s	App	Pas s	App	Pas s
1	UG-CSE	44	25	41	28	37	12	35	10	27	10	26	12	21	11	23	20
2	UG-AI & DS	29	13	30	17	13	5	13	06	04	02	04	04	02	01	02	02
3	PG-CSE	02	02	02	02	05	03	05	04								

17. Placement Details:

Name of the Placement co-ordinator: Jelin Taric G/Dr.L.NishaEvangelin			
Phone/Mobile Number :e-mail: 8220320200/9042261648			
Number of Placement Programmes:			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	9	3
2	Number of Placements obtained through Campus Interview	9	3
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	11:26	1:4

18. Outstanding achievements by the Faculty Members:

S. No.	Name of the Faculty	Achievements	Agency
1	Dr. A. Anitha	Best Researcher Award	International Award Ceremony on Higher Education Excellence Awards [HEEA 2024]
2	Dr. B.Ben Sujitha	Excellent Paper Award	International Conference

19. Outstanding achievements by Students:

S.No	Name of the Student	Achievements	Agency
1.	Faheema Joohi S	First prize [Versification (English)]	NICHE
2.	Faheema Joohi S & Jinoslin S	Second Prize [Art from Waste]	NICHE
3.	Faheema Joohi S	Second Prize [Poster Design]	NICHE
4.	Faheema Joohi S	First Prize [Poster Presentation]	NICHE
5.	Shehanaz Begam	First Prize [Mini Volley Ball]	
6.	Subiksha R P	Second Prize [Paper Presentation]	St. Xavier's CCE, Chunkankadai
7.	Shehanaz Begam & Jinoslin	First Prize [Rangoli]	NICHE
8.	Jerin C.T	Second [Volley Ball]	State Level Competition Anna Stadium, Nagercoil
9.	Faheema Joohi S	Second Prize [Essay Writing]	NICHE
10.	Shehanaz Begam	Third Prize [Long Jump]	NICHE
11.	Jinoslin s	Second Prize [Poster Presentation]	NICHE
12.	Krishna Ayyappan	Third Prize [Essay Writing]	NICHE
12.	Shehanaz Begam	Third Prize [Poster Presentation]	NICHE
13.	Faheema Joohi S	Third Prize [Overall Academic Performance]	NICHE
14.	Shehanaz Begam	Third Prize [Overall Academic Performance]	NICHE
15.	D. A. Dona	First Prize [Chess]	NICHE
16	D. A. Dona	First Prize [Debugging]	St. Xavier's CCE, Chunkankadai

20. Department Meetings Held : BOS, Programme Committee, Course Committee etc.

S.No	Name	Date	
1	External BOS Meeting	13/05/2024	
2	Internal BOS Meeting	20/02/2025	
3	External BOS Meeting	27/05/2025	
1	First Class Committee(EVEN)	12-01-2025	
2	First Programme Committee(EVEN)	14-2-2025	
3	Second Class Committee(EVEN)	05-03-2025	
4	Second Programme Committee(EVEN)	11-03-2025	
5	Third Class Committee(EVEN)	16-04-2025	
6	Third Programme Committee(EVEN)	19-04-2025	

S.No	Name	Date	
7.	First Class Committee(ODD)	04-08-2024	
8	First Programme Committee(ODD)	17-08-2024	
9	Second Class Committee(ODD)	07-09-2024	
10	Second Programme Committee(ODD)	21-09-2024	
11	Third Class Committee(ODD)	7-11-2024	
12	Third Programme Committee(ODD)	17-11-2024	

21. Infrastructure and Research facilities available (Please specify equipments more than Two Lakhs Only) :

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical
1	IOS Lab	Computer Systems	11	Research

22. Extension activities carried out :

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	NIL	NIL	NIL	NIL

23. Department Library/Learning Resources/ Information and Language Lab: LNE

Name of the Librarian or Faculty in-charge of the Library: Dr.L.Nisha Evangelin

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	1243	7	No. of titles available	725
2	Books added during the year 2024-25	1	8	No. of CDs and Digital Books Available	150
3	No. of Indian Journals/Magazines	-	9	No. of Foreign Magazines/Journals	-
4	No. of data bases available	-	10	No. of Online Journals	-
5	Average No. of students visiting the Library per day	10	11	Average No. of books Issued per day	2
			12	No. of digital books	-
6	Availability of Internet (Specify the Capacity) (e.g. – 8 Mbps etc.,)		13	Availability of Language Lab	-
			14	NDL membership 1. Faculty members 2. Students	

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos .	S. No.	Name of the Equipment	Specifications	Nos .
1.	APPLE IMAC	PRL/8GB RAM/256 HDDM1/W8(Z1300 0LT)	11				

24.Collaborative Researches : NIL**25.Consultancies : NIL****26.No. of NET/SET/GATE/CSIR Qualified students: NIL****27. MOUs signed :**

S.No	Date	MoU signed with	Number of Activities	Remarks
	15-3-2025	SCOPE INDIA SUFFIX E SOLUTIONS	1	
1	4-4-2024	AK infotech	2	
2	7-5-2024	Inbox solution	6	

28. Innovations and Best Practices :**29. Academic Flexibility :**

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed
1	Machine Learning	NPTEL	1	1
2	Cloud Computing	NPTEL	1	1
3	Cyber Security and Privacy	NPTEL	1	1

NAME OF THE DEPARTMENT: ENGLISH

1. Department Details :

Name of the Faculty	Faculty of Science and Humanities
Name of the HoD, Phone No. and E-mail ID	Prof. A. Khaleel Rahuman , 9486840283, khaleelniu@gmail.com
Year of Establishment	1989
Telephone Number	9486840283
Website / E mail	english@niuniv.com

2. Details of Faculty Members and Supporting staff :

S. No.	Name of the Faculty Members and Supporting staff	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
1.	Dr. R. Subramania Pillai	M. A., M. Phil., Ph.D.	Professor	Indian Writing in English	39	15	rspillai06@gmail.com
2.	Dr. R. David Raja Bose	M.A., M. Phil., Ph. D.	Professor	Comparative Literature	37	15	rdrajabose61@gmail.com 9443579244
3.	Dr. R. Radharamanan Pillai	M.A., M. Phil., Ph.D.	Prof.	ELT	43	39	profrpillai@gmail.com
4.	Prof. A. Khaleel Rahuman	M.A., M. Phil.	Associate Prof. & HOD	American Literature Postmodernism	29	17	khaleelniu@gmail.com 9486840283
5.	Dr. P. Deepa	M.A., M. Phil., Ph. D.	AP	ELT	18	12	deepam_nice@rediffmail.com 6374075818
6.	Dr. J. Sheila	M. A.; M. Phil (Eng.); M. Sc. (Psy.); M. A. (Soci.); MBA (Edu. Mgt.); Ph. D. (Eng.)	AP	Canadian Literature, Indian Writing in English.	26	10	jsheila@niuniv.com 9445150802
7.	Dr. M. Kohila	M.A., M.Phil., Ph.D.	Assistant Professor	Indian Writing in English	19	05	Kohisatha2005@gmail.com 6379028573
8.	Dr. D. V. Gifty Davis	M. A., Ph. D.	AP	Nigerian Literature	-	4	giftydavis@niuniv.com 9486379244
9.	Dr. P. S. Lekshmi	M. A., M. Phil. Ph. D., NET	AP	South Asian Literature, Children's Literature	6	2	lekshmips@niuni.v.com 9751852396

S. No.	Name of the Faculty Members and Supporting staff	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
10.	O. M. Mohamed Yaseen	M. A., M. Phil., B.Ed.	TA	Indian Writing in English	5		al.yaseen07@gmail.com / 9566890957
11.	Jinu Sam S. J.	M. A., M. Phil., B. Ed.	TA	Indian Writing in English	3	Nil	jinusam@niuniv.com / 7598013470
12.	Ajin Monish A.	M. A., M. Phil. B. Ed., PGDELT., B. Lib. Sc.	TA	Tribal Literature, Indian Writing in English,	3	Nil	ajin.monish@gmail.com ajinmonish@niuni.v.com 9487351842

3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		Chapter s/ Books		API		Ph.D. awarded		Cumulative Scholars
		24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	Ph.D.
1	Dr. R. Subramania Pilla	Nil	Nil	2	10		Nil	Nil	Nil			01	5	8
2	Dr. R.David Raja Bose			2								1		3
3	Dr.P.Deepa		02		04		03							
4	Dr. J. Sheila		NIL		3		NIL						NIL	

4.. Research Schemes/Projects undertaken and applied for : NIL

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1						

5. a) Participation of the Faculty members, presentation of papers in Congresses/Conferences/Seminars/Workshops,Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/Seminar / Workshop and Venue	Title of the paper	Date
1.	Dr. R. David Raja Bose	International Conference	Custody Battle in Manju Kapur's <i>Custody</i>	2025
		International Conference	Mapping Gendered Experiences: Examining Women's Spaces in Mamang Dai's <i>The Black Hill</i>	16 Apr. 2025
		International Conference	Tradition and Culture in Arunachal Pradesh: Mamang Dai's <i>The Legends of Pensam</i>	6 Mar. 2025
		International Conference Organized by Arts, Humanities, Management, Law and Technologies, Poovar, Kerala	Kinship and Belonging: The Hijra Family in Revathi's <i>A Truth About Me</i>	22 Feb. 2025
		National Conference	A Cultural Perspective on Arunachal Pradesh: Mamang Dai's <i>The Legend of Pensam</i>	21 Feb. 2025
2	Dr. P. Deepa	Workshop Department of Information Technology, NICHE	An Insight into Deep Learning	25 Sep. 2024
		Seminar Department of English Vivekananda College, Agasteeswaram	Arts in the Time of Hamlet's Android phone & AI's Aristotle.	5 Nov. 2024
3	Dr. J. Sheila	Conference Fourth KAAS International Conference on Multidisciplinary Research, Sree Ayyappa College for Women, Chunkankadai, Nagercoil	Food: A Nexus between the Homeland and Hostland in Jhumpa Lahiri's <i>The Namesake</i> 978-93-81658-43-7	28 th and 29 th Feb. 2024
		Conference International Conference on <i>Rethinking Linguistics and Pedagogy</i> , St. Alphonsa College of Arts and Science, Karinkal, Kanniyakumari District, Tamil Nadu	Unearthing the Unseen : Ecocritical Perspectives on Displacement and Loss in Jhumpa Lahiri's <i>The Lowland</i>	23 rd Mar. 2024

S. No.	Name of the Faculty	Congress/Conference/Seminar / Workshop and Venue	Title of the paper	Date
		International Conference on Multidisciplinary Research KAAS	Chitra Banerjee Divakaruni's <i>Vine of Desire</i> as a Revelation of Maladies of Patriarchy	28-2-2024 & 29-2-2024
		Personal Development Programme: Convergence of Nanotechnology & Machine Learning: The State of the Art Challenges and Perspectives	Participation	26 Jul. 2025
		Webinar: The Evolution of Childhood: Historical Constructions to Posthuman Hybridity. (Online Participation)	Participation	31 Jul. 2025
		Webinar: The Role of Globalisation in Shaping Modern Diplomatic Strategies. (Online Participation)	Participation	5 Aug. 2025
46	Dr. D.V. Gifty Davis	Prof. Ramaswamy Endowment Forth National Seminar at Scott Christian College, Nagercoil, Tamil Nadu	Participation	21 Mar. 2025
		Workshop on Approach to Qualitative Research for Social Sciences at NICHE, Kumaracoil, Tamil Nadu	Participation	28 May 2025
5	Dr. P. S. Lekshmi	One Week Online Faculty Development Program on Simplifying The Journey of Research: Insights from the journey of an IKS Researcher	Participation	28 Apr. 2025 to 3 May 2025
		Global Conference on Media, Film and Visual Arts NICHE, Kumaracoil, Tamil Nadu	Journalism in Conflict Zones: Bearing Witness in the Line of Fire	22 May 2025
		Five Day Online FDP on Empowering Media Educators for the Digital Storytelling Era	Participation	26 to 30 May 2025
		One Week Online Faculty Development Program on Craft of Writing Creatively : A Pedagogy for	Participation	9 to 14 Jun. 2025

S. No.	Name of the Faculty	Congress/Conference/Seminar / Workshop and Venue	Title of the paper	Date
		Academics and Professionals		
		National Webinar on From Chalk Board to Reels: Transform Teaching with Creative Content	Participation	22 Jun. 2025
		National Webinar on Mastering the Art of Literature Review: Strategies for Research Success	Participation	25 Jun. 2025
		Tapestry of Visual Narratives in India	Participation	27 Jun. 2025
6	O. M. Mohamed Yaseen	Two Day Hybrid International Conference by PG & Research Department of English, Sakthi College of Arts and Science for Women, Oddanchatram, Tamil Nadu	Empowerment through Identity in Manobi's <i>A Gift of Goddess Lakshmi</i>	23 - 24, Jul. 2024
7	O. M. Mohamed Yaseen	International Conference By Department of Additional Languages, Sacred Heart College (Autonomous), Thevar , Kochi, Kerala	Understanding the Issues of Transgender Individuals in the Indian Scenario	09 Aug. 2024
		International Conference on Diasporic Literature Organised by Department of English, St. Joseph's College Moolamattom, Arakkulam Idukki, Kerala, India	Identity and Transformation: Exploring Transgender Narratives in <i>Me Hijra, Me Laxmi</i> by Laxmi Narayan Tripathi	30 - 31 Aug. 2024
		International Conference by Arts, Humanities, Management, Law and Technologies, Poovar, Kerala	Kinship and Belonging: The Hijra Family in A. Revathi's <i>A Truth About Me</i>	20- 22, Feb, 2025
		International Conference at Prathyusha Engineering College, Tiruvallur, Tamil Nadu	Unveiling the Identity: An exploration on A. Revathi's <i>The Truth about Me: A Hijra Life Story</i>	20 Mar. 2025
8	Jinu Sam S. J.	International Online Seminar on "Arts in the Time of Hamlet's Android Phone & AI's Aristotle," Organizer: Department of	Participation	5 Nov. 2024

S. No.	Name of the Faculty	Congress/Conference/Seminar / Workshop and Venue	Title of the paper	Date
		English, Vivekananda College, Agasteeswaram, Kanniyakumari, Tamil Nadu, India		
		National Webinar on Financial Literacy, Discipline, Markets, Risks & Management - Multidisciplinary Skill - NEP 2020 , Organizer: Shhfi & Sricasw, India	Participation	2 Sept. 2024
		Online Quiz Competition on the occasion of National Librarians Day (132nd Birth Anniversary of Dr. S. R. Rangnathan) on Research Methodology	Participation	13 Aug. 2024
		Webinar on Technology and Strategy in Academic Libraries – IISR, Berhampur, Odisha, India (Online Participation)	Participation	3 July 2024
		Global Conference on Media, Film and Visual Arts - MEFIVA 2025 Organized by Sukumari School of Multimedia and Film Technology, NICHE	Reanimating Frankenstein Intersections of Literature, Film and Visual Arts in the Afterlife of Mary Shelley's Gothic Masterpiece	22 May 2025
9	Ajin Monish A.	Online FDP Gokul Global University Near Sujapur, Patia, Siddhpur, Gujarat 384151 (Online Participation)	Fantasy Literature : An Adventure to the Fantasy World of Shadow hunters and the Allomancers	19 to 24 Aug. 2024
		National Webinar – Multidisciplinary Skill NEP 2020 (Online Participation)	Financial Literacy , Discipline, Markets, Risks and Management	2 Sep. 2024
		National Level Guest Lecture - (Online Participation)	Developing Sports Culture in India Prospects and Challenges	29 Aug. 2024
		National Seminar - Scott Christian College, Nagercoil, Tamil Nadu	Green Literature	23 Aug. 2024
		National Webinar Gokul Global University– Siddhpur, Gujarat 384151 (Online Participation)	Children's Literature in Select Works of Sudha Murthy	15 Feb. 2025
		PDP organized by Department of Multimedia	Breaking into the Design Industry	21 May 2025

S. No.	Name of the Faculty	Congress/Conference/Seminar / Workshop and Venue	Title of the paper	Date
		Film Technology (MFT), NICHE, Kumaracoil, Tamil Nadu		
		Global Conference Organised by Department of Multimedia Film Technology (MFT), NICHE, Kumaracoil, Tamil Nadu	Cinematic Echoes of Conflict: Representing the Sri Lankan Civil War in the Film Adaptation of <i>Funny Boy</i>	22 , 23 May 2025
		FDP , Department of Multimedia Film Technology (MFT), NICHE, Kumaracoil, Tamil Nadu	Empowering Media Educators for the Digital Story Telling Era	26 May 2025 to 30 May 2025
10.		Online Seminar Training Centre in Communication, Africa & Poornima University, Plot No. IS-2027-2031, Ramchandrapura P. O. Vidhani Vatika Road Sitapura, Rajasthan 302022	Empowering Academia: Integrating Open Access AI Tools and National Library of India resources for Smarter Education	9 Jun. 2025

b) Foreign Faculty/ Expert Visit to the Department : NIL

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1					

6. Faculty acted as Chief Guest, Key note Speaker, Resource Person, Chair Person, External expert, etc. :

S. No.	Name of the Faculty member	Role	Event	Title	Venue & Date
1	Dr. P. Deepa	Chief Guest	Cultural Fest, Department of IT, NICHE, Kumaracoil	GENBYTE 2024	Hill top Auditorium, NICHE 25 Oct. 2024
2	J. Sheila	Resource Person	Learning from the World of Birds & Focussed Communication		Placement Cell NICHE 23 04.2025

7. Details of Seminars, Conferences, Refresher courses, Webinars Organised:

S. No.	Name of the Faculty member	Congress/Conference/Seminar/ Workshop/Symposia , Webinars etc. organised	State/National/ International Level	Date
1	Department of English	Intra-University General Quiz Competition - 2025	University Level	29 Apr. 2025

S. No.	Name of the Faculty member	Congress/Conference/Seminar/ Workshop/Symposia , Webinars etc. organised	State/National/ International Level	Date
2	Department of English	Alumini Interaction Meet	University Level	15 May 2025
3	Department of English	Seminar on 'Approach to Qualitative Research For Social Sciences'	University Level	28 May 2025
4	Department of English	Workshop on ' <i>Effective Reading for Effective Communication</i> '	University Level	12 Aug. 2025

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author (s)	Title of the paper	Journal with ISSN/Scopus/ SCI/UGC Care	Volume No. Issue No.	Year of Publication	Page (pp)
1	Dr.Subramania Pillai R., Abhila V. K.	Philosophical Perspectives in Mythical Worlds: A Study of Amish Tripathi's <i>Shiva Trilogy</i> and <i>Ram Chandra Series</i>	Journal of Information Systems Engineering and Management	10 (3)	Mar. 2025	pp. 676-695
2	Dr. Subramania Pillai R., Abhila V. K.	Divine Narratives: Analyzing Mythological Reinterpretation In Amish Tripathi's Works,	Journal of Information Systems Engineering and Management	10 (3)	Mar. 2025	pp. 734-747
3	Dr. R. David Raja Bose, Sravya S. R.	A Study on the Technological Impacts of ICTs on Migration	Peer Reviewd Journal	-	2025	
4	Dr. Deepa P., Anu R.	Diverse Linguistic Portrayals: Analyzing Character Dialogue in Chitra Banerjee Divakaruni's Two Novels	Scopus	Vol. 16 Issue:01	2025	pp. 61-70
5	Dr. Deepa P. , Anu R.	Exploring Mythical Realism and Diasporic Identity in <i>The Mistress of Spices</i> : A Multifaceted Analysis	Scopus	Vol. 15 Issue:1	2025	pp. 374-383
6	Dr. Deepa P. , Anu R.	Navigating the Labyrinth of Indian Cultural Tapestry and Societal Norms:An In-Depth Analysis of	Scopus	Vol. 14 Issue:5	2024	pp. 1537-1544

S. No.	Author (s)	Title of the paper	Journal with ISSN/Scopus/SCI/UGC Care	Volume No. Issue No.	Year of Publication	Page (pp)
		Chitra Banerjee Divakaruni's Literary Canon				
7	Dr. Deepa P. , Anu R.	A Critical Analysis of the Psychological Nuances of Sisterly Bonds and Immigrant Experience in Divakaruni's Diaspora Literature	SCI	Vol. 55 Issue:11	2024	pp. 1949 1-1950 9
8	Dr. Deepa P. , Guvin Felcida F. J.	An Analytical study on Developing Language Skills among L2 Learners through Digital Teaching and Learning	Scopus	Volume:2 3 Issue:1	2024	pp.88 -107
9	Dr. Deepa P. & Guvin Felcida F. J.	An Experimental Study on Developing Competency of Students among L2 Learners through Hybrid Teaching Learning in the select Engineering Colleges	Scopus & SCI	Vol. 43 Issue:1	2025	pp. 66-94
10	Dr. J. Sheila & T. Anisha Dominic Tiffany	Unearthing the Unseen :Ecocritical Perspectives on Displacement and Loss in Jhumpa Lahiri's <i>The Lowland</i>	Peer Reviewd Journal Bodhi International Journal of Research in Humanities, Arts and Science ISSN:2456-5571	Vol. 8 Issue- 2 https://www.bodhijournals.com/pdf/spl/mar2024/Bodhi_V8S2.pdf	March 2024	pp. 10-12
11	Dr. J. Sheila & Shyla M.	Gender-Based Violence and the Media's Role: Exploring Arundhati Roy's <i>The Great Indian Rape Trick</i>	Peer Reviewd Journal International Journal of English Literature and Social Sciences ISSN : 2456 - 7620	Vol. 10, Issue-3. (https://ijel.s.com/issue-detail/vol-10-issue-3/)	May-Jun. 2025	pp. 69 - 74
12	Dr.J Sheila & Shahina	Fables - An Eternal Gem in	Bodhi International	Vol-8 Special	March-2024	28-32

S. No.	Author (s)	Title of the paper	Journal with ISSN/Scopus/SCI/UGC Care	Volume No. Issue No.	Year of Publication	Page (pp)
	Mumthaz A P	Children's Literature	Journal of Research in Humanities, Arts and Science E-ISSN: 2456-5571	Issue		
13	O. M. Mohamed Yaseen	Navigating Suffering and Acceptance: The Transgender Experience in Living Smile Vidya's <i>I Am Vidya</i>	Scopus	Vol. 15, Issue No. 2	Feb. 2025	pp. 339 - 345

9. Details of Patents applied/awarded : NIL

S. No.	Name of the Faculty member	Title	Date of filing	Application No.	Award No.

10. Publications of Books/Monographs: NIL

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1.	Prof. A. Khaleel Rahuman	Technical English	R. K. Publishers – Coimbatore, Tamil Nad	2024
2.	Dr. P. Deepa	Technical English	R. K. Publishers – Coimbatore	2024
3.	Dr. J. Sheila	Technical English	R. K. Publishers – Coimbatore	2024
4.	Ms. J. Mathi Vathani	Technical English	R. K. Publishers – Coimbatore	2024

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO.	Name of the Programme / Branch of study	Sanctioned Strength	Enrolment during 2024-25		Total	Community														Existing Students, Strength						Pass Percent age of out going batch
			F	M		OC		BC		BCM		MBC/ DNC		SC		SCA		ST		II year	III year				IV year	
						M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	UG Programme	-																								
	PG Courses																									
	Ph.D. Programme	9	8	1	9		1	1	7											-	-	-	6	2	9	-
	Diploma Certificate add on Courses (if any)																									
	MOOC/SWAYAM/NPTEL/UGC online courses offered																									
	Total	9	8	1	9		1	1	7														6	2	9	

12. Enrolment of Students from Overseas and other States: NIL

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	

13. U.G. / P.G. and Research Degrees awarded:

S. No	UG		P.G.		Ph.D.		
		Total		Total	FT	PT	Total
	NIL	NIL	03	03	02		

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded :

S. No.	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1	Govt. of India To : Ms. Roopa Kumar Fulltime Research Scholar, English	JRF - Savitribai Jyotirao Phule Fellowship For Single Girl Child		01	01

15.Scholarships Awarded:

S. No.	Nature of Scholarship	P.G.		Ph.D.		Total Amount Rs.
		M	F	M	F	
1	B.C.(State)		4			
2	B.C.M.(State)					
3	M.B.C./D.N.C.(State)					
4	SC/SCA/ST(National)					
5	SC/SCA/ST(State)					
6	AICTE/UGC Scholarships					
7	Management Scholarships					
8	Loan Scholarship					
9	MoovalurRamamirthamAmmaiyar Scheme					
10	'Pudhumai Penn' (Modern Woman)					
11	Tamiz Puthalvan					
12	Others (please Specify the scholarship)					
	Total					

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass
	M. A.			01	01			03	03	NA	NA	NA	NA	NA	NA	NA	NA

17. Placement Details:

Name of the Placement co-ordinator:			
Phone/Mobile Number :e-mail:			
Number of Placement Programmes:			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed		
2	Number of Placements obtained through Campus Interview		
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)		

18. Outstanding achievements by the Faculty Members:

S. No.	Name of the Faculty	Achievements	Agency
1.	Dr. D.V. Gifty Davis	Blood Donation	Conducted by Sinclair Memorial Club, CSI Marthandam, Tamil Nadu

19. Outstanding achievements by Students:

S.No.	Name of the Student	Achievements	Agency
1		Academic Awards	
2		Participation in Cocurricular/ hecathan	
3		Research Projects	
4		Research Paper Presentation	
5		Others	

20. Department Meetings Held :**BOS, Programme Committee, Course Committee etc.**

S. No	Name	Date
1.	BOS	
2	Programme Committee	
3	Course Committee	
4	Others	

21. Infrastructure and Research facilities available (Please specify equipments more than TwoLakhs Only) :

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical
	English Language Lab	Snet v 8.3 English Language Lab Software 1 Teacher Console with 30 Student Consoles	32	Practical

22. Extension activities carried out : NIL

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	NSS			
2	NCC			
3	YRC			
4	Community engagement			
5	Governemnt Programmes			
6	National and International Days observed			
7	Others			

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library:

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1.	No. of books available	1122	7	No. of titles available	843
2.	Books added during the year 2024-25	23	8	No. of CDs and Digital Books Available	46
3.	No. of Indian Journals/Magazines	10	9	No. of Foreign Magazines/Journals	NIL
4.	No. of data bases available	02	10	No. of Online Journals	03
5.	Average No. of students visiting the Library per day	03	11	Average No. of books Issued per day	03
			12	No. of digital books	NIL
6.	Availability of Internet (Specify the Capacity) (e.g. – 8 Mbps etc.,)	10 Mbps	13	Availability of Language Lab	YES
			14	NDL membership 1. Faculty members 2. Students	3 2

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.

25.Collaborative Researches : NIL**26.Consultancies undertaken : NIL****27. No. of NET/SET/GATE/CSIR Other Compentetive Examinations Qualified students:****28. MOUs Signed : NIL**

S. No	Date	MoU signed with	Number of Activities	Remarks

29. Innovations and Best Practices :

S. No	Innovation and Best Practices	Name of the Programme	Date
1	ICT Tools Used		
2	Teaching and learning initiatives		
4	Eco friendly and sustainable practices		
5	Industrial and Academic connect activities		

30. Academic Flexibility :

S. No.	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed

31. Membership in professional bodies:

S.No	Name of the Professional Body	No. of members

32. Alumni Meetings held:

S. No.	Date	Purpose
	15 May 2025	Alumini Interaction with the students

33. Any other Information:

NAME OF THE DEPARTMENT: ELECTRONICS AND COMMUNICATIONS ENGINEERING

1. Department Details :

Name of the Faculty	Electrical and Electronics Engineering
Name of the HoD, Phone No. and E-mail ID	Dr.N.Santhi, 9486085019, santhi@niuniv.com
Year of Establishment	2009
Telephone Number	9486085019
Website / E mail	ece@niuniv.com

2. Details of Faculty Members and Supporting staff :

S. No.	Name of the Faculty Members and Supporting staff	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
1.	Dr.R.S. Vinod Kumar	M.S.,M.E.,Ph.D.	Professor	Image Processing	33	17	rvinodkumar69@yahoo.co.in & 9489823500
2.	Dr.N.Santhi	M.E.,Ph.D.	Associate Professor	Image Processing	35	17	santhi@niuniv.com & 9486085019
3.	Dr.S.Amala Shanthi	M.E.,Ph.D	Associate Professor	Image Processing	30.3	17	amalashanthi@niuniv.com
4.	Dr.M.Mary Synthuja Jain Preetha	M.E.,Ph.D	Associate Professor	Image Processing	18.3	9	marysynthujajainpreetha@niuniv.com
5.	Dr.K.S.Vijula Grace	M.E.,Ph.D.	Associate Professor	Embedded System ,VLSI	27	15	Vijulagrace @ niuniv. Com
6.	Dr.T.Gopala Krishnan	M.E.,Ph.D.	Assistant Professor	Image Processing	22.6	11	gopalme@rediffmail.com
7.	Dr.D.Shahi	M.E.,Ph.D.	Assistant Professor	Steganography	18.3	9	shahi@niuniv.com & 8903776557
8.	Mr.R.Shibu kumar	I.T.I	Technical Assistant	Electronics	27		rshibu69@gmail.com
9.	Mr.V.E. Franklin	B.E.	Technical Assistant	Electronics	15		vefranklin16@gmail.com

3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		Chapter s/ Books		API		Ph.D. awarded		Cumulative Scholars
		24 - 25	Cumulative	24 - 25	Cumulative	24 - 25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	Ph.D.
1.	Dr.R.S. Vinod Kumar	2	7	7	44	50	155	1	2	515	2312	2	6	8
2.	Dr. N. Santhi	3	8	6	46	265	439	2	3	575	2338	0	6	10
3.	Dr.S. Amala Shanthi	3	6	3	16	33	64			295	1742	0	3	8
4.	Dr.M. Mary Synthuja Jain Preetha	1	4	2	21	17	198			220	1875	1	3	6
5.	Dr.K.S. Vijula Grace	1	7	3	27	67	150		1	240	1824	0	4	10
6.	Dr.T. Gopala Krishnan	1	3	2	9	5	38			190	1478	-	-	-
7.	Dr.D. Shahi	1	2	1	5	6	15			325	1622	-	-	-

4.. Research Schemes/Projects undertaken and applied for : Nil

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1						

5. a) Participation of the Faculty members,presentation of papers in Congresses/Conferences/Seminars/Workshops,Symposia, etc.

Sl. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Date
1.	Dr Vijula Grace K.S.	International Conference on Recent Advancement in Cloud Computing and	A Novel hybrid approach for the preprocessing of CT	Sep-2024

Sl. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Date
		communication Technology ICRACCCT-2024	Lung nodule images using median & gabor filter for deeplearning analysis	
2.	Dr. Vijula Grace K.S.	International Conference on Recent Advancement in Cloud Computing and communication Technology ICRACCCT-2024	Data Cleaning and preprocessing of breast cancer images usinh adaptive Median-Wiener filtering for Deeplearning models	Sep-2024
3.	Dr.N.Santhi	International Conference on Emerging Wireless Technologies and sciences-2024 (ICETE-2024)	AI assisted diagnostic approaches for early detection of Pancreatic ductal adenocarcinoma	13-14, Dec. 2024
4.	Dr R S Vinodkumar	International Conference On Emerging Technologies In Engineering And Applied Sciences (ICETEAS 2025)	A Systematic Review Of Deep Learning Techniques For Colon Cancer Classification: Trends And Challenges	3 rd and 4 th April 2025
5.	Dr R S Vinodkumar	International Conference On Emerging Technologies In Engineering And Applied Sciences (ICETEAS 2025)	Advancements In Deep Learning For Early Detection And Classification Of Skin Cancer: A Comprehensive Review	3 rd and 4 th April 2025
6.	Dr R S Vinodkumar	International Conference On Emerging Technologies In Engineering And Applied Sciences (ICETEAS 2025)	Emerging Paradigms In Liver Cancer Classification Using Deep Learning Techniques	3 rd and 4 th April 2025
7.	Vinod Kumar. R. S	International Conference On Emerging Technologies In Engineering And Applied Sciences (ICETEAS 2025)	Automated Lung Lobe Segmentation From Ct Images Using U-Net++ Architecture	3 rd and 4 th April 2025
8.	Dr R S Vinodkumar	International Conference On Emerging Technologies In Engineering And Applied Sciences (ICETEAS 2025)	Reversible Image Steganography Techniques: State-Ofthe-Art, Challenges, And Future Perspectives	3 rd and 4 th April 2025
9.	Dr.R S Vinodkumar	International Conference On Emerging Technologies In	Leveraging Efficientnet-B0 For Enhanced Colon Cancer	3 rd and 4 th April 2025

Sl. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Date
		Engineering And Applied Sciences (ICETEAS 2025)	Detection: A Hybrid Cnn Approach	
10	Dr.R S Vinodkumar	International Conference On Emerging Technologies In Engineering And Applied Sciences (ICETEAS 2025)	Advanced Pose-Invariant Facial Expression Recognition Using Deep Learning	3 rd and 4 th April 2025
11	Dr.R S Vinodkumar	International Conference On Emerging Technologies In Engineering And Applied Sciences (ICETEAS 2025)	A Comparison On Different Pretrained Models For Lung Cancer Detection And Classification	3 rd and 4 th April 2025
12	Dr.R S Vinodkumar	International Conference On Emerging Technologies In Engineering And Applied Sciences (ICETEAS 2025)	A Review On Iron Oxide Nanocomposites For Supercapa Citor Applications	3 rd and 4 th April 2025
13	Dr.R S Vinodkumar	International Conference On Emerging Technologies In Engineering And Applied Sciences (ICETEAS 2025)	Advanced Pose-Invariant Facial Expression Recognition Using Deep Learning	3 rd and 4 th April 2025
14	Dr.N Santhi	International Conference on Recent Advancement in Cloud Computing and communication Technology ICRACCCT-2024	Energy-Efficient High-Performance Vlsi Architecture For Ai Applications	3 rd and 4 th April 2025
15	Dr. N Santhi	International Conference on Recent Advancement in Cloud Computing and communication Technology ICRACCCT-2024	Investigation On Mechanical And Water Transport Properties Of Papaya - Banana Fiber Based Hybrid Composites Reinforced With Waste Matchsticks Particles	6/9/2024
	Dr. N Santhi	International Conference On Emerging Technologies In Engineering And Applied Sciences (ICETEAS 2025)	Analysis Of Secure And Efficient Data Hiding And Compression Using Esmvq	3 rd and 4 th April 2025

Sl. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Date
	Dr. N Santhi	Conference On Emerging Technologies In Engineering And Applied Sciences (ICETEAS 2025)	Ai-Driven Approaches For Early Detection Of Pancreatic Ductal Adenocarcinoma: A Case Study	3 rd and 4 th April 2025
	Dr. N Santhi	Conference On Emerging Technologies In Engineering And Applied Sciences (ICETEAS 2025)	A Novel Ai-Driven Approach For Stroke Lesion Segmentation In Mri Scans Using Transformer-Based Models	3 rd and 4 th April 2025
	Dr. N Santhi	Conference On Emerging Technologies In Engineering And Applied Sciences (ICETEAS 2025)	Fine-Tuned Hypergraph Neural Networks And Generative Adversarial Networks Based Oral Cancer Detection	3 rd and 4 th April 2025
	Dr. N Santhi	International Conference On Emerging Technologies In Engineering And Applied Sciences (ICETEAS 2025)	Enhancing Healthcare Imaging Security Based On Novel Pairing Free Revocable Certificateless Encryption Scheme	3 rd and 4 th April 2025
	Dr. N Santhi	International Conference On Emerging Technologies In Engineering And Applied Sciences (ICETEAS 2025)	Vibration Analysis Of Mr Damper In Non-Linear Suspension System By Hybrid Optimization With Deep Learning	3 rd and 4 th April 2025
	Dr.N.Santhi	International Conference on Electrical, Electronics and Communication Technology (ICEECT'25)	Oral cancer Prediction using Generative Adversial Networks and Redefined Hypergraph Neural Networks	23/5/2025
	Dr. S Amala Shanthi	International Conference On Emerging Technologies In Engineering And Applied Sciences (ICETEAS 2025)	Integrating Hybrid Deep Learning Models For Enhanced Detection And Localization Of Bladder Cancer	3 rd and 4 th April 2025
	Dr. S Amala Shanthi	International Conference On Emerging Technologies In Engineering And Applied Sciences (ICETEAS 2025)	A Hybrid Multi-Scale Attention Approach With Efficientnet-B3 For Robust Change Detection In Remote Sensing Imagery	3 rd and 4 th April 2025

Sl. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Date
	Dr. S Amala Shanthi	International Conference On Emerging Technologies In Engineering And Applied Sciences (ICETEAS 2025)	IoT-Based Smart Glass For Real-Time Drowsy Driver Alert System	3 rd and 4 th April 2025
	Dr. S Amala Shanthi	International Conference On REcent Advances in Cloud Computing and Communication Technology(ICRACCCT-2024)	Deep learning Technique for Image Based Bladder Cancer Diagonosis -A Comprehensive Review	6 th Sptember 2024
	Dr. S Amala Shanthi	International Conference On Emerging Technologies In Engineering And Applied Sciences (ICETEAS 2025)	Super Resolution And Feature Fusion-Based Twin Face Recognition	3 rd and 4 th April 2025
	Dr. Mary S, Synthuja Jain Preetha .M	International Conference On Emerging Technologies In Engineering And Applied Sciences (ICETEAS 2025)	Deep Learning Classifier For Spectrum Sensing In Cognitive Radio Networks And Its Future Applications	3 rd and 4 th April 2025
	Dr. Mary S, Synthuja Jain Preetha .M and Vijula Grace K.S	International Conference On Emerging Technologies In Engineering And Applied Sciences (ICETEAS 2025)	Enhancing Classification Performance With Deep Convolutional Neural Network Using Optimized Feature Selection: Effective Brain Tumor Prediction Approach	3 rd and 4 th April 2025
	Dr. Mary S, Synthuja Jain Preetha .M	International Conference On Emerging Technologies In Engineering And Applied Sciences (ICETEAS 2025)	Enhancing Fractal Compression With Adaptive Coding And Machine Learning: A Comparative Study	3 rd and 4 th April 2025
	Dr K S Vijula Grace	International Conference On Emerging Technologies In Engineering And Applied Sciences (ICETEAS 2025)	Smart Traffic Control System For Emergency Vehicles	3 rd and 4 th April 2025
	Dr K S Vijula Grace Ann	International Conference On Emerging Technologies In Engineering And Applied	Comparative Analysis Of Optimization Algorithms For Data Routing In Lung	3 rd and 4 th April 2025

Sl. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Date
		Sciences (ICETEAS 2025)	Cancer Detection	
	Dr K S Vijula Grace Dhanya	International Conference On Emerging Technologies In Engineering And Applied Sciences (ICETEAS 2025)	An Analytical Comparison Of Optimization Algorithms For Data Routing In Breast Cancer Detection	3 rd and 4 th April 2025
	Dr K S Vijula Grace	International Conference On Emerging Technologies In Engineering And Applied Sciences (ICETEAS 2025)	Review Of Traffic Density-Based Traffic Signal Controller	3 rd and 4 th April 2025
	Dr T Gopala Krishnan	International Conference On Emerging Technologies In Engineering And Applied Sciences (ICETEAS 2025)	A Comparison On Different Pretrained Models For Lung Cancer Detection And Classification	3 rd and 4 th April 2025
	Dr.D Shahi	International Conference On Emerging Technologies In Engineering And Applied Sciences (ICETEAS 2025)	Advancements In Data Aggregation For Wireless Sensor Networks: A Comprehensive Review	3 rd and 4 th April 2025
	Dr.D.Shahi	International Conference On Emerging Technologies In Engineering And Applied Sciences (ICETEAS 2025)	Advanced Pose-Invariant Facial Expression Recognition Using Deep Learning	3 rd and 4 th April 2025
	Dr D Shahi	International Conference On Emerging Technologies In Engineering And Applied Sciences (ICETEAS 2025)	A Comparison On Different Pretrained Models For Lung Cancer Detection And Classification	3 rd and 4 th April 2025
	Dr. D Shahi	International Conference On Emerging Technologies In Engineering And Applied Sciences (ICETEAS 2025)	Leveraging Efficientnet-B0 For Enhanced Colon Cancer Detection: A Hybrid Cnn Approach	3 rd and 4 th April 2025
	Dr.D Shahi	International Conference On Emerging Technologies In Engineering And Applied Sciences (ICETEAS 2025)	Advanced Pose-Invariant Facial Expression Recognition Using Deep Learning	3 rd and 4 th April 2025

Sl. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Date
	Dr. Shahi. D	International Conference On Emerging Technologies In Engineering And Applied Sciences (ICETEAS 2025)	Automated Lung Lobe Segmentation From Ct Images Using U-Net++ Architecture	3 rd and 4 th April 2025
	Dr. D Shahi	International Conference On Emerging Technologies In Engineering And Applied Sciences (ICETEAS 2025)	Reversible Image Steganography Techniques: State-Of-the-Art, Challenges, And Future Perspectives	3 rd and 4 th April 2025
	Dr D. Shahi	International Conference On Emerging Technologies In Engineering And Applied Sciences (ICETEAS 2025)	A Comparison on Different Pretrained Models for Lung Cancer Detection and Classification	3 rd and 4 th April 2025
	Dr D. Shahi	International Conference On Emerging Technologies In Engineering And Applied Sciences (ICETEAS 2025)	Advancements in Data Aggregation for Wireless Sensor Networks: A Comprehensive Review	3 rd and 4 th April 2025
	Dr D. Shahi	International Conference on Control, Instrumentation, Communication & Computational Technologies (ICICCT-2025)	Certain Studies on Noise Distortions in Reversible Image Steganography Schemes	9788197295003

b)Foreign Faculty / Expert visit to the Department:

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1.	Dr.Lenty Stuwert, AP/ECE, University College of Engineering, Konam-629004	University college of Engineering	India	30.08.2024	Seminar-resource person
2.	Mr.M Praveen	MAT Enggineering Solutions	India	09.09.2024	Workshop Resource person
3.	Mr.Mohammed Azharudeen	MAT Enggineering Solutions	India	09.09.2024	Workshop Resource person

S. No.	Name & Designation	Institute	Country	Duration	Purpose
4.	Mr. K Ragunathan	MAT Enggineering Solutions	India	09.09.2024	Workshop Resource person
5.	Mr.Abin Antony	Vi MicroSystems	India	03.10.2024	PDP Resource person
6.	Mr.Vinoth kumar	Vi MicroSystems	India	03.10.2024	PDP Resource person
7.	Mr SenthilMurugan	Acharya Virtual Solutions	India	28.02.2025	Seminar-resource person
8.	Dr.Harikaran,Prof./ECE	Thiyagarajar College of Engineering	India	24.05.2025	BOS – Expert
9.	Dr.C Sudalaimani, Scientist E	C-DAC Trivananthapuram	India	24.05.2025	BOS – Expert

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty member	Role	Event	Title	Venue & Date
1.	Dr.R S Vinod kumar	External BOS expert	Board of Studies Meeting	BOS	Anna University Autonomous College
2.	Dr.R S Vinod kumar	External Expert	DC Meeting		Anna university Chennai
3.	Dr.N Santhi	External BOS expert	Board of Studies Meeting	BOS	Anna University Autonomous College
2	Dr.N Santhi	External Expert	DC Meeting		Anna university Chennai
3	Dr.S AmalaShanthi	External Expert	DC Meeting		Anna university Chennai
5	Dr K S Vijula Grace	External Expert	DC Meeting		Anna university Chennai
6	Dr.M.Mary Synthuja Jain Preetha	External Expert	DC Meeting		Anna university Chennai

7. Details of Seminars, Conferences, Refresher courses, Webinars Organised:

S. No.	Name of the Faculty member	Congress/Conference/ Seminar/ Workshop/ Symposia , Webniars etc. organised	State/National/ International Level	Date
1	Dr.R.S. Vinod Kumar	Conference Secretary , ICETEAS-2025	International	3&4 April, 2025

S. No.	Name of the Faculty member	Congress/Conference/ Seminar/ Workshop/ Symposia , Webinars etc. organised	State/National/ International Level	Date
2	Dr.N.Santhi	Conference Chair , ICETEAS-2025	International	3&4 April, 2025
3.	Dr.N.Santhi	5 days Offline FDP –Role of AI in Bioimaging and Signal Processing	National	26/5/25 to 30/5/25
3	Dr.S.Amala Shanthi	Organizing Chair,Conference , ICETEAS-2025	International	3&4 April, 2025
4	Dr.M.Mary Synthuja Jain Preetha	Techniacal Chair,Conference , ICETEAS-2025	International	3&4 April, 2025
5	Dr.K.S.Vijula Grace	Conference , ICETEAS-2025	International	3&4 April, 2025
6	Dr.T.Gopala Krishnan	Conference , ICETEAS-2025	International	3&4 April, 2025
7	Dr.D.Shahi	Registration Chair,Conference , ICETEAS-2025	International	3&4 April, 2025
8	Dr.K.S.Vijula Grace	Workshop-IOT	National	9.9.2024&10.09.2024
9	Dr.K.S.Vijula Grace	Symposium ALTIUS 2025	National	25.04.2025
10	Dr.K.S.Vijula Grace	Value added Course	National	17.02.2025 to 21.02.1015

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus /SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
1.	Dr.R.S. Vinod Kumar	Grey Wolf optimized Swin UNet based transformer framework for liver segmentation from CT images	Computers and Electrical Engineering(SCI)	Vol. 117, 109248,	2024	
2.	Dr.R.S. Vinod Kumar	Transformer Skip-Fusion Based SwinUNet for Liver Segmentation From CT Images	International Journal of Imaging Systems and Technology, (SCI)	Vol. 34. Issue. 4,	June 2024	

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus /SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
3.	Dr.R.S. Vinod Kumar	Multiple Scaling Based Efficient Net Modeling For Liver Tumor Classification On CT Images	International Journal of Bio automation	28(3)	Sep.,2024	151-160
4.	Dr.R.S. Vinod Kumar	Explainable Artificial Intelligence for Detecting Lung Cancer	IAPGOS (SCOPUS)	Vol.15, Issue.1,	2025	pp.125-130,
5.	Dr.R.S. Vinod Kumar	Pose-Invariant Face Recognition Using Optimized Hybrid Yolo Algorithm From Image,	International Journal of Image and Graphics. (Scopus)		2024	
6.	Dr.R.S. Vinod Kumar	Facial Expression Recognition and Classification Using Optimized EfficientNet-B7	The International Arab Journal of Information Technology (IAJIT),SCI	Vol. 22, No. 3,	May 2025	476-488
7.	Dr.R.S. Vinod Kumar	Improved Colon Cancer Diagnosis with a Dilated Residual SqueezeNet Architecture: A Deep Learning Approach	Iran Journal of Computer Science, (SCOPUS)		May 2025	
8.	Dr.R.S. Vinod Kumar	A Deep Learning Network for Classification of Lung Cancer from Computer Tomography Images Using Fine-Tuned Visual Geometric Group-16',	Journal of Information Systems Engineering and Management,	10(2)	Dec 2024	

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus /SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
9.	Dr.N.Santhi	Stroke Lesion Prediction by Bille-Viper-Segmentation with Tandem-MU-net Model	Advanced Ultrasound in Diagnosis and Therapy	9(1)	2025	65-78
10.	Dr.N.Santhi	Smart Sight: Intelligent Vision for Stroke Lesion	SSRG International Journal of Electronics and Communication Engineering	11(8)	2025	98-110
11.	Dr.N.Santhi	Coupling Coordination and Data Management for Additive Manufacturing Systems Based on Smart Logistics	Environmental Claims Journal	36(3)	2024	278-304
12.	Dr.N.Santhi	Analysing the Performance Indicators in SME Using ISM – MICMAC Approach	Journal of The Institution of Engineers (SCOPUS)	Volume105	2024	987-995
13.	Dr.N.Santhi	Case Study on Analysing the Early Disease Detection of Pancreatic Ductal Adenocarcinoma in Korean Association for Clinical Oncology	American Journal of Clinical Oncology: Cancer Clinical Trials. (SCI)	47(10):.	2024	475-484
14.	Dr.N.Santhi	Prioritizing Key Performance Indicators for the Mining Industry in Kerala: An AHP Approach	Management and Production Engineering Review (SCI)	Volume 15 • Number 3	2024	1-14
15.	Dr.S.Amala Shanthi	Localized And Global Feature	SSRG International	12(5)	2024	149-161

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus /SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
		Integration for Efficient Bladder Cancer Detection Using Deep Learning	Journal of Electronics and Communication Engineering (SCOPUS)			
16.	Dr.S.Amala Shanthy	Feature Generation-Based Fingerprint Liveness Detection: A Novel Multimodal Approach	IEEE Access (SCI)	13(3)	2025	14128 – 114144
17.	Dr.S.Amala Shanthy	Beyond Static: A Satellite Image Change Detection Using Absolute Convolutional Prior Fusion (AC-PF) Approach	SSRG International Journal of Electronics and Communication Engineering (SCOPUS)	11(11)	2025	272-285
18.	Dr.M.Mary Synthuja Jain Preetha	An Approach For Lung Cancer Detection And Classification Using Lenet-Densenet	Biomedical Engineering – Applications, Basis and Communications	Vol 37 No 1	2025	
19.	Dr.M.Mary Synthuja Jain Preetha	An extended cross diagonal view network topology for a PV system of Nom-square under shading conditions to yield maximal power	Journal of new materials for electrochemical systems	Vol.27, No.4	Dec 2024	
20.	Dr.K.S.Vijula Grace	An Approach For Lung Cancer Detection And Classification Using Lenet-Densenet	Biomedical Engineering – Applications, Basis and Communications	Vol 37 No 1	, 2025	

9. Details of patents applied/awarded:

S.No.	Name of the Faculty member	Title	Date of filing	Application No.	Award No.
1.	Dr.R.S Vinod kumar	IoT enabled Digital Micro Meter	29/05/2025		447625001
2.	Dr.N Santhi	Animal Detecting and Alerting Device for Agricultural Field	13/02/2025	199563	447956-001
3.	Dr.S .Amala Shanthi	Animal Detecting and Alerting Device for Agricultural Field	13/02/2025	199563	447956-001
4.	Dr.M.Mary Synthuja Jain Preetha	Animal Detecting and Alerting Device for Agricultural Field	13/02/2025	199563	447956-001
5.	Dr.K S Vijula Grace	Animal Detecting and Alerting Device for Agricultural Field	13/02/2025	199563	447956-001
6.	D Shahi	Animal Detecting and Alerting Device for Agricultural Field	13/02/2025	199563	447956-001

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1	N.Ramasamy,N. Santhi	Supply Chain Management-Theory and Practice / 978-819791971-8	SAN Publishers	2024
2.	Sijithra,N.Santhi,N.Ramasamy	Data Analytics	Wiley Scrivener Publishers	2025

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO.	Name of the Programme / Branch of study	Sancti oned Stren gth	Enrolment during 2024-25		Tota l	Community														Existing Students, Strength						Pass Percent age of out going batch	
			F	M		OC		BC		BCM		MBC/ DNC		SC		SCA		ST		II year		III year		IV year			
						M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M
	UG Programme	30	05	29	34	1		1	8	4	2		2		3	1			3		5	4	4	0	2	0	50%
	PG Courses	12	3	1	4			1	3											0	1						100%
	Ph.DProgram me																										
	Diploma Certificate add on Courses (if any)																										
	MOOC/SWA YAM/NPTEL/ UGC online courses offered																										
	Total																										

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	
1	BE(ECE)	Indian	Kerala	4	4	7
	BE(ECE)	Indian	Manipur	3	-	3

13. U.G./P.G. and Research degrees awarded:

S. No	UG		P.G.		Ph.D.		
	Total	Awar ded	Total	Awar ded	FT	PT	Total
	5	4	2	1	-	3	

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded :NIL

S. No.	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1					

15.Scholarships Awarded:NIL

S. No.	Nature of Scholarship	P.G.		Ph.D.		Total Amount Rs.
		M	F	M	F	
1	B.C.(State)					
2	B.C.M.(State)					
3	M.B.C./D.N.C.(State)					
4	SC/SCA/ST(National)					
5	SC/SCA/ST(State)					
6	AICTE/UGC Scholarships					
7	Management Scholarships					
8	Loan Scholarship					
9	MoovalurRamamirthamAmmaiyar Scheme					
10	'Pudhumai Penn' (modern woman)					
11	TamizPuthalvan					
12	Others (please Specify the scholarship)					
	Total					

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App	Pas s	App	Pas s	App	Pas s	App	Pas s	App	Pas s	App	Pas s	App	Pa ss	App	Pa ss
1.	BE-ECE			17	6	9	3	9	4	4	2	4	1	2	2	2	2
2.	ME-CS	3	3	3	3	1	1	1	1								

17. Placement Details:

Name of the Placement co-ordinator: Dr.T.Gopalakrishnan			
Phone/Mobile Number :e-mail: 9443508904/ gopalme@rediffmail.com			
Number of Placement Programmes:			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	2	0
2	Number of Placements obtained through Campus Interview	2	-
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	1:1	-

18. Outstanding achievements by the Faculty Members:

S. No.	Name of the Faculty	Achievements	Agency
1	Dr.R.S.Vinod Kumar	NPTEL SWAYAM Certificate	SWAYAM
2.	Dr.N.Santhi	NPTEL SWAYAM Certificate	SWAYAM
3.	Dr.M.Mary Synthuja Jain Preetha	NPTEL SWAYAM Certificate	SWAYAM
4.	Dr.K.S.Vijula Grace	NPTEL SWAYAM Certificate	SWAYAM
5.	Dr.T.Gopala Krishnan	NPTEL SWAYAM Certificate	SWAYAM

19. Outstanding achievements by Students:

S.No.	Name of the Student	Achievements	Agency
1		Academic Awards	
2		Participation in Cocurricular/ hecathan	
3	Keerthi & Sulaiman (S8 ECE)	Research Projects	Best Project in the Innovista2025, NICHE held on 7/4/2025 in NICHE
4		Research Paper Presentation	
5		Others	

20. Department MeetingsHeld :
BOS,Programe Committee, Course Committee etc.

S.No	Name	Date
1.	BOS	20-02-2025 24/05/2025
2	Programe Committee	10-02-2025 13-03-2025 05-05-2025
3	Course Committee	
4	Others	

21. Infrastructure and Research facilities available (Please specify equipments more than TwoLakhs Only) :Nil

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical

22. Extension activities carried out : Nil

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	NSS			
2	NCC			
3	YRC			
4	Community engagement			
5	GovernemntProgrammes			
6	National and International days observed			
7	Others			

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library:

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	1710	7	No. of titles available	1266
2	Books added during the year 2024-25	-	8	No. of CDs and Digital Books Available	62
3	No. of Indian Journals/Magazines	59	9	No. of Foreign Magazines/Journals	28
4	No. of data bases available	-	10	No. of Online Journals	-
5	Average No. of students visiting the Library per day	2	11	Average No. of books Issued per day	1
			12	No. of digital books	-
6	Availability of Internet (Specify the Capacity) (e.g. – 8 Mbps etc.,)	10M bps	13	Availability of Language Lab	-
			14	NDL membership 5. Faculty members 6. Students	7 12

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.
1	LCD projector	SONY	1
2	LCD projector	EPSON	1

25. Collaborative Researches : Nil**26. Consultancies undertaken : Nil****27. No. of NET/SET/GATE/CSIR Other Competitive Examinations Qualified students: Nil****28. MOUs signed :**

S.No	Date	MoU signed with	Number of Activities	Remarks
1.	04.09.2024	Vi Microsystems Pvt. Ltd, Chennai.	1	PDP on "Implementation of IoT Technology in Embedded System".
2.	04.09.2024	Resbee Info. Technologies Private Limited, Thuckalay.	1	PDP on "Role of AI in Transforming innovation and IP Management"

29. Innovations and Best Practices :

S.No	Innovation and Best Practices	Name of the Programme	Date
1	ICT tools used		
2	Teaching and learning initiatives		
4	Eco friendly and sustainable practices		
5	Industrial and Academic connect activities		

30. Academic Flexibility : Nil

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed

31. Membership in professional bodies:

S.No	Name of the Professional Body	No. of members
1.	ISTE	2
2.	IAENG	7

32. Alumni Meetings held:

S.No	Date	Purpose
1	22-8-2024	To provide students the career guidance
2	30-8-2024	To empower the students on Latest Technologies in Electronics
3	22-4-2025	To provide the students on Career paths after ECE

33. Any other Information:

NAME OF THE DEPARTMENT: ELECTRICAL AND ELECTRONICS ENGINEERING

1. Department Details :

Name of the Faculty	Faculty of Electrical and Electronics Engineering
Name of the HoD, Phone No. and E-mail ID	Dr.J Arul Linsely,9994081081 arullinsely@gmail.com ,
Year of Establishment	1993
Telephone Number	9994081081
Website / E mail	www.niueee.in eee@niuniv.com

2. Details of Faculty Members and Supporting staff :

S. No.	Name of the FacultyMembers and Supporting staff	Qualification	Designation	Specialisation	Experience in years		E-mail ID &Phone/Cell Phone No.
					Teaching	Research	
1	Dr.P.Sujatha Therese	B.E(EE E), M.E, PhD	Professor	Process Control & Instrumentation	23Y 6M		9443165780 psujathatherese@yahoo.in
2	Dr.M.Mary Synthia Regis Prabha	B.E (EEE) M.Tech, Ph.D	Associate Professor	Power Electronics and Drives	23Y		9940877270 regisprabha@gmail.com
3	Dr.J.ArulLinsely	B.E(EC E), M.E, Ph.D	Associate Professor	Applied Electronics	24Y		63854 41081 arullinsely@gmail.com
4	Dr.S.Anitha Janet Mary	B.E (EEE) M.E, Ph.D	Associate Professor	Process Control & Instrumentation	23Y		9524633365 anitharuphus@gmail.com
5	Dr.H Vennila	B.E (EEE) M.E, Ph.D	Associate Professor	Power System	24Y		9994273837 vennilarajesh@yahoo.co.in
6	Dr.Bindhu V.S	B.E (EIE) M.E Ph.D	Assistant Professor	Power Electronics	15Y 7M		9629209153 bindhuvs2003@gmail.com
7	Dr.K.Muthuvel	B.E (EEE) M.E, Ph.D	Assistant Professor and Ist year Coordinator	Electronics and Control	21Y 3M		9444146936, er.muthuvel@gmail.com

3. Faculty Members Achievements /Performance:

S. No.	Name	Index		Publications		Citations		Chapter s/ Books		API		Ph.D. awarded		Cumulative Scholars
		24 - 25	Cumulative	24 - 25	Cumulative	24-25	Cumulative	24 - 25	Cumulative	24-25	Cumulative	24-25	Cumulative	Ph.D.
1	Dr.P.Sujatha Therese	1	4	2	25	13	47	-	3	360	360	1	2	7
2	Dr.M.Mary Synthia Regis Prabha	-	3	3	28	4	38			220	220	-	5	9
3	Dr.J.ArulInsely	-	4	8	24		42			240	240	2	5	9
4	Dr.S.Anitha Janet Mary	1	2	4	12	8	18	1	1	287	287	-	-	4
5	Dr.H.Vennila	1	7	2	35	26	141		3	250	250	-	3	7
7	Dr.Bindhu V.S	1	1	-	4	2	7			220	220			
8	Dr.K.Muthuvel	1	7	3	22	19	155			180	180		2	4

4.. Research Schemes/Projects undertaken and applied for :

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1	Dr.H.Vennila	ICSSR	Strategic Models for EV Infrastructure Development and Economic Growth in Kanyakumari and Neighbouring costal Districts under the PM E-Drive Scheme	3 years		30,00,000

5. a) Participation of the Faculty members, presentation of papers in Congresses/Conferences/Seminars/Workshops,Symposia, etc.

S. No.	Name of the Faculty	Congress/ Conference/ Seminar/ Workshop and Venue	Title of the paper	Date
1	Dr.H.Vennila	FDP	Research Integrity: Methods, Ethical Practices, and the Role of Altmetrics and Reference Tools	10.06.2025 to 14.06.2025
2	Dr.H.Vennila	FDP	Fundamentals of Industrial Safety	26 th to 30 th May 2025.

S. No.	Name of the Faculty	Congress/ Conference/ Seminar/ Workshop and Venue	Title of the paper	Date
3	Dr.H.Vennila	ATAL FDP	Advanced Technologies for Smart Power Systems	(February 10, 2025 to February 15, 2025)
4	Dr.Bindhu V.S	FDP	Fundamentals of Industrial Safety	26 th to 30 th May 2025.
5.	Dr.Bindhu V.S	ICT academy-FDP	Android Basics with Compose	July 8, 2024, End: July 12, 2024
6.	Dr.Bindhu V.S	ATAL FDP	Advanced Technologies for Smart Power Systems	(February 10, 2025 to February 15, 2025)
7.	Dr.Bindhu V.S	FDP	Augmented Reality And Virtual Reality In Engineering Education	January 6, 2025, End: January 11, 2025
8.	Dr.Bindhu V.S	FDP	Workflow Automation with AI in Excel/ Word	December 16, 2024, End: December 20, 2024
9.	Dr.S. Anitha Janet Mary	ATAL FDP	Advanced Technologies for Smart Power Systems	(February 10, 2025 to February 15, 2025)
10	Dr. S. Anitha Janet Mary	FDP, Online - Zoom, Organizer: Rani Anna Government College for Women, PG and Research Department of Commerce, Tirunelveli and Glob,	Ethics and Values for Teaching Professionals and Administrators	November 22, 2024, November 29, 2024
11	Dr. S. Anitha Janet Mary	FDP	Internet of Things	June 2, 2025, June 6, 2025
12	Dr.P.Sujatha Therese	ATAL FDP	Next-Gen AI: Innovations in Machine Learning, Deep Learning, and Generative Models	January 13, 2025 to January 18, 2025
13.	Dr.P.Sujatha Therese	ATAL FDP	Advanced Technologies for Smart Power Systems	(February 10, 2025 to February 15, 2025)
14.	Dr.P.Sujatha Therese	FDP	Role of AI in Bioimaging and Signal Processing	May 26, 2025 to May 30, 2025
15.	Dr.P.Sujatha Therese	FDP	Traditional Knowledge Systems in Health Care	May 26, 2025 to May 30, 2025
16	D. M. Mary Synthia Regis Prabha	ATAL FDP	Advanced Technologies for Smart Power Systems	(February 10, 2025 to February 15, 2025)

S. No.	Name of the Faculty	Congress/ Conference/ Seminar/ Workshop and Venue	Title of the paper	Date
17	D. M. Mary Synthia Regis Prabha	Online FDP	Artificial Intelligence (AI) Revolution in 2025	24 th to 28 th March, 2025

b) Foreign Faculty/Expert visit to the Department:

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1					

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty member	Role	Event	Title	Venue & Date
1	Dr.H.Vennila	BOS Member	BOS Meeting		Rohini College of Engineering and Technology
2	Dr.H.Vennila	BOS Member	BOS Meeting		MAM College of Engineering
3.	D. M. Mary Synthia Regis Prabha	Resource Person	Lecture Series - II,	Data Analysis and Interpretation	Gambella University, Ethiopia in association with NICHE, February 25, 2025
4.	D. M. Mary Synthia Regis Prabha	BOS Member	External Expert in second BOS Meeting		Stella Mary's College of Engg, April 28, 2025
5.	D. M. Mary Synthia Regis Prabha	BOS Member	External Expert in the BOS meeting		Stella Mary's College of Engg November 7, 2024,
6.	D. M. Mary Synthia Regis Prabha	DC Member	External DC member for Anna University		Muthayammal Engineering College, Rasipuram February 21, 2025

7. Details of Seminars, Conferences, Refresher courses, Webinars Organised:

S. No.	Name of the Faculty member	Congress/Conference/Seminar/ Workshop/Symposia , Webinars etc. organised	State/National/ International Level	Date
1.	Dr.P.Sujatha Therese	Conference on Control,Instrumentation , Communication and Computational Technologies	International	24 th and 25 th April 2025
2.	Dr.M.Mary Synthia Regis Prabha	Conference on Control,Instrumentation , Communication and Computational Technologies	International	24 th and 25 th April 2025
3.	Dr.J.ArulLinsely	Conference on Control,Instrumentation , Communication and Computational Technologies	International	24 th and 25 th April 2025
4.	Dr.S.Anitha Janet Mary	Conference on Control,Instrumentation , Communication and Computational Technologies	International	24 th and 25 th April 2025
5	Dr.H Vennila	Conference on Control,Instrumentation , Communication and Computational Technologies	International	24 th and 25 th April 2025
6	Dr.Bindhu V.S	Conference on Control,Instrumentation , Communication and Computational Technologies	International	24 th and 25 th April 2025
7	Dr.K.Muthuvel	Conference on Control,Instrumentation , Communication and Computational Technologies	International	24 th and 25 th April 2025
8	Dr.M.Mary Synthia Regis Prabha	ATAL Sponsored Online faculty development programme on 'Advanced Technologies for Smart Power Systems' organized by <i>EEE Department, NICHE</i> , from		February 10, 2025 to August 23, 2025.

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/SC I/UGC care	Volume No. Issue No.	Year of Publication	Page (pp)
1	Dr.H.Vennila	<u>Temperature Effect on Short-Term Electricity Demand Forecasting</u>	Material Science Scopus	1,2	2025	420
2	Dr.P.Sujatha Therese	BREAKTHROUGH IN BRAIN TUMOR DIAGNOSIS: A CUTTING-EDGE	Journal of Applied Engineering and Technological	6,1	2024	730-743

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/SC I/UGC care	Volume No. Issue No.	Year of Publication	Page (pp)
		HYBRID DEPTHWISE-DIRECT ACYCLIC GRAPH NETWORK FOR MRI IMAGE CLASSIFICATION	Science (Scopus)			
3	Dr. P.Sujatha Therese	Artificial Intelligence based Satellite Image Classification Using Advanced Deep Learning Technique	IEEE Explorer (Scopus)		2025	
4	Dr. P.Sujatha Therese	Performance Enhancement of Induction Motor Drive	Proceedingd of International Conference on Instrumentation Communication and Computational Technologies		2025	
5	Dr. P.Sujatha Therese	Self Tuning of Fuzzy Controllers	Proceedings of International Conference on Instrumentation Communication and Computational Technologies		2025	
6	Dr. M Mary Synthia Regis Prabha,	Enhancing Pancreatic Cancer Diagnosis Precision through Early Detection with ResUnet	Journal of Electrical Systems	Vol. 20, No. 3	2024	
7	Dr. J Arul Linsely	an intelligent hybrid machine learning with meta heuristic optimization algorithms for enhancing real time video stabilization				
8	Dr. S. Anitha Janet Mary	Efficiency Reinvented: A Pioneering MPPT Algorithm For Unprecedented Solar Power Efficiency	Proceedings of ICCPCT 2024	ISBN:979-8-3503-7281-6 doi.org/10.1109/ICC	2024	

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/SC I/UGC care	Volume No. Issue No.	Year of Publication	Page (pp)
				PCT61 902.20 24.106 72848		
9	S. Anitha Janet Mary	"Fault-Tolerant Control Strategies of a DFIG for Wind Energy Applications With Hybrid IGBT OC"	Proceeding of International Conference on Emerging Technologies in Engineering and Applied Sciences - ICETEAS 2025,	ISBN/ISSN: 978-93-6786-847-8		
10	S. Anitha Janet Mary	Leveraging Deep Learning for Predicting Wind Power Generation	Proceedings of International Conference on Control Instrumentation Communication and Computational Technologies	ISBN/ISSN: 978-81-972950-0-3	2025	617-631
11	S. Anitha Janet Mary	IOT Based Transformer Monitoring System	Proceedings of International Conference on Control Instrumentation Communication and Computational Technologies	ISBN/ISSN: 978-81-972950-0-3	2025	485-488
12	S. Anitha Janet Mary	Survey of Maximum Power Point Tracking Techniques for PV System under Partial Shading Condition-A Review	Proceedings of International Conference on Control Instrumentation Communication and Computational Technologies	ISBN/ISSN: 978-81-972950-0-3	2025	374-384
13	Bindhu V. S	Leveraging Deep Learning for Predicting Wind Power Generation	Proceedings of International Conference on Control Instrumentation Communication and Computational Technologies	ISBN/ISSN: 978-81-972950-0-3	2025	617-631

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/SC I/UGC care	Volume No. Issue No.	Year of Publication	Page (pp)
14	J Arul Linsely	Analysis of Mineral Oil and Natural Ester Properties Affected by Antioxidants in Accelerated Aging Conditions	Proceedings of International Conference on Control Instrumentation Communication and Computational Technologies	ISBN/ISSN: 978-81-972950-0-3	2025	402-407
15	J Arul Linsely	Constrained Beam Hardening Estimator for Metal Artifact Reduction in Computed Tomography Imaging	Proceedings of International Conference on Control Instrumentation Communication and Computational Technologies	ISBN/ISSN: 978-81-972950-0-3	2025	191-204

9. Details of patents applied/awarded:

S.No.	Name of the Faculty member	Title	Date of filing	Application No.	Award No.
1	Dr.H.Vennila	IoT Based Battery Management System For Electric Vehicles	03/09/2024		429170-001
2	Dr.P.Sujatha Therese	Fast Machine Learning Model Prototyping using an Automated Programming Platform	18-04-2025	202541037652 Published	

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1	Mary Synthia Regis Prabha, D.M.,	Incredible Energy Sources of the Future, ISBN: 978-93-6252-271-9	(IIP Publisher),	23 Feb., 2025.130 pages
2.	Mary Synthia Regis Prabha, D.M	Industrial Automation: Control and Instrumentation ISBN 978-93-6736-318-8	IGI Global	2024
3.	Mary Synthia Regis Prabha	"Advanced Electrical Treatment Technologies for Preventing Hazardous Industrial Chemicals from Entering Wastewater Systems". ISBN 978-3-031-84908-4	28, pp. 75-94.ISSN 2364-6934	March 2025

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO.	Name of the Programme / Branch of study	Sanctioned Strength	Enrolment during 2024-25		Total	Community														Existing Students, Strength						Pass Percent age of out going batch
			F	M		OC		BC		BCM		MBC/ DNC		SC		SCA		ST		II year	III year				IV year	
						M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	UG Programme	30	1	7				5			1							2		7		2		8		63
	PG Courses	-																								-
	Ph.D Programme	36	2	2		2	2													1	3	3	3	3	4	-
	Diploma Certificate add on Courses (if any)																									
	MOOC/SWAYAM/NPTEL/UGC online courses offered																									
	Total																									

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	
1	B.E(EEE)	Indian	Manipur	2		2
2	B.E(EEE)	Indian	Kerala	4	1	5

13. U.G./P.G. and Research degrees awarded:

S. No	UG		P.G.		Ph.D.		
		Total		Total	FT	PT	Total
1	BE(EEE)	5		-			4

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded :

S. No.	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1					

15.Scholarships Awarded:

S. No.	Nature of Scholarship	P.G.		Ph.D.		Total Amount Rs.
		M	F	M	F	
1	B.C.(State)					
2	B.C.M.(State)					
3	M.B.C./D.N.C.(State)					
4	SC/SCA/ST(National)					
5	SC/SCA/ST(State)					
6	AICTE/UGC Scholarships					
7	Management Scholarships					
8	Loan Scholarship					
9	MoovalurRamamirthamAmmaiyar Scheme					
10	'Pudhumai Penn' (modern woman)					
11	TamizPuthalvan					
12	Others (please Specify the scholarship)					
	Total					

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s
1		6	3	6	3	7	1	7	4	2	2	2	2	9	6	9	7

17. Placement Details:

Name of the Placement co-ordinator: Dr H Vennila			
Phone/Mobile Number :e-mail: 9994273837, vennilarajesh@yahoo.co.in			
Number of Placement Programmes:			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	8	
2	Number of Placements obtained through Campus Interview	8	
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	1	

18. Outstanding achievements by the Faculty Members:

S. No.	Name of the Faculty	Achievements	Agency
1	Mary Synthia Regis Prabha, D.M	Dr. Sarvepalli Radhakrishnan National Educationist Award 2024	
2.	Mary Synthia Regis Prabha, D.M	Advanced Certificate in Machine Learning and Data Science'	IITM Madras, Certificate No: 22f3002533

19. Outstanding achievements by Students:

S.No.	Name of the Student	Achievements	Agency
1		Academic Awards	
2		Participation in Cocurricular/ hecathan	
3		Research Projects	
4		Research Paper Presentation	
5		Others	

**20. Department MeetingsHeld :
BOS,Programe Committee, Course Committee etc.**

S.No	Name	Date
1.	BOS	16.05.2025
2	Programe Committee	26/8/24, 10/2/25,13/3/25, 05/5/25 29/9/24, 29/10/24
3	Course Committee	27/2/25 20/3/25 22/4/25
4	Others (Class committee)	19/8/24,10/8/24,24/10/24 27/1/25,17/2/25,24/3/25 8/5/25,17/7/24,27/9/24,05/11/24 20/1/25,21/02/25,24/3/25,12/4/25 17/7/24,16/8/24,27/9/24,24/10/24 03/2/25,05/3/25,04/4/25

21. Infrastructure and Research facilities available (Please specify equipments more than TwoLakhs Only) :

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical

22. Extension activities carried out :

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	NSS			
2	NCC			
3	YRC			
4	Community engagement	Swatch Bharath Old Age Home	7-02-2025 26-05-2025	Udayagiri Port Mekkamandapam
5	Governemnt Programmes	Self help group	12-12-2024	NICHE Campus
6	National and International days observed	World Entrepreneurship day World Students day	21-8-24 15/10/24	NICHE Campus
7	Others			

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library:

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	1149	7	No. of titles available	1149
2	Books added during the year 2024-25	nil	8	No. of CDs and Digital Books Available	15
3	No. of Indian Journals/Magazines	15	9	No. of Foreign Magazines/Journals	nil
4	No. of data bases available	4	10	No. of Online Journals	nil
5	Average No. of students visiting the Library per day	4	11	Average No. of books Issued per day	1
			12	No. of digital books	nil
6	Availability of Internet (Specify the Capacity) (e.g. – 8 Mbps etc.,)	1GB ps	13	Availability of Language Lab	nil
			14	NDL membership 7. Faculty members 8. Students	nil

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.

25.CollaborativeResearches :

26.Consultanciesundertaken :

27.No. of NET/SET/GATE/CSIR Other Compentetive Examinations Qualified students:

28. MOUs signed :

S.No	Date	MoU signed with	Number of Activities	Remarks

29. Innovations and Best Practices :

S.No	Innovation and Best Practices	Name of the Programme	Date
1	ICT tooloes used		
2	Teaching and learning initiatives		
4	Eco friendly and sustainable practices		
5	Industrial and Academic connect activities		

30. Academic Flexibility :

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed

31. Membership in professional bodies:

S.No	Name of the Professional Body	No. of members

32. Alumni Meetings held:

S.No	Date	Purpose
1	18/7/2024	Skill development of our students
2	04/9/2024	Skill development
3	16/4/2025	Guest lecture on oppurtunities for an enterpreneur

33. Any other Information:

Online courses attended

Dr.P.Sujatha Therese, Dr.H.Vennila

- Introduction to Data Base Systems - NPTEL (January 1, 2025 to April 28, 2025)
- Wild Life Ecology - NPTEL (July 1, 2024 to October 31, 2024)
- Dr.H.Vennila-Education and Informatio Technology,NPTEL (January 1, 2025 to April 28, 2025)

NAME OF THE DEPARTMENT: ELECTRONICS AND INSTRUMENTATION ENGINEERING

1. Department Details :

Name of the Faculty	Electrical & Electronics Engineering
Name of the HoD, Phone No. and E-mail ID	S. S. Kumar, 9789546665, kumarss@niuniv.com
Year of Establishment	1997
Telephone Number	
Website / E mail	www.niuniv.com

2. Details of Faculty Members and Supporting staff :

S. No.	Name of the Faculty Members and Supporting staff	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
1	Dr. S. S. Kumar	M.E., Ph.D.	Associate Professor	Applied Electronics	21	17	kumarss@niuniv.com/ 9789546665
2	Dr. V. Amsaveni	M.E., Ph.D.	Associate Professor	Applied Electronics	18	12	amsaveni@niuniv.com, 9790653295
3	Dr. D. Menaka	M.E., Ph.D.	Associate Professor	Applied Electronics	20.3	12	menakaberita@gmail.com, 9787002920
4	Dr. R. Manju	M.E., Ph.D.	Associate Professor	Applied Electronics	20	16	manjuria.7@gmail.com 9994104539
5	Dr. R. Sarath	M.E., Ph.D.	Associate Professor	Applied Electronics	18.8	12	sarathraveendran@gmail.com /9443791259
6	Dr. S. Felix Stephen	M.E., Ph.D.	Assistant Professor	Control & Instrumentation Engineering	17	8	felixstephensfs@y mail.com / 9486117668
7	Dr.S. Binu Sathiya	M.E., Ph.D.	Assistant Professor	Image processing	18.2	-	katrina.sati@gmail.com 9384734365

3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		Chapters/ Books		API		Ph.D. awarded		Cumulative Scholars
		24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	Ph.D.
1.	Dr. S. S. Kumar	2	17	8	94	180	1073	3	4	480	2458	-	9	5
2.	Dr. V. Amsaveni	3	4	2	10	65	77	-	-	155	1420	-	-	4

S. No.	Name	h index		Publications		Citations		Chapters/ Books		API		Ph.D. awarded		Cumulative Scholars
		24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	Ph.D.
3.	Dr. D. Menaka	4	5	3	20	50	71	-	2	290	1500	2	5	9
4.	Dr. R. Manju													
5.	Dr. R. Sarath	1	3	2	18	12	43	-	1	220	1384.5	1	3	6
6.	Dr. S. Felix Stephen	-	2	1	8	2	11	-	1	282.5	1534.5	-	-	1
7.	Dr. S. BinuSathiya	-	1	-	9	3	30	-	1	240	1447.5	-	-	-

4.. Research Schemes/Projects undertaken and applied for :

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1	S.S. Kumar (Co PI)	IKS Division	Kanyakumari GI LavangaSamvardhini: AI, Sensor Tantra, and Vedic-AyurvedicKrishiParam para for Sustainable Agriculture and Addressing Contemporary Challenges			16 lakhs

5. a) Participation of the Faculty members, presentation of papers in Congresses/Conferences/Seminars/Workshops, Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/ Seminar /Workshop and Venue	Title of the paper	Date
1	Dr. S.S.Kumar	International Conference on Emerging Technologies In Engineering and Applied Sciences, (ICETEAS 2025)	A Systematic Review Of Deep Learning Techniques For Colon Cancer Classification: Trends And Challenges	3-4-2025
2	Dr. S.S.Kumar	International Conference on Emerging Technologies In Engineering and Applied Sciences, (ICETEAS 2025)	Emerging Paradigms In Liver Cancer Classification Using Deep Learning Techniques	3-4-2025

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Date
3	Dr. S.S.Kumar	International Conference on Control Instrumentation Communication and Computational Technologies (ICCICCT-2025)	Enhanced Lung Segmentation from Chest X-Ray Images Using a Novel Modified U-Net with Dual Attention	24-04-2025 & 25-04-2025
4	Dr. S.S.Kumar	International Conference on Control Instrumentation Communication and Computational Technologies (ICCICCT-2025)	Lowlight Net: Leveraging Transfer Learning and Multi-Level Attention for Low Light Image Enhancement	24-04-2025 & 25-04-2025
5	Dr. S.S.Kumar	International Conference on Control Instrumentation Communication and Computational Technologies (ICCICCT-2025)	Finite Element-Based Fatigue Analysis and Enhanced Life Prediction for Ball Bearings in Rotating Machinery	24-04-2025 & 25-04-2025
6	Dr. S.S.Kumar	International Conference on Control Instrumentation Communication and Computational Technologies (ICCICCT-2025)	Advances in Multispectral and Thermal Object Detection for Autonomous Driving: A Comprehensive Review	24-04-2025 & 25-04-2025
7	Dr. S.S.Kumar	International Conference on Control Instrumentation Communication and Computational Technologies (ICCICCT-2025)	Liver Segmentation Using a Modified Transformer Model	24-04-2025 & 25-04-2025
8	Dr. S.S.Kumar	International Conference on Control Instrumentation Communication and Computational Technologies (ICCICCT-2025)	Certain Studies on Noise Distortions in Reversible Image Steganography Schemes	24-04-2025 & 25-04-2025
9	Dr. V. Amsaveni	Published papers and Participated in ICCICCT2025	Advancing Satellite Communication: A Survey on Constellation Architectures, Emerging Technologies and Security Frameworks	24-04-2025 & 25-04-2025

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Date
10	Dr. V. Amsaveni	International Conference on Control Instrumentation Communication and Computational Technologies (ICCICCT-2025)	Hybrid MDM-FSO architecture with enhanced security using optical chaos	24-04-2025 & 25-04-2025
11	Dr. V. Amsaveni	International Conference on Control Instrumentation Communication and Computational Technologies (ICCICCT-2025)	Automated Osteoarthritis Detection Using a Transfer Learning Approach with ResNet-50: A Comparative Study	24-04-2025 & 25-04-2025
12	Dr. D. Menaka	International Conference on Control Instrumentation Communication and Computational Technologies (ICCICCT-2025)	Revolutionizing Satellite Image Classification using Deep Learning Framework	24-04-2025 & 25-04-2025
13	Dr. D. Menaka	International Conference on Control Instrumentation Communication and Computational Technologies (ICCICCT-2025)	Artificial Intelligence based Facial Emotion Recognition with Deep Neural GAN Augmentation	24-04-2025 & 25-04-2025
14	Dr. D. Menaka	International Conference on Control Instrumentation Communication and Computational Technologies (ICCICCT-2025)	Rail fastener fault detection based on enhanced yolov7 model	24-04-2025 & 25-04-2025
15	Dr. D. Menaka	International Conference on Control Instrumentation Communication and Computational Technologies (ICCICCT-2025)	A Smart Wearable Framework for Cardiac Disease Detection using Temporal Attention and Graph-Based Deep Learning	24-04-2025 & 25-04-2025
16	Dr. D. Menaka	International Conference on Control Instrumentation Communication and Computational Technologies (ICCICCT-2025)	Enhanced Chronic Illness Monitoring Using Refined Null Space LDA in IoT-Driven Environments	24-04-2025 & 25-04-2025

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Date
17	Dr. D. Menaka	International Conference on Control Instrumentation Communication and Computational Technologies (ICCICCT-2025)	Advanced Fusion of X-Ray and CT Images for Enhanced Clinical Diagnostics	24-04-2025 & 25-04-2025
18	Dr. D. Menaka	International Conference on Control Instrumentation Communication and Computational Technologies (ICCICCT-2025)	Machine Learning Based Intelligent Accident Detection and Notification Systems in IOT Networks	24-04-2025 & 25-04-2025
19	Dr. D. Menaka	International Conference on Control Instrumentation Communication and Computational Technologies (ICCICCT-2025)	AI based Brain Tumor Detection and Classification: An Overview	24-04-2025 & 25-04-2025
20	Dr. R. Manju	International Conference on Control Instrumentation Communication and Computational Technologies (ICCICCT-2025)	Networked LED System Management using Sensorless Illumination Feed Forward Neural Networks	24-04-2025 & 25-04-2025
21	Dr. R. Manju	International Conference on Control Instrumentation Communication and Computational Technologies (ICCICCT-2025)	Automated Urban Waste Sorting System Using AI	24-04-2025 & 25-04-2025
22	Dr. R. Manju	International Conference on Control Instrumentation Communication and Computational Technologies (ICCICCT-2025)	IoT-Based Sensor Integrated Smart Health Monitoring System	24-04-2025 & 25-04-2025
23	Dr. R. Manju	International Conference on Control Instrumentation Communication and Computational Technologies (ICCICCT-2025)	A Median Filter Approach to ECG Signal Preprocessing for Heartbeat Classification	24-04-2025 & 25-04-2025

S. No.	Name of the Faculty	Congress/Conference/ Seminar /Workshop and Venue	Title of the paper	Date
24	Dr. R. Sarath	International Conference on Control Instrumentation Communication and Computational Technologies (ICCICCT-2025)	IOT Based Smart Waste Management System	24-04-2025 & 25-04-2025
25	Dr. R. Sarath	International Conference on Control Instrumentation Communication and Computational Technologies (ICCICCT-2025)	Energy-Efficient Clustering with Non-Uniform Node Distribution for Wireless Sensor Networks	24-04-2025 & 25-04-2025
26	Dr. R. Sarath	International Conference on Control Instrumentation Communication and Computational Technologies (ICCICCT-2025)	Automated Urban Waste Sorting System Using AI	24-04-2025 & 25-04-2025
27	Dr. S. Felix Stephen	International Conference on Control Instrumentation Communication and Computational Technologies (ICCICCT-2025)	Design of Multiple STATCOMs for Power System Stability Enhancement	24-04-2025 & 25-04-2025
28	Dr. S. Felix Stephen	International Conference on Control Instrumentation Communication and Computational Technologies (ICCICCT-2025)	IoT Based Smart Irrigation Monitoring and Controlling System using NodeMCU	24-04-2025 & 25-04-2025
29	Dr. S. Binu Sathiya	International Conference on Control Instrumentation Communication and Computational Technologies (ICCICCT-2025)	IOT Based Smart Irrigation System	24-04-2025 & 25-04-2025
30	Dr. S. Binu Sathiya	International Conference on Control Instrumentation Communication and Computational Technologies (ICCICCT-2025)	IOT Based Smart Irrigation Monitoring And Controlling System Using Nodemcu	24-04-2025 & 25-04-2025

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Date
31	Dr. S. Binu Sathiya	International Conference on Control Instrumentation Communication and Computational Technologies (ICCICCT-2025)	Design of multiple STATCOMs for power system stability enhancement	24-04-2025 & 25-04-2025
32	Dr. S. Binu Sathiya	International Conference on Control Instrumentation Communication and Computational Technologies (ICCICCT-2025)	Machine Learning Based Intelligent Accident Detection and Notification Systems in IOT Networks	24-04-2025 & 25-04-2025

b) Foreign Faculty/Expert visit to the Department:

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1	Dr. SujeshKumar	Maldives Polytechnic, Ministry of Higher Education	Male(Maldives)	1 day	International Conference
2	Dr. Salmah Binti Karman,	Department of BME, Universiti Malaya,	Malaysia	1 day	International Conference

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty member	Role	Event	Title	Venue & Date
1	S. S. Kumar	Chair	International Conference	International Conference on Innovations in Engineering and Technology (ICIET-2025)	Dept. of IT, 2-4-2025
2	S. S. Kumar	Chair	International Conference	International Conference on Emerging Technologies In Engineering and Applied Sciences, (ICETEAS 2025)	Dept. of ECE, 3-4-2025

S. No.	Name of the Faculty member	Role	Event	Title	Venue & Date
3	Dr. D. Menaka	Resource Person	Faculty Development Program	MODELLING SIMULATION AND CONTROL OF ELECTRIC VEHICLES	Department of Electrical and Electronics Engineering, PSN College of Engineering and Technology, December 10, 2024.

7. Details of Seminars, Conferences, Refresher courses, Webinars Organised:

S. No.	Name of the Faculty member	Congress/Conference/Seminar/ Workshop/Symposia , Webinars etc. organised	State/National/ International Level	Date
1	Dr. S.S.Kumar	Webinar on Role of AI in Autonomous driving	National	04-10-2024
2	Dr. S.S.Kumar	PDP on Industry 4.0 and Digital Twin	National	07-03-2025
3	Dr. V. Amsaveni	Guest lecture on Modulation in Communication	National	27-02-2025
4	Dr. D. Menaka	Workshop on IoT Ecosystem using Arduino Platform	National	26-7-2024
5	Dr. D. Menaka	Seminar on AI-Driven Automation in Industrial Instrumentation : Transforming Process	National	22-10-2024
6	Dr. D. Menaka	International Conference on Control Instrumentation Communication and Computational Technologies – ICCICCT2025	International	24-04-2025 & 25-04-2025
7	Dr. R. Manju	Extension Activity – Providing food for aged persons	National	27-05-2025
8	Dr. R. Sarath	FDP on “Role of AI in bioimaging and signal processing”	National	26-05-2025 to 30-05-2025
9	Dr. R. Sarath	Students Association - symposia	National	30-04-2025
10	Dr. S. Felix Stephen	Seminar on Emerging Trends in Robotics and Automation	National	23-8-2024
11	Dr. S. Binu Sathya	Alumni Interaction on IOT in Instrumentation	National	06-03-2025
12	Dr. S. Binu Sathya	Guest lecture on Introduction to deep learning: Transforming AI with neural networks	National	07-03-2025

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/SCI /UGC care	Volume No. Issue No.	Year of Publication	Page (pp)
1	Dr. S.S.Kumar	Efficient Hybrid Electric Vehicle Power Management: Dual Battery Energy Storage Empowered by Bidirectional DC–DC Converter	Energy Storage, 2578-4862, Scopus	6(8)	2024	
2	Dr. S.S.Kumar	Multiple Scaling Based EfficientNet Modelling for Liver Tumor Classification on CT Images	International Journal Bioautomation, 1314-2321 Scopus	28(3)	2024	151-160
3	Dr. S.S.Kumar	Transformer Skip-Fusion Based SwinUNet for Liver Segmentation From CT Images	International Journal of Imaging Systems and Technology, 1098-1098, SCI	34(4)	2024	5044 - 5074
4	Dr. S.S.Kumar	Optimized Deep Embedded Clustering-Based Speaker Diarization with Speech Enhancement	Circuits Systems and Signal Processing, 1531-5878, SCI,	44(7)	2025	579-594
5	Dr. S.S.Kumar	A Deep Learning Network for Classification of Lung Cancer from Computer Tomography Images Using Fine-Tuned Visual Geometric Group-16	Journal of Information Systems Engineering and Management, 2468-4376	10(2)	2025	
6	Dr. S.S.Kumar	Advancements in medical image segmentation: A review of transformer models	Computers and Electrical Engineering, 1879-0755, SCI,	123(1)	2025	252-260

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/SCI /UGC care	Volume No. Issue No.	Year of Publication	Page (pp)
7	Dr. S.S.Kumar	A New Hybrid Structure for Bidirectional DC-DC Converters with High Conversion Ratios for Electric Vehicles using War Strategy Optimization-WSO	International Journal of Electrical and Electronics Engineering, 2348-8379, Scopus	12(4)	2025	
8	Dr. S.S.Kumar	A Review of U-Net-Based Deep Learning Models for Skin Lesion Segmentation	International Journal of Imaging Systems and Technology, 1098-1098, SCI	35(3)	2025	PP. 1-27
9	Dr. D. Menaka	Detection of covid-19 on GGO segmented CT image using stacking-based ensemble deep learning	Multimedia Tools and Applications, Springer, Scopus	Vol. 1, No. 1	2025	PP. 47-55
10	Dr. D. Menaka	ANN Optimized DA-STS Under Partial Shading Conditions	SSRG International Journal of Electronics and Communication Engineering, Seventh Sense Research Group, Scopus	Vol. 11, No. 9	2024	PP. pp 216-240
11	Dr. D. Menaka	IoT-botnet attack detection and mitigation using ensembled-deep-learning-model	International Journal of Mathematics in Operational Research, , , Inderscience Publishers (IEL), Scopus	Vol. 31, No. 2	2025	PP: 118-132
12	Dr. D. Menaka	Attention-Based BI-LSTM Model to Detect Botnet Attacks over Internet of Things (IoT) Environments	SSRG International Journal of Electronics and Communication Engineering ISSN: 2348-8549	Volume 11 Issue 11	November 2024	Pp:1-13

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/SCI /UGC care	Volume No. Issue No.	Year of Publication	Page (pp)
13	Dr. R. Sarath	Optimization Enabled Deep Convolution Neural Network with multiple features for Cardiac Arrhythmia classification using ECG signals	Biomedical signal processing and control DOI :10.1016/j.bspc.2024.105964,SCI	Volume 92	2024	Pp:1-14
14	Dr. R. Sarath	Cascaded regression with dual CNN framework for time effective detection of gliomas cancers	Intelligence-Based Medicine SCI	Vol 10	Oct 2024	Pp: 286-296
15	Dr. S. Felix Stephen	Revolutionizing Esophageal Cancer Diagnosis: A Deep Learning-Based Method in Endoscopic Images	(IJACSA) International Journal of Advanced Computer Science and Applications Scopus	Vol. 15, No. 7,	2024	

9. Details of patents applied/awarded:

S.No.	Name of the Faculty member	Title	Date of filing	Application No.	Award No.
1	S. S. Kumar	Real-Time Anomaly Detection Using Deep Learning In Cloud Network Traffic	30June 2024	202441050064 A	
2	S. S. Kumar	IOT Enabled Digital Micro Meter	11-2-2025	447625-001	29-5-2025
3	S. S. Kumar	Smart Sensor for Liquid Level and Temperature Monitor	11-2-2025	447626-001	29-5-2025

S.No.	Name of the Faculty member	Title	Date of filing	Application No.	Award No.
4	Dr. R. Manju	Automated urban Waste sortingsystem using AI	Aug 2024		425917-001
5	Dr. R. Sarath	Automated urban Waste sortingsystem using AI	Aug 2024		425917-001
6	Dr. S. Binu Sathiya	A system and method for sentiment analysis and control of a robotic arm in a surgical console	26-03-2025	202541028839	

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1	S. S. Kumar	Digital Image Processing, 978-93-6260-475-0	Charulatha Publications, Chennai	2024
2	S. S. Kumar	Artificial Intelligence and Machine Learning, 978-93-6260-140-7	Charulatha Publications, Chennai	2024

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO.	Name of the Programme / Branch of study	Sancti oned Stren gth	Enrolment during 2024-25		Total	Community														Existing Students, Strength						Pass Percenta ge of out going batch
			F	M		OC		BC		BCM		MBC/ DNC		SC		SCA		ST		II year		III year		IV year		
						M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
1	UG Programme	30	1	13			1	9				4							3		2		8	1	88.89	
2	PG Courses	18		2				2											2						100	
3	Ph.DProgram me	-																								
4	Diploma Certificate add on Courses (if any)																									
5	MOOC/SWAYAM/NPTEL/UGC online courses offered																									
	Total	16	1	15			1	11				4							5		2		8	1		

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	
1	B.E.(EIE)	Indian	Kerala	1		1

13. U.G./P.G. and Research degrees awarded:

S. No	UG		P.G.		Ph.D.		
		Total		Total	FT	PT	Total
1	3	3	5	5			

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded :

S. No.	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1					

15.Scholarships Awarded:

S. No.	Nature of Scholarship	P.G.		Ph.D.		Total Amount Rs.
		M	F	M	F	
1	B.C.(State)					
2	B.C.M.(State)					
3	M.B.C./D.N.C.(State)					
4	SC/SCA/ST(National)					
5	SC/SCA/ST(State)					
6	AICTE/UGC Scholarships					
7	Management Scholarships					
8	Loan Scholarship					
9	MoovalurRamamirthamAmmaiyar Scheme					
10	'Pudhumai Penn' (modern woman)					
11	TamizPuthalvan					
12	Others (please Specify the scholarship)					
	Total					

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass
1.	B. E. - EIE					3	2	3		2	2	2		9	9	9	8
2.	M. E. - CIE	-	-	-	-	2	2	2									

17. Placement Details:

Name of the Placement co-ordinator: S. Felix Stephen			
Phone/Mobile Number : 9486117668 e-mail: felixstephensfs@ymail.com			
Number of Placement Programmes:			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	7	1
2	Number of Placements obtained through Campus Interview	7	1
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	0.875	1

18. Outstanding achievements by the Faculty Members:

S. No.	Name of the Faculty	Achievements	Agency
1	Dr.S.S.Kumar	Award Ascend 2025	NICHE
2	Dr.S.S.Kumar	Top 5% in NPTEL Exams	NPTEL
3	Dr. Menaka	Award Ascend 2025	NICHE
4	Dr. R. Manju	Award Ascend 2025	NICHE
5	Dr. S. Felix Stephen	Award Ascend 2025	NICHE
6	Dr. S. Binu Sathiya	Award Ascend 2025	NICHE

19. Outstanding achievements by Students:

S.No.	Name of the Student	Achievements	Agency
1		Academic Awards	
2		Participation in Cocurricular/ hecathan	
3		Research Projects	
4	Abeshekgu.K	Research Paper Presentation	NICHE
5	Rejin.R	Research Paper Presentation	NICHE
6	SiluvaijamesMajoline	Research Paper Presentation	NICHE
7	Athira.D.c	Research Paper Presentation	NICHE
8	Steve Anand.J	Research Paper Presentation	NICHE
9	Anish Karthikeyan K	Research Paper Presentation	NICHE
10	R.P Rejulin Raj	Research Paper Presentation	NICHE
11	SiluvaiDunomine	Research Paper Presentation	NICHE
12		Others	

**20. Department MeetingsHeld :
BOS,Programe Committee, Course Committee etc.**

S.No	Name	Date
1.	BOS	18-5-2024, 20-02-2025
2	Programe Committee	01/08/2024, 23/09/2024, 04/11/2024 10/02/2025,13/03/2025,20/04/2025
3	Course Committee	
4	Others	

21. Infrastructure and Research facilities available (Please specify equipments more than TwoLakhs Only) :

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical

22. Extension activities carried out :

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	NSS			
2	NCC			
3	YRC			
4	Community engagement			
5	Governemnt Programmes			
6	National and International days observed			
7	Others	Home for the Aged	27-5-2025	Pilankalai

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library:

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	1155	7	No. of titles available	30
2	Books added during the year 2024-25	5	8	No. of CDs and Digital Books Available	-
3	No. of Indian Journals/Magazines	6	9	No. of Foreign Magazines/Journals	-
4	No. of data bases available	-	10	No. of Online Journals	-
5	Average No. of students visiting the Library per day	10	11	Average No. of books Issued per day	3
			12	No. of digital books	-
6	Availability of Internet (Specify the Capacity) (e.g. – 8 Mbps etc.,)	8 Mbps	13	Availability of Language Lab	-
			14	NDL membership 9. Faculty members 10. Students	-

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.

25.CollaborativeResearches :

26.Consultanciesundertaken :

**27.No. of NET/SET/GATE/CSIR Other Competitive Examinations Qualified students:1
(D. C. Athira)**

28. MOUs signed :

S.No	Date	MoU signed with	Number of Activities	Remarks
1.	8/8/2024	Feather Softwares, Nagercoil	1	

29. Innovations and Best Practices :

S.No	Innovation and Best Practices	Name of the Programme	Date
1	ICT tools used	Smart Class Room	
2	Teaching and learning initiatives		
4	Eco friendly and sustainable practices	Eco Club-Tree Plantation	
5	Industrial and Academic connect activities	Industrial Visit	16.10.2024, 27.3.2025

30. Academic Flexibility :

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed
1	a. Transducers and Instrumentation, b. Sensors and Actuators	NPTEL	2	

31. Membership in professional bodies:

S.No	Name of the Professional Body	No. of members

32. Alumni Meetings held:

S.No	Date	Purpose
1	27-12-2024	Alumni Meet

33. Any other Information:

NAME OF THE DEPARTMENT: FIRE TECHNOLOGY AND SAFETY ENGINEERING

1. Department Details :

Name of the Faculty	Mechanical Engineering
Name of the HoD, Phone No. and E-mail ID	Dr.V.Mago Stalany, 9443791663, magostalany@gmail.com
Year of Establishment	2016
Telephone Number	04651250566
Website / E mail	ftse@niuniv.com

2. Details of Faculty Members and Supporting staff :

S. No.	Name of the Faculty Members and Supporting staff	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
1	Dr.V.Mago Stalany	P.hD	AP	Manufacturing	19	3	magostalany@gmail.com &9443791663
2	Dr.S.Jenkins Hexley Dhas	P.hD	AP	Machine Design,	34	-	jenkinsdhas@yahoo.com &9486059241
3	Dr. R. Rajesh	P.hD	AP	Power Systems	17	8	rajeshknky@gmail.com &9944872621
4	Mr.V.Suresh Babu	ME	AP	Engineering Design	14	-	sureshbabu@niuniv.com &9442075149
5	Mr.P.S.Sherlin Paul	ME	AP	Applied Electronics	6	-	pssherlinpaul@gmail.com &9443607450
6	Mr.R.Aniver Chanth	ME	AP	Engineering Design	6	-	aniashika1@gmail.com &7339163703

3. Faculty Members Achievements /Performance:

S. No	Name	h index		Publications		Citations		Chapters/ Books		API		Ph.D. awarded		Cumulative Scholars
		24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	Ph.D.
1	Dr.V.Mago Stalany	4	4	-	-	23	88	-	-	-	-	-	-	-
2	Dr.S.Jenkins Hexley Dhas	-	-	-	-	-	-	-	-	-	-	-	-	-

S. No	Name	h index		Publications		Citations		Chapters/ Books		API		Ph.D. awarded		Cumulative Scholars
		24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	Ph.D.
3	Dr. R. Rajesh	1	3	1	9	17	55	-	1	-	-	-	-	1
4	Mr.V.Suresh Babu	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Mr.P.S.Sherlin Paul	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Prof.R.Aniver Chanth	-	-	-	-	-	-	-	-	-	-	-	-	-

4.. Research Schemes/Projects undertaken and applied for :

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1						
2						

5. a) Participation of the Faculty members, presentation of papers in Congresses/Conferences/Seminars/Workshops, Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Date
1				
2				

b) Foreign Faculty/Expert visit to the Department:

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1					
2					

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty member	Role	Event	Title	Venue & Date
1	Mr.I.James Dhinakaran Williams	Key note Speakers	Symposium	JOULES FEZT-25	Stella Marys College of Engineering, 18-03-2025

7. Details of Seminars, Conferences, Refresher courses, Webinars Organised:

S. No.	Name of the Faculty member	Congress/Conference/ Seminar/ Workshop/Symposia , Webinars etc. organised	State/National/ International Level	Date
1	Mr.I.James Dhinakaran Williams	FDP	National (NICHE)	26-5-2025 to 30-5-2025
2	Mr.I.James Dhinakaran Williams	FDP	Atal (Crescent)	09/12/2024 to 14/12/2024
3	Dr.V.Mago Stalany	FDP	National (NICHE)	26-5-2025 to 30-5-2025
4	Dr.V.Mago Stalany	FDP	Atal (Crescent)	09/12/2024 to 14/12/2024.
5	Dr.V.Mago Stalany	FDP	National (St Joseph University)	09/12/2024 to 14/12/2024
6	Dr.S.Jenkins Hexley Dhas	FDP	National (NICHE)	26-5-2025 to 30-5-2025
7	Dr. R. Rajesh	FDP	National (NICHE)	26-5-2025 to 30-5-2025
8	Mr.V.Suresh Babu	FDP	National (NICHE)	26-5-2025 to 30-5-2025
9	Mr.P.S.Sherlin Paul	Webinar	National (Arunachala Hitech Engg.college)	08-11-2024
10	Mr.P.S.Sherlin Paul	FDP	National (SRM University)	03-07-2024 to 10-07-2024
11	Mr.P.S.Sherlin Paul	Webinar	National (S.T Hindu College)	19-09-2024
12	Mr.P.S.Sherlin Paul	FDP	National SVCE	05-08-2024 to 09-08-2024
13	Mr.P.S.Sherlin Paul	Webinar	International (KL University)	30-09-2024
14	Mr.P.S.Sherlin Paul	Webinar	National (MTW University)	29-08-2024
15	Mr.P.S.Sherlin Paul	FDP	National (ST.Joseph University)	14-10-2024 to 18-10-2024
16	Mr.P.S.Sherlin Paul	PDP	National NICHE	25-11-2024
17	Mr.P.S.Sherlin Paul	FDP	ATAL AICTE	10-02-2025 To 15-02-2025
18	Mr.P.S.Sherlin Paul	FDP	National (PET)	18-03-2025 To 22-03-2025

S. No.	Name of the Faculty member	Congress/Conference/ Seminar/ Workshop/Symposia , Webinars etc. organised	State/National/ International Level	Date
20	Mr.P.S.Sherlin Paul	FDP	National (NICHE)	26-5-2025 to 30-5-2025
21	Prof.R.Aniver Chanth	FDP	National NICHE	26-5-2025 to 30-5-2025
22	Prof.R.Aniver Chanth	FDP	National PET	18.03.2025 to 22.03.2025
23	Prof.R.Aniver Chanth	FDP	National St Joseph university	14-10-2024 to 18-10-2025
24	Prof.R.Aniver Chanth	FDP	National SVCE	5-8-2024 to 09-08-2024
25	Prof.R.Aniver Chanth	Webinar	International (KL University)	30-09-2024
26	Prof.R.Aniver Chanth	Workshop	edgiate technology private ltd	25—11-2024 to 30-11-2024

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/ SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
1	Dr. R. Rajesh	Efficient Hybrid LSO- QNN Approach for Power Quality Improvement in Smart Grids Using DSTATCOM and Renewables	Scopus/SCI Indexed	10/1080	Jul-2025	https://doi.org/10.1080/03772063.2025.2487943

9. Details of patents applied/awarded:

S.No.	Name of the Faculty member	Title	Date of filing	Application No.	Award No.
1	Prof.R.Aniver Chanth	FLOWER OIL EXTRACTION Machine	19-12-2024	441137-001	February 27, 2025
2	Prof.R.Aniver Chanth	Road Accident Detection And Reporting System	10-01-2025	443741-001	April 8, 2025

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1				

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO.	Name of the Programme / Branch of study	Sancti oned Stren gth	Enrolment during 2024-25		Tota l	Community														Existing Students, Strength								Pass Percent age of out going batch
			F	M		OC		BC		BCM		MBC/ DNC		SC		SCA		ST		II year		III year		IV year				
						M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
	UG Programme	60	-	09	09	5	-	20	-	-	-	-	-	2	-	-	-	1	-	13	-	11	1	14	-	43		
	PG Courses	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	Ph.DProgram me	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	Diploma Certificate add on Courses (if any)	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	MOOC/SWA YAM/NPTEL/ UGC online courses offered		1	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-				
	Total	60								-																		

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	
1	BTech, FireTechnology and Safety Engineering	Indian	Kerala	7	-	7

13. U.G./P.G. and Research degrees awarded:

S. No	UG		P.G.		Ph.D.		
		Total		Total	FT	PT	Total
1		6					6

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded :

S. No.	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1					

15.Scholarships Awarded:

S. No.	Nature of Scholarship	P.G.		Ph.D.		Total Amount Rs.
		M	F	M	F	
1	B.C.(State)					
2	B.C.M.(State)					
3	M.B.C./D.N.C.(State)					
4	SC/SCA/ST(National)					
5	SC/SCA/ST(State)					
6	AICTE/UGC Scholarships					
7	Management Scholarships					
8	Loan Scholarship					
9	MoovalurRamamirthamAmmaiyar Scheme					
10	'Pudhumai Penn' (modern woman)					
11	TamizPuthalvan					
12	Others (please Specify the scholarship)					
	Total					

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s
1	FTSE	9	3	9	2	13	6	13	7	12	8	12	10	14	8	14	6

17. Placement Details:

Name of the Placement co-ordinator: R aniver chanth			
Phone/Mobile Number :e-mail: 7339163703 & aniashika1@gmail.com			
Number of Placement Programmes:09			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	12	-
2	Number of Placements obtained through Campus Interview	12	-
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	86	-

18. Outstanding achievements by the Faculty Members:

S. No.	Name of the Faculty	Achievements	Agency
1			

19. Outstanding achievements by Students:

S.No.	Name of the Student	Achievements	Agency
1		Academic Awards	
2		Participation in Cocurricular/hecathan	
3		Research Projects	
4		Research Paper Presentation	
5		Others	

**20. Department MeetingsHeld :
BOS,Programe Committee, Course Committee etc.**

S.No	Name	Date
1.	BOS	31-05-2025
2	Programe Committee	23-04-2025
3	Course Committee	27-02-2025
4	Others	-

21. Infrastructure and Research facilities available (Please specify equipments more than TwoLakhs Only) :

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical

22. Extension activities carried out :

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	NSS			
2	NCC			
3	YRC			
4	Community engagement			

S. No.	Name of the Activity	Beneficiaries	Date	Venue
5	Governemnt Programmes			
6	National and International days observed			
7	Others			

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library:

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	661	7	No. of titles available	-
2	Books added during the year 2024-25	7	8	No. of CDs and Digital Books Available	-
3	No. of Indian Journals/Magazines	-	9	No. of Foreign Magazines/Journals	-
4	No. of data bases available	-	10	No. of Online Journals	-
5	Average No. of students visiting the Library per day	3	11	Average No. of books Issued per day	2
			12	No. of digital books	-
6	Availability of Internet (Specify the Capacity) (e.g. – 8 Mbps etc.)	-	13	Availability of Language Lab	-
			14	NDL membership 9. Faculty members 10.Students	7 39

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.

25.Collaborative Researches :

26.Consultancies undertaken :

27.No. of NET/SET/GATE/CSIR Other Compentetive Examinations Qualified students:

28. MOUs signed :

S.No	Date	MoU signed with	Number of Activities	Remarks

29. Innovations and Best Practices :

S.No	Innovation and Best Practices	Name of the Programme	Date
1	ICT tools used		
2	Teaching and learning initiatives		
4	Eco friendly and sustainable practices		
5	Industrial and Academic connect activities	INTERNSHIP	

30. Academic Flexibility :

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed
1	SWAYAM	NPTEL	3	3

31. Membership in professional bodies:

S.No	Name of the Professional Body	No. of members
1		

32. Alumni Meetings held:

S.No	Date	Purpose
1	09-06-2025	Interaction

33. Any other Information:

NAME OF THE DEPARTMENT: INFORMATION TECHNOLOGY**1. Department Details :**

Name of the Faculty	Faculty of Information Technology
Name of the HoD, Phone No. and E-mail ID	Dr.R.Mathusoothana S.Kumar 9486856119 rmssk@niuniv.com
Year of Establishment	1998
Telephone Number	04651-250566
Website / E mail	www.niuniv.com

2. Details of Faculty Members and Supporting staff :

S. No	Name of the Faculty Members and Supporting staff	Qualification	Designation	Specialisation	Experience in years		E-mail ID &Phone/Cell Phone No.
					Teaching	Research	
1	Prof.A.R.Subramonia Iyer	B.Sc., M.Sc.,L.L.B	Professor	Cyber Forensics	13.5 yrs	-	arsiyer1951@gmail.com

S. No	Name of the Faculty Members and Supporting staff	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
				and Security			9447575576
2	Prof.Dr.R.Mathusoothana.S.Kumar	B.E.,M.E., Ph.D	Professor	Image Processing	28.2 yrs	18 yrs	rmssk@niuniv.com 9486856119
3	Dr.S.Maria Celestin Vigila	B.E.,M.E., Ph.D	Associate Professor	Data Security	26.7 yrs	18 yrs	vigila@niuniv.com , 9442150033
4	Dr.V.MaryAmala Bai	B.E.,M.E., Ph.D	Associate Professor	Data Mining	22.4 yrs	16 yrs	maryamalabai@niuniv.com 7502869501
5	Dr.K.SivaSankar	B.E.,M.E., Ph.D., MBA	Associate Professor	System Software	16.5 yrs	16.5 yrs	sivasankar@niuniv.com 9442229791
6	Dr.T.Brindha	B.E., M.Tech. Ph.D	Associate Professor	cloud computing	17.7 yrs	9 yrs	brindha@niuniv.com 9677508835
7	Dr.Y.Jeyasheela	B.E.,M.E., Ph.D	Associate Professor	Data Mining	19 yrs	5.6 yrs	jeyasheela@niuniv.com 9566424865
8	Dr.M.B.Jayalekshmi	B.E.,M.E., Ph.D	Assistant Professor	cloud computing	17.1 yrs	5.6 yrs	mbiaya2k5@gmail.com 9486795892
9	Dr.T.V.Sindia	B.E., M.Tech. Ph.D	Assistant Professor	Cloud security	17 yrs	6 yrs	sindiatv@gmail.com 9442332616
10	Ms.Leena S Watson	B.E.,M.Tech	Assistant Professor	Cyber Forensics and Information Security	2.4 yrs		watsonleena@niuniv.com 9048964863

3. Faculty Members Achievements / Performance:

S. No	Name	h index		Publications		Citations		Chapters/ Books		API		Ph.D. awarded		Cumulative Scholars
		24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	Ph.D.
1	Prof. A.R.Subramonia Iyer	-	-	-	-	-	-	-	-			-	-	-
2	Dr.R.MathuSoothana.S.Kumar	7	7	3	38	98	98	1	5	88.7	87.5	3	7	14
3	Dr.S.Maria Celestin Vigila	11	11	1	42	306	306	-	12	100	99.45	1	8	14
4	Dr.V.Mary Amala Bai	4	4	4	19	83	83	-	1	100	90	1	2	8
5	Dr.K.Siva Sankar	5	5	2	61	73	73	-	3	93.5	92	1	5	12
6	Dr.T.Brindha	5	5	1	30	83	83	-	2	100	96.5	1	4	10
7	Dr.Y.Jeyasheela	2	2	-	4	4	4	-	1	93.75	84.2	-	-	3
8	Dr.M.B.Jaya lekshmi	1	1	-	3	12	12	-	1	84.5	79	-	-	-
9	Dr.T.V.Sindia	2	2	-	5	11	11	-	1	81.3	81.4	-	-	-
10	Mrs.Leena Watson	-	-	-	-	-	-	-	-			-	-	-

4.. Research Schemes/Projects undertaken and applied for : Nil

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1						
2						

5. a) Participation of the Faculty members, presentation of papers in Congresses/Conferences/Seminars/Workshops,Symposia, etc.

S. No .	Name of the Faculty	Congress/Conference/ Seminar /Workshop and Venue	Title of the paper	Date
1	Dr. R. Mathusoothana S. Kumar	Online FDP	Mastering the Technologies Shaping Education and Industry	19.5.2025 to 23.5.2025
		International Conference on Innovations in Engineering and Technology (ICIET – 2025),	AI-Powered Deepfake Detection: A hybrid InceptionV3-L STM Approach for Secure Video Authentication	2 nd and 3 rd April, 2025,
			Hybrid AI Model for efficient video summarization: A smart Framework	
			Exploring web application penetration testing: A comprehensive analysis using DVWA	
			Optimizing TransUNet for liver segmentation using Butterfly Optimization Algorithm (BOA)	
			Challenges and Insights in FAT File System Recovery for Cyber Forensics Investigations	
			Ahead of the curve: A survey of principal challenges in medical IOT network development	
			Next-Gen Defences: Exploring the frontier of Lightweight cryptography for Medical IoT	
		International Conference on Computing, Circuits, Energy and Materials (ICCEM)	The prediction of cardiovascular disease using hybrid learning: An Integrative approach to data science	25 th March 2025
		2025 International Conference on Machine Learning and Autonomous Systems (ICMLAS)	Video Deepfake Detection: Current Trends, Methodologies, and Future Directions	10-12 March 2025,

S. No .	Name of the Faculty	Congress/Conference/ Seminar /Workshop and Venue	Title of the paper	Date
		Workshop	One day Workshop on Cyber Security	14-03-2025
		PDP	Industry 4.0 and Digital Twin	7.3.2025
		PDP	Digital Forensics using AI and ML	11-01-2025
		FDP	One Week National Level Online Faculty Development Program on Outcome Based Education and Application of Generative AI in Teaching and Research	02 January 2025 to 11 January 2025
			Experts Brainstorming Hub'25 (Digital Forensics using AI and ML)	11.1.2025
		PDP	Role of AI in Transforming Innovation and IP Management	17.12.2024
		PDP	Innovation and Entrepreneurship	2.12.2024
		PDP	Innovations and Entrepreneurship	2-11-2024
		PDP	Transformers in AI: From Data to Dialogue and Personalization	28-11-2024
		PDP	Role of AI In Transforming Innovation and IP Management	17-11-2024
2	Dr.S.Maria Celestin Vigila	International Conference on Innovations in Engineering and Technology,	Enhancing Post-Quantum Cryptographic Key Security: A Machine Learning-Based Entropy Validation Approach	2 nd and 3 rd April, 2025,
		International Conference on Innovations in Engineering and Technology	A Secure Biometric-Enhanced Cryptosystem for Cloud-Based Data Protection	2 nd and 3 rd April, 2025,
		International Conference on Innovations in Engineering and Technology	Securing IoT Data using Attribute Based Encryption	2 nd and 3 rd April, 2025,
		<i>Global Conference in Emerging Technology</i>	An Efficient Deep Learning Model for Content Based Medical Image Retrieval	9 th to 11 th May 2025
		Workshop	One day Workshop on Cyber Security	14-03-2025
		PDP	Role of AI In Transforming Innovation and IP Management	17-11-2024
		PDP	Transformers in AI: From Data to Dialogue and Personalization	28-11- 2024
		Workshop	Workshop on an Insight into Deep Learning	25-09-2024

S. No .	Name of the Faculty	Congress/Conference/ Seminar /Workshop and Venue	Title of the paper	Date
		FDP	Google Cloud Computing Foundations	Aug - October
		FDP	TensorFlow for Machine Learning (Online FDP)	27 Aug 2024 to 31 Aug 2024
		International Conference on Recent Advances in Cloud Computing and Communication Technology	A Comprehensive Study on Cryptography to Secure IOMT Data	2024
		IEEE 16th International Conference on Computational Intelligence and Communication Networks	A Survey on Enhancing Cloud Data Security Using Blockchain Technology	2024
3	Dr. Mary Amala Bai V	International Conference on Innovations in Engineering and Technology (ICIET – 2025),	Secure Multi-Modal User Authentication using Keystroke Analysis and Optimized Biometric Features	April 2025
		International Conference on Innovations in Engineering and Technology (ICIET – 2025),	Enhancing Student Retention: A Data Driven Approach to Dropout Prediction	April 2025
		International Conference on Innovations in Engineering and Technology (ICIET – 2025),	Efficient and Accurate Image Forgery Detection via LSTM Autoencoder Architecture	April 2025
		International Conference on Innovations in Engineering and Technology (ICIET – 2025),	Cervical Cancer Classification and Prediction using Faster R-CNN	April 2025
		International Conference on Innovations in Engineering and Technology (ICIET – 2025),	Fake Image Detection using Deep Learning,	April 2025

S. No .	Name of the Faculty	Congress/Conference/ Seminar /Workshop and Venue	Title of the paper	Date
		PDP	Transformers in AI: From Data to Dialogue and Personalization	28-11-2024
		Workshop	An Insight into Deep Learning	25-9-2024
		FDP	Lifologist- Foundational Program	August - 2024
		International Conference on Communication and Electronics Systems (ICCES)	Multi-Factor Authentication System Using Keystroke Dynamics and Biometric Face Recognition with Feature Optimization	December 2024
4	K Siva Sankar	First International Conference for Women in Computing (InCoWoCo)	A Deep Learning Model for Arrhythmia Detection Using Ultra-Edge IoT Sensors	2024
		15 th International Conference on Computing Communication and Networking Technologies (ICCCNT)	Secure and Privacy-Preserving IoT-Based Arrhythmia Detection with Federated Learning	2024
		International Conference on Innovations in Engineering and Technology	Auto Encoder and Parallel Network Based Deep Learning Architecture for the Enhancement of Underwater Images Enhancement	2025
		International Conference on Innovations in Engineering and Technology	Federated Learning for Privacy-Preserving Medical Image Analysis: A Decentralized Approach	2025
		International Conference on “Developments in Alzheimer’s Disease Treatment and Early Intervention through Cutting Edge Technologies”(INCDAD 2024)	ReiBackNets: Reinforced Backdoor Neural Network for Securing the Healthcare Cloud by finding DOS Attack	2024
4	Dr. T. Brindha	International Conference on Innovations in Engineering and Technology (ICIET – 2025)	Leveraging Hybrid LSTM-GRU Classifiers for Enhanced Security Attack Prediction in Smart Intrusion Detection Systems	03rd April 2025
		International Conference on	A Comprehensive Taxonomy of Smart Agriculture in IoT-Enabled	April 2025

S. No .	Name of the Faculty	Congress/Conference/ Seminar /Workshop and Venue	Title of the paper	Date
		Innovations in Engineering and Technology (ICIET – 2025)	WSN	
		International Conference on Innovations in Engineering and Technology (ICIET – 2025)	An Internet of Things-aided Novel Heart Disease Diagnosis Mechanism using Sparse Autoencoder with Bi-directional LSTM	April 2025
		International Conference on Innovations in Engineering and Technology (ICIET – 2025)	A Literature Survey on Brain Hemorrhage Detection using Machine Learning Models	April 2025
		International Conference on Innovations in Engineering and Technology (ICIET – 2025)	AI-Driven Epilepsy and Seizure Detection: A Future Framework using Deep Learning, IoT, and Edge AI Integration	April 2025
		International Conference on Innovations in Engineering and Technology (ICIET – 2025)	A Case Study on the Performance of Ensemble Models in Melanoma Detection	April 2025
		International Conference on Emerging Trends in Engineering, Management and Applications	A Review and Research Analysis on Clustering Approaches in WSN-IoT	April 2025
		International Conference on Emerging Trends in Engineering, Management and Applications	Emerging Trends in Disease Detection: A Survey of Machine Learning and Deep Learning Approaches	April 2025
		International Conference on Emerging Trends in Engineering, Management and Applications	Inception-Capsnet with GAP: A Novel Approach for Epileptic Seizure Detection Combining Inception and Capsnet	April 2025
		Online FDP	FDP on “Artificial intelligence”	17-3-2025 To 31-3-2025

S. No .	Name of the Faculty	Congress/Conference/ Seminar /Workshop and Venue	Title of the paper	Date
		Workshop	One day Workshop on Cyber Security	14-03-2025
		Workshop	Workshop on an Insight into Deep Learning	25-09-2024
		Workshop	Machine Learning and Deep Learning	22-07-2024 to 26-07-2024
		FDP	WorkflowAutomationwithAlinExcel/Word	16-12-2024 to 20-12-2024
		PDP	Innovations and Entrepreneurship	2-11-2024
		Online FDP	Artificial Intelligence's Impact on Transforming Software, Robotics, Electrical Electronics&Mechanical Fields	5-08-2024 to 10-08-2024
		FDP	Exploring Machine Learning Cyber Security: Tools and Trends	05-08-2024 to 09-08-2024
		7 th International Conference on Circuit Power & Computing Technologies (ICCPCT-2024)	CT Scans Reimagined: early Intracranial Hemorrhage Detection with AI	Aug 2024
5	Dr. Jeyasheela Y	International Conference on Innovations in Engineering and Technology, Noorul Islam Centre for Higher Education, Kumaracoil	Unmasking Misinformation in Healthcare: Spread, Solutions and the Future Directions	2 nd and 3 rd April,2025,
		Workshop	One day Workshop on Cyber Security	14-03-2025
		Workshop	Workshop on an Insight into Deep Learning	25-09-2024
		FDP	WorkflowAutomationwithAlinExcel/Word	16-12-2024 to 20-12-2024
		FDP	Lifologist- Foundational Program	August - 2024
6	Dr.M.P.Jaya Lekhmi	International Conference on Innovations in Engineering and Technology, Noorul Islam Centre for Higher Education, Kumaracoil	Hybrid Cyber Threat Detection Model Using Machine Learning, Deep Learning, Blockchain and Federated Learning for Enhanced Security and Privacy	2 nd and 3 rd April,2025
		Workshop	One day Workshop on Cyber Security	14-03-2025

S. No .	Name of the Faculty	Congress/Conference/ Seminar /Workshop and Venue	Title of the paper	Date
		PDP	Transformers in AI: From Data to Dialogue and Personalization	28-11-2024
		Workshop	Workshop on an Insight into Deep Learning	25-09-2024
		FDP	Lifologist- Foundational Program	August - 2024
7	Dr. T.V.Sindia	International Conference on Innovations in Engineering and Technology, Noorul Islam Centre for Higher Education, Kumaracoil	Hybrid Cyber Threat Detection Model Using Machine Learning, Deep Learning, Blockchain and Federated Learning for Enhanced Security and Privacy	2 nd and 3 rd April,2025
		Workshop	One day Workshop on Cyber Security	14-03-2025
		PDP	Transformers in AI: From Data to Dialogue and Personalization	28-11-2024
		Workshop	Workshop on an Insight into Deep Learning	25-09-2024
		FDP	WorkflowAutomationwithAlinExcel/Word	16-12-2024 to 20-12-2024
8	Mrs.Leena S Watson	International Conference on Innovations in Engineering and Technology, Noorul Islam Centre for Higher Education, Kumaracoil	Hybrid Cyber Threat Detection Model Using Machine Learning, Deep Learning, Blockchain and Federated Learning for Enhanced Security and Privacy	2 nd and 3 rd April,2025
		Workshop	One day Workshop on Cyber Security	14-03-2025
		PDP	Transformers in AI: From Data to Dialogue and Personalization	28-11-2024
		Workshop	Workshop on an Insight into Deep Learning	25-09-2024
		PDP	Innovations and Entrepreneurship	2-11-2024

b) Foreign Faculty/Expert visit to the Department:

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1	Dr S Sebastin Antony Joe	Programme Leader, Department of Computing Sciences, Gulf College	Oman	2 nd and 3 rd April 2025	International Conference on Innovations in Engineering and Technology

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty member	Role	Event	Title	Venue & Date
1.	Dr.R.Mathusoothan a.S.Kumar	Technical Reviewer	International Conference on Innovations in Engineering and Technology		NICHE, 2 nd and 3 rd April 2025.
		Convenor	International Conference on Innovations in Engineering and Technology		NICHE, 2 nd and 3 rd April 2025.
		Technical reviewer	International conference ICETEAS 2025		NICHE, 3 rd and 4 th April 2025.
		Technical Session Chair	International conference ICETEAS 2025		NICHE, 3 rd and 4 th April 2025.
2	Prof.A.R.Subramonia Iyer	Resource Person	Seminar	Cyber Security	Providence College of Engineering, Chengannur, 14/01/2025
		Resource Person	Seminar	Cyber Security	Vimal Jyothi Engineering College, Kannur
		Resource Person	Seminar	Cyber Security	Dr.Ambedkar Institute of Technology, Bangalore.
2	Dr.S.Maria Celestin Vigila	Technical Reviewer	International Conference on Innovations in Engineering and Technology		NICHE, 2 nd and 3 rd April 2025.
		Session Chair	International Conference on Future of Connected Systems – Iot, Ai & 5g		NICHE, 2 nd May 2025
		Session Chair	International Conference on Control, Instrumentation, Communication and Computational		NICHE, 24 th and 25 th April 2025.

S. No.	Name of the Faculty member	Role	Event	Title	Venue & Date
			Technologies (ICCICCT-2025)		
3	Dr.V.Mary Amala Bai	Technical Reviewer	International Conference on Innovations in Engineering and Technology		NICHE, 2 nd and 3 rd April 2025.
		Session Chair	International Conference on Future of Connected Systems – Iot, Ai & 5g		NICHE, 2 nd May 2025
4	Dr.T.Brindha	Technical Reviewer	International Conference on Innovations in Engineering and Technology		NICHE, 2 nd and 3 rd April 2025.
		Session Chair	International Conference on Future of Connected Systems – Iot, Ai & 5g		NICHE, 2 nd May 2025
5 6	Dr.K.Siva Sankar Dr.Y.Jeyasheela	Technical Reviewer	International Conference on Innovations in Engineering and Technology		NICHE, 2 nd and 3 rd April 2025.
		Technical Reviewer	International Conference on Circuit Power and Computing Technologies-2024		Baselios Mathews II College of Engg, 8 th and 9 th August 2024
		Session Chair	International Conference on Circuit Power and Computing Technologies-2024		Baselios Mathews II College of Engg, 8 th and 9 th August 2024
		Technical Reviewer	International Conference on Innovations in Engineering and Technology		NICHE, 2 nd and 3 rd April 2025.
		Session Chair	International Conference on Future of Connected Systems – Iot, Ai & 5g		NICHE, 2 nd May 2025

S. No.	Name of the Faculty member	Role	Event	Title	Venue & Date
7	Dr.M.B.Jaya lekshmi	Technical Reviewer	International Conference on Circuit Power and Computing Technologies-2024		Baselios Mathews II College of Engg,8 th and 9 th August 2024
		Session Chair	International Conference on Circuit Power and Computing Technologies-2024		Baselios Mathews II College of Engg,8 th and 9 August 2024
		Technical Reviewer	International Conference on Innovations in Engineering and Technology		NICHE,2 nd and 3 rd April 2025.
		Session Chair	International Conference on Future of Connected Systems – Iot, Ai &5g		NICHE, 2 nd May 2025
8	Dr.T.V.Sindia	Technical Reviewer	International Conference on Innovations in Engineering and Technology		NICHE,2 nd and 3 rd April 2025.
		Session Chair	International Conference on Future of Connected Systems – Iot, Ai &5g		NICHE, 2 nd May 2025
		Session Chair	International Conference on Control, Instrumentation, Communication and Computational Technologies (ICCICCT-2025)		NICHE, 24 th and 25 th April 2025.
9	Ms.Leena S Watson	Technical Reviewer	International Conference on Innovations in Engineering and Technology		NICHE,2 nd and 3 rd April 2025.

7. Details of Seminars, Conferences, Refresher courses, Webinars Organised:

S. No.	Name of the Faculty member	Congress/Conference/ Seminar/ Workshop/Symposia , Webinars etc. organised	State/National/ International Level	Date
1	Dr.R.Mathusoothana. S.Kumar(convenor)	Seminar On Campus On Boarding	National Level	19-07-2024
		Seminar On "Ethical hacking And Cyber Security"	National Level	16-08-2024
		Seminar on "Internet of Things"	National Level	10-09-2024
		Workshop on "An Insight into Deep learning"	National Level	25-09-2024
		Seminar on"AGI: The Next Frontier in Human-AI Collaboration"	National Level	10-10-2024
		Natioanl Level Technical Symposium	National Level	25-10-2024
		Seminar on" Imapct of Education"	National Level	11-11-2024
		PDP on"Transformers in AI:From Data to Dialogue and Personalization"	National Level	28-11-2024
		Guest Lecture on Machine Learning And Intelligent Systems	National Level	23-01-2025
		Workshop on Cyber Security	National Level	14-03-2025
		International Conference on Innovations in Engineering and Technology	International	02-04-2025 to 03-04-2025
2	Dr. S Maria Celestin Vigila	Seminar on "Internet of Things"	National Level	10-09-2024
		Seminar on"AGI: The Next Frontier in Human-AI Collaboration"	National Level	10-10-2024
		Natioanl Level Technical Symposium	National Level	25-10-2024
		PDP on"Transformers in AI:From Data to Dialogue and Personalization"	National Level	28-11-2024
		Workshop on Cyber Security	National Level	14-03-2025
3	Dr.V.Mary Amala Bai	Seminar On "Ethical hacking And Cyber Security"	National Level	16-08-2024
		Workshop on "An Insight into Deep learning"	National Level	25-09-2024
		International Conference on Innovations in Engineering and Technology	International	02-04-2025 to 03-04-2025

S. No.	Name of the Faculty member	Congress/Conference/ Seminar/ Workshop/Symposia , Webinars etc. organised	State/National/ International Level	Date
4	Dr.K.Siva Sankar	Seminar On Campus On Boarding	National Level	19-07-2024
		Seminar on" Imapct of Education"	National Level	11-11-2024
		Guest Lecture on Machine Learning And Intelligent Systems	National Level	23-01-2025
5	Dr. T. Brindha	Seminar On "Ethical hacking And Cyber Security"	National Level	16-08-2024
		Workshop on "An Insight into Deep learning"	National Level	25-09-2024
		International Conference on Innovations in Engineering and Technology	International	02-04-2025 to 03-04-2025
6	Dr. Y.Jeyasheela	Seminar on "Internet of Things"	National Level	10-09-2024
		Seminar on"AGI: The Next Frontier in Human-AI Collaboration"	National Level	10-10-2024
		Natioanl Level Technical Symposium	National Level	25-10-2024
		PDP on"Transformers in AI:From Data to Dialogue and Personalization"	National Level	28-11-2024
		Workshop on Cyber Security	National Level	14-03-2025
7	Dr. M.B.Jeyalekshmi	Seminar On Campus On Boarding	National Level	19-07-2024
		Seminar on" Impact of Education"	National Level	11-11-2024
		Guest Lecture on Machine Learning And Intelligent Systems	National Level	23-01-2025
8	Dr.T.V.Sindia	Seminar On Campus On Boarding	National Level	19-07-2024
		Seminar on" Imapct of Education"	National Level	11-11-2024
		Guest Lecture on Machine Learning And Intelligent Systems	National Level	23-01-2025
9	Mrs.Leena S.Watson	Seminar On "Ethical hacking And Cyber Security"	National Level	16-08-2024
		Workshop on "An Insight into Deep learning"	National Level	25-09-2024
		International Conference on Innovations in Engineering and Technology	International	02-04-2025 to 03-04-2025

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus /SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
1.	Abdul Muhammed Rasheed, Mathusoothana S Kumar	Improved Lightweight Image Encryption and Decryption for Medical IoT Devices Using 6D Chaotic Maps with XOR Diffusion, Permutation and Substitution	Journal of Electrical Systems, 1112-5209, Scopus	Vol.20	2024	pp.2689-2698
2.	Abdul Muhammed Rasheed, Mathusoothana S Kumar	Efficient lightweight cryptographic solutions for enhancing data security in healthcare systems based on IoT	Front. Comput. Sci., 2624-9898, ESCI	Vol. 7	2025	pp.1-22
3.	Ansar H, Mathusoothana S Kumar R	Deepfake Video Forensics: A Hybrid Deep Learning Model for Detecting Deepfake Faces in Videos	International journal of intelligent engineering & systems	Vol. 18, No. 6	2025	PP.330-349
4.	Mitha Rachel Jose and S. Maria Celestin Vigila	Hybrid Tasmanian Devil and Elephant Herding Model-Based Optimal Cluster Head Selection and Routing in MANET	IETE Journal of Research, 0974-780X, SCI	Vol.70, No.10	2024	pp.7938-7954
5.	Pramod Chathampally and V. Mary Amala Bai	Beyond Pixels: Exploring Deep Learning Methods for	SSRG International Journal of Electronics	Vol. 11 No. 8	2024	pp. 227-243

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus /SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
		Image Forgery Detection	and Communication Engineering, 2348-8549 Scopus			
6.	Arathi Chandran R I and V Mary Amala Bai	Optimizing Breast Cancer Recurrence Forecasting Using ANOVA Feature Selection and GRU Models	SSRG International Journal of Electronics and Communication Engineering, 2348-8549 Scopus	Vol. 11. No. 11	2024	pp.213–227
7.	Priya S. A, Mary Amala Bai. V	Variable Kernel Feature Fusion and Transfer Learning for Pap Smear Image- Based Cervical Cancer Classification	SSRG International Journal of Electronics and Communication Engineering, 2348-8549 Scopus	Vol. 11, No. 11	2024	pp. 228-243
8.	P. Anusha, V. Mary Amala Bai	Next-generation offloading using hybrid deep learning network for adaptive mobile edge computing	International Journal of Electrical and Computer Engineering, 2088-8708 Scopus	Vol. 15, No. 2	2025	pp. 1924-1932
9.	K.Siva Sankar	Energy Distribution Based Dual Image Data Hiding with Weightage Mapping of Secret Data	International Journal of Electronics and Communication Engineering, 2348-8549 Scopus	Vol. 11, No.11	2024	pp.244-256
10.	K.Siva Sankar	An Energy-efficient ensemble clustering	International journal of Advanced Intelligence	Vol. 29, No. 1	2024	pp.1-16

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus /SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
		based on multiple disjoint and nonlinear structures for wireless sensor network	Paradigms, 1755-0394 Scopus			
11.	Juliet A. Murali, Brindha T	A Multi-Objective Clustered Input Oriented Salp Swarm Algorithm in Cloud Computing	CMC-Computers, Materials & Continua, 1546-2218 SCIE	Vol.81, No.3	2024	pp. 4659 - 4690

9. Details of patents applied/awarded:

S.No.	Name of the Faculty member	Title	Date of filing	Application No.	Award No.
1	R.Mathusoothana S Kumar	Hybrid Network Intrusion Detection Framework Using CNN-Based Ensemble Classifier with Wireshark and Honeypot	13 th September 2024	202441066485	
2	R.Mathusoothana S Kumar	Optimizing Cyber Defense by Integrating Snort with Darktrace for Enhanced Threat Analysis	4 th October 2024	202441072602	
2	T. Brindha	Smart Luminescent Multifunctional Headwear	10 th June 2024	6369348	

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1	Mrs.D.S.Jayakumari Dr.R.Mathusoothana S. Kumar Dr.P.Venkadesh Dr.S.V.Divya	Computer Networks ISBN: 978-81-980078-9-6	SAN International Scientific publications	October 28 th 2024

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO.	Name of the Programme / Branch of study	Sanct ioned Stren gth	Enrolment during 2024-25		Tota l	Community														Existing Students, Strength								Pass Percen tage of out going batch
			F	M		OC		BC		BCM		MBC/ DNC		SC		SCA		ST		II year		III year		IV year				
						M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
1	B.Tech. IT	30	12	18	30	4	1	9	10	2	1	2	0	1	0	0	0	0	0	14	5	26	4	18	2	85.72		
2	B.Sc. Cyber Forensics	25	8	7	15	0	1	5	4	0	0	1	0	1	1	0	0	0	2	0	5	1	0	-	-	100		
3	M.E. Cyber Security	12	3	4	7	2	1	2	2	0	0	0	0	0	0	0	0	0	0	3	1	-	-	-	-	100		
4	Ph.D Programme	38	3	0	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	2	6	2	4	3	4	63.15		
5	Diploma Certificate add on Courses (if any)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
6	MOOC/SWA YAM/NPTEL/ UGC online courses offered	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-		
	Total	105	26	29	53	6	4	16	18	2	1	3	0	2	1	0	0	0	2	19	17	40	8	21	6			

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	
1	B.Tech. IT	Indian	Kerala	12	4	16
2	B.Sc. Cyber Forensics	Indian	Kerala	5	8	13
3	M.E. Cyber Security	Indian	Kerala	2	1	3

13. U.G./P.G. and Research degrees awarded:

S. No	UG		P.G.		Ph.D.		
		Total		Total	FT	PT	Total
	12	12	02	02	-	-	-

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded :

S. No.	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1	Nil				

15.Scholarships Awarded:

S. No.	Nature of Scholarship	P.G.		Ph.D.		Total Amount Rs.	
		M	F	M	F		
1	B.C.(State)	Nil					
2	B.C.M.(State)						
3	M.B.C./D.N.C.(State)						
4	SC/SCA/ST(National)						
5	SC/SCA/ST(State)						
6	AICTE/UGC Scholarships						
7	Management Scholarships						
8	Loan Scholarship						
9	Moovalur Ramamirtham Ammaiyar Scheme						
10	'Pudhumai Penn' (modern woman)						
11	Tamiz Puthalvan						
12	Others (please Specify the scholarship)						
	Total						

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App	Pas s	App	Pas s	App	Pas s	App	Pas s	App	Pas s	App	Pas s	App	Pa ss	App	Pa ss
1	IT	-	-	29	11	19	6	19	9	30	23	30	23	20	15	19	18
2	BSc (CF)	15	4	13	7	5	3	5	5	-	-	-	-	-	-	-	-
3	M.E (CY)	4	1	4	1	4	3	4	3	-	-	-	-	-	-	-	-

17. Placement Details:

Name of the Placement co-ordinator: Dr. T.V. Sindia			
Phone/Mobile Number :e-mail: sindiatv@gmail.com			
Number of Placement Programmes: 1			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	5	1
2	Number of Placements obtained through Campus Interview	4	1
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	5/18	1/2

18. Outstanding achievements by the Faculty Members:

S. No.	Name of the Faculty	Achievements	Agency
1	Dr. R. Mathusoothana S. Kumar	Elite Award	NPTEL Online Certification [Fundamentals of Artificial Intelligence]
		Certificate of Appreciation [ASCEND 2025]	remarkable contribution in research, innovation and institutional advancement, University level
2	Dr. S. Maria Celestin Vigila	Elite Award	NPTEL Online Certification [Google Cloud Computing Foundation]
		Certificate of Appreciation [ASCEND 2025]	remarkable contribution in research, innovation and institutional advancement, University level
3	Dr. V. Mary Amala Bai	Certificate of Appreciation [ASCEND 2025]	remarkable contribution in research, innovation and institutional advancement, University level
4	Dr. K. Siva Sankar	Certificate of Appreciation [ASCEND 2025]	remarkable contribution in research, innovation and institutional advancement, University level
5	Dr. T. Brindha	Elite Award	NPTEL Online Certification [Cloud Computing]
		Certificate of Appreciation [ASCEND 2025]	remarkable contribution in research, innovation and institutional advancement, University level

S. No.	Name of the Faculty	Achievements	Agency
6	Dr. Y. Jeyasheela	Elite Award	NPTEL Online Certification [Cloud Computing]
		Certificate of Appreciation [ASCEND 2025]	remarkable contribution in research, innovation and institutional advancement, University level
7	Dr. M.B.Jayalekshmi	Certification	NPTEL Online Certification [Cloud Computing]
		Certificate of Appreciation [ASCEND 2025]	remarkable contribution in research, innovation and institutional advancement, University level
8	Dr. T.V Sindia	Certification	NPTEL Online Certification [Cloud Computing]

19. Outstanding achievements by Students:

S.No.	Name of the Student	Achievements	Agency
1	Nithisa Devi	Others – Sports 2 nd in Jauvelin Throw	Tamilnadu State level inter university NICHE 2 nd Athletics Championship for Men & Women 2025
2	Nithisa Devi	2 nd in Hammer Throw	Tamilnadu State level inter university NICHE 2 nd Athletics Championship for Men & Women 2025
3	Plasius Roy	Bronze medal in weightlifting – 89 kg event	In Regional level competition for the chief minister's trophy

20. Department Meetings Held : BOS,Programe Committee, Course Committee etc.

S.No	Name	Date	
1.	BOS	22-02-2025	Mid Board of studies meeting
		30-5-2025	Board of studies meeting
2	Programe Committee		
	2024 – 2025 ODD		
1	Programme Committee – S5IT,S7IT (UG)	06/08/2024	I meeting
		30/09/2024	II meeting
		11/11/2024	III meeting

S.No	Name	Date	
2	Programme Committee- S3IT (UG)	28/08/2024	I meeting
		09/10/2024	II meeting
		21/11/2024	III meeting
3	Programme Committee-S1 M.E (PG)	07/11/2024	I meeting
		02/12/2024	II meeting
		22/01/2025	III meeting
4	Programme Committee- S3 M.E (PG)	29/08/2024	I meeting
		15/10/2024	II meeting
		19/11/2024	III meeting
5	Programme Committee- S1 B.Sc (UG)	07/11/2024	I meeting
		02/12/2024	II meeting
		22/01/2025	III meeting
6	Class Committee –S3 IT (UG)	29/07/2024	I meeting
		07/09/2024	II meeting
		22/10/2024	III meeting
		28/11/2024	IV meeting
7	Class Committee –S5 IT (UG)	08/07/2024	I meeting
		23/08/2024	II meeting
		14/10/2024	III meeting
		21/11/2024	IV meeting
8	Class Committee –S7 IT (UG)	08/07/2024	I meeting
		23/08/2024	II meeting
		14/10/2024	III meeting
		21/11/2024	IV meeting
9	Class Committee –S1 B.sc (UG)	29/07/2024	I meeting
		09/09/2024	II meeting
		23/10/2024	III meeting
		05/12/2024	IV meeting
10	Class Committee – S3 B.Sc (UG)	29/07/2024	I meeting
		09/09/2024	II meeting
		23/10/2024	III meeting
		05/12/2024	IV meeting
11	Class Committee –S1 M.E (PG)	03/10/2024	I meeting
		29/11/2024	II meeting
		19/12/2024	III meeting
		27/01/2025	IV meeting
12	Class Committee –S3 M.E (PG)	29/07/2024	I meeting
		09/09/2024	II meeting
		23/10/2024	III meeting
		05/12/2024	IV meeting
2024-2025 EVEN			
1	Programme Committee-S4IT, S6I (UG)	12/02/2025	I meeting
		17/03/2025	II meeting
		07/05/2025	III meeting
2		27/02/2025	I meeting

S.No	Name	Date	
	Programme Committee-S8IT (UG)	20/03/2025	II meeting
		28/04/2025	III meeting
3	Programme Committee- S2 B.Sc (UG)	21/03/2025	I meeting
		29/04/2025	II meeting
		10/06/2025	III meeting
4	Programme Committee- S4 B.Sc (UG)	14/02/2025	I meeting
		17/03/2025	II meeting
		06/05/2025	III meeting
5	Programme Committee - S2 M.E (PG)	21/03/2025	I meeting
		29/04/2025	II meeting
		10/06/2025	III meeting
6	Class Committee –S4 IT (UG)	08/01/2025	I meeting
		25/02/2025	II meeting
		27/03/2025	III meeting
		14/05/2025	IV meeting
7	Class Committee –S6 IT (UG)	09/01/2025	I meeting
		17/03/2025	II meeting
		04/04/2025	III meeting
		20/05/2025	IV meeting
8	Class Committee –S8 IT (UG)	13/02/2025	I meeting
		10/03/2025	II meeting
		26/03/2025	III meeting
		30/04/2025	IV meeting
9	Class Committee –S2 M.E (UG)	27/02/2025	I meeting
		04/04/2025	II meeting
		20/05/2025	III meeting
		20/06/2025	IV meeting
10	Class Committee –S2 B.sc (UG)	27/02/2025	I meeting
		04/04/2025	II meeting
		20/05/2025	III meeting
		20/06/2025	IV meeting
11	Class Committee –S4 B.sc	09/01/2025	I meeting
		25/02/2025	II meeting
		27/03/3035	III meeting
		14/05/2025	IV meeting
4	Others Department Meeting	31-07-2024	
		27-08-2024	
		28-09-2024	
		29-10-2024	
		29-11-2024	
		14-12-2024	
		27-01-2025	
		22-02-2025	
		22-03-2025	
		30-04-2025	
		17-05-2025	
		27-06-2025	

21. Infrastructure and Research facilities available (Please specify equipments more than Two Lakhs Only) :

S. No	Name of the Lab	Name of the Equipments/Computer/Software/ Others	Quantity	Purpose Research/Practical
1	Advanced Artificial Intelligence Lab	Computers		
		i7-12700 / 2.10-GHz / 500 GB NVMe M.2 SSD / 16 GB DDR4 RAM / 22' LED Monitor / Wireless Keyboard and Mouse.	35	Practical
		Projector		
		Epson LCD projector	1	
		Scanner		
		HP 3770 Scanner	1	
		Camera		
		Zebranics web camera	10	
		D-Link web camera	10	
		Logitech web camera	10	
		Switch		
		Digisol 24 port fibre switch	4	
2	System Programming Lab	Computers		
		i7-12700 / 2.10-GHz / 500 GB NVMe M.2 SSD / 16 GB DDR4 RAM / 22' LED Monitor / Wireless Keyboard and Mouse.	15	Practical
		I5-9400, 2.9 GHZ/4 GB DDR3 RAM/ 1 TB HDD/19.5" Monitor/ Keyboard and Mouse	15	
3	Cyber Forensics Lab	Computers		
		ACER UX.V0981.011 I3/2GB/500 GB DOS.INTEL I3-3220 3 RD GEN./6GB DDR3/500 GB/USB KEYBOARD+ OPTICAL MOUSE/DOS.ACER 18.5' V196 HQL LED MONITOR OEM 22X SATA DVDRW.	10	Practical
		LENOVO i7-12700 / 2.10-GHz / 512 GB NVMe SSD HDD / 16 GB RAM /LENOVO 19.5" LED Monitor / Keyboard and Mouse.	12	Practical
		I5-9400, 2.9 GHZ/4 GB DDR3 RAM/ 1 TB HDD/19.5" Monitor/ Keyboard and Mouse	5	Practical
		I3-10110,3.6 GHZ/256 SSD/4 GB DDR4 RAM/19" LED Monitor/Keyboard and Mouse	3	Practical
		Lenovo H30-50 i3, 3.50 GHZ/4 GB RAM/500 GB HDD/ 18.5" Lenovo LED Monitor/Keyboard and Mouse	2	Practical
		Softwares		
		CDR Analyser V1.0	1	

		SIMXtrator V1.0	5	
		Cybercheck Suite V 4.0 on CD	2	
		Truelmager V2.0	1	
		Netforce Suite V3.0	1	
		MobileCheck V4.1	1	
		WinLift	1	
		Switch		
		24 port Fibre Network Switch	2	

22. Extension activities carried out :

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	NSS			
2	NCC	Jenani S,Vaishnavi Devi R (TN) Naval Combined Annual Training Camp First Prize in Solo Dance Jenani S,Vaishnavi Devi R (TN) Naval Combined Annual Training Camp Second prize in Group Dance	02.11.2024 to 11.11.2024 10.06.2025 to 19.06.2025	V.O Chidambaram College,Thoothukudi Vivekananda College of Education, Agasteeswaram
3	YRC			
4	Community engagement	Blood donation (Mohammed Thoufiq A, Faiz J)	21.08.2024	Padmanabhapuram
5	Governemnt Programmes			
6	National and International days observed			
7	Others	Cleanliness Drive	15-05-2025	Thirparappu

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library: Dr. T.V. Sindia

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	1274	7	No. of titles available	0
2	Books added during the year 2024-25	nil	8	No. of CDs and Digital Books Available	65
3	No. of Indian Journals/Magazines	0	9	No. of Foreign Magazines/Journals	0

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
4	No. of data bases available	0	10	No. of Online Journals	0
5	Average No. of students visiting the Library per day	2	11	Average No. of books Issued per day	1
			12	No. of digital books	0
6	Availability of Internet (Specify the Capacity) (e.g. – 8 Mbps etc.,)	1Gbps	13	Availability of Language Lab	-
			14	NDL membership 1. Faculty members 2. Students	Nil

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.
1	Digital Projector	Inforcus IN104	1
2	Hitachi Star Board	FX-77 1573 x 1800 mm of screen size IR wavelength – 880 mm	1
3	Speaker		2
4	Amplifier		1
5	Collar Mic		1
6	Handheld Mic		1
7	Ceiling Mount Kit for projector	15mtr VGA cable	1
8	Laptop	Intel Clre 13-28050 2B/DDR3	1
9	TV	SPECTRON LED TV	1

25. Collaborative Researches : Nil

26. Consultancies undertaken : nil

27. No. of NET/SET/GATE/CSIR Other Compentetive Examinations Qualified students:
Nil

28. MOUs signed :

S.No	Date	MoU signed with	Number of Activities	Remarks
1	02.09.2024	Karka Software Academy	-	-
2.	20.03.2025	IronCloud Technologies	01	Value added course

29. Innovations and Best Practices :

S.No	Innovation and Best Practices	Name of the Programme	Date
1	ICT tools used	Workshop on “ Cyber security” PDP on “Transformers in AI: From Data to dialogue and Personalization”	14-3-2025 28-11-2024
2	Teaching and learning initiatives	Workshop on “ An Insight into Deep Learning” Guest Lecture on “Machine Learning and Intelligent Systems” Five Days FDP on “ Mastering the Technologies Shaping Education and Industry”	25-9-2024 23-01-2025 19-5-2025 to 23-5-2025
4	Eco friendly and sustainable practices		
5	Industrial and Academic connect activities	Seminar on Campus Onboarding	19-7-2024

S.No	Innovation and Best Practices	Name of the Programme	Date
		Seminar on Ethical Hacking and Cyber Security	16-8-2024
		Seminar on Internet of Things	10-9-2024
		Seminar on “AGI: The Next Frontier in Human- AI Collaboration”	10-10-2024
		Seminar on “Impact of Education”	11-11-2024

30. Academic Flexibility :

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed
1	Practical Cyber Security for Cyber Security Practitioners	NPTEL	9	9

31. Membership in professional bodies:

S.No	Name of the Professional Body	No. of members
1	ISTE	02

32. Alumni Meetings held:

S.No	Date	Purpose
1	16-08-2024	Alumni Student Interaction
2	28-04-2025	Alumni Student Interaction

33. Any other Information:

NAME OF THE DEPARTMENT: MARINE ENGINEERING

1. Department Details :

Name of the Faculty	Dr. S. John Leon
Name of the HoD, Phone No. and E-mail ID	9443606221, sjohnleon@gmail.com
Year of Establishment	2008
Telephone Number	
Website / E mail	

2. Details of Faculty Members and Supporting staff:

S. No.	Name of the Faculty Members and Supporting staff	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
1.	Prof. S. Muthukumara perumal	B.E. (Mech), MEO Class-I (M)	Professor	Marine Engineering	1 year		mnakull@gmail.com 9442242211
2.	Prof. K. Sreekumar	MEO Class-I (M)	Course Incharge	Marine Engineering	3 Years 6 Months		sreemandiram@gmail.com 9249266466
3.	Dr. S. John Leon	M.E. (Thermal), Ph.D.	Associate Professor	Thermal Engineering	34 Years	12 Years	sjohnleon@gmail.com / 9443606221
4.	Prof. Captain S. Vijayan Pillai	MBA (Marketing) Foreign going Master Mariner	Assistant Professor	IMO Regulations	12 Years	--	svpillai8@gmail.com / 9946287141
5.	Mr. J. Jesin Jude Leonard	B.E. (Mech) MEO Class-I (M)	Assistant Professor	Auxiliary Machines	9.7 Years	--	jesinjude.leonard@gmail.com / 9442644908
6.	Dr. V. K. Jebasingh	M.E. (Engineering Design), Ph.D.	Associate Professor	Design Engg.	16.3 Years	16.3 Years	jebasingh@live.in / 9488500504
7.	Dr. K. S. Jai Aultrin	M.E. (Manufacturing Engineering), Ph.D.	Associate Professor	Manufacturing Engineering	18.3 Years	14.3 Years	aultrin2010@gmail.com / 7598236159
8.	Mr. A. K. Ratheesh	M.E. (Thermal)	Assistant Professor	Thermal Engg	17 Years	10 Years	ratheeshudhaya2@gmail.com / 9600277105
9.	Mr. M. Muniasamy	B.E. (Marine)	Assistant Professor	Seamanship, Navigation	5.5 Years	--	munishsailor@gmail.com / 7373555565

S. No.	Name of the Faculty Members and Supporting staff	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
10.	Mr. D. Pray Gift	B.E. (Marine)	Assistant Professor	Marine Engg.	3.6 Years	--	praygift@gmail.com 9585127576
11.	Mr. A. Ramesh	M.E. (Marine)	Assistant Professor	Marine Engg.	10 Years	6 Years	Marinerrameshi4u@gmail.com 9566959382
12.	Mr. Franklin Antony Libin	B.E. (Marine)	Assistant Professor	Marine Engg.	1 Year	--	franklinlibin@gmail.com 9787676430
13.	Mr. S.H Vishnu	B.E. (Marine), M.Tech. (Ocean Engg.)	Assistant Professor	Ocean Engg.	8 years	--	vishnush1990@gmail.com / 9746925009
14.	Mr. A. Muthukrishnan	I.T.I - Machinist	Instructor	Marine Workshop			Kaalakandan22@gmail.com 9444679660
15.	Mr. D. Ramkumar	10 th Std	Lab Assistant	Marine Seaman ship			9442788943
16.	Mr. Thomas DusNevies	Diplomo in Air Conditioning	Lab Assistant	Ship in Campus			dusnevies@gmail.com 9367521471
17.	Mr. Medavan Pillai	10 th Std	Lab Assistant	Ship in Campus			Madevanpillai05@gmail.com 8903532228

3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		Chapters / Books		API		Ph.D. awarded		Cumulative Scholars
		24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	Ph.D.
1.	Prof. S. Muthukumaraperumal									150	150			
2.	Prof. K. Sreekumar									150	150			
3.	Dr. S. John Leon	3	3	2	6	5	14	2	2	200	202.5			
4.	Prof. Captain S. Vijayan Pillai									150	150			

S. No.	Name	h index		Publications		Citations		Chapters / Books		API		Ph.D. awarded		Cumulative Scholars
		24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	Ph.D.
5.	Mr. J. Jesin Jude Leonard									150	150			
6.	Dr. V. K. Jebasingh	4	4	4	16	85	434			322.5	270	Nil	Nil	3
7.	Dr. K. S. Jai Aultrin	7	7	Nil	24		104	2	3	342.5	283	Nil	1	3
8.	Mr. A. K. Ratheesh									227.5	228.75			
9.	Mr. M. Muniassamy									175	170			
10.	Mr. D. Pray Gift									180	175			
11.	Mr. A. Ramesh									195	185			
12.	Mr. A. Vikramoorthy									150	150			
13.	Mr. J.S. Febin									150	150			
14.	Mr. S.H. Vishnu									167.5	167.5			

4.. Research Schemes/Projects undertaken and applied for:

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
Nil						

5. a) Participation of the Faculty members, presentation of papers in Congresses/Conferences/Seminars/Workshops, Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference / Seminar /Workshop and Venue	Title of the paper	Date
1	Dr. V.K. Jebasingh	Conference Name: International Conference on	Paper Title: Characteristic Study on Hybrid	24 th to 26 th April 2025 Chennai

S. No.	Name of the Faculty	Congress/Conference / Seminar /Workshop and Venue	Title of the paper	Date
		Sustainable Materials and Technologies (ICSMT 2025)	Heat Transfer Fluid with the Addition of Magnesium Oxide Nanofluid for Solar Energy Absorption	Institute of Technology, Sarathy Nagar, Kundrathur, Chennai
2.	Dr. V.K. Jebasingh	Conference Name: International Conference on Sustainable Materials and Technologies (ICSMT 2025)	Paper Title: Review on Impact of Phase change materials in solar thermal energy absorption with modern technology for various heating applications	24 th to 26 th April 2025 Chennai Institute of Technology, Sarathy Nagar, Kundrathur, Chennai
3.	Dr. V.K. Jebasingh	Conference Name: International Conference on Sustainable Materials and Technologies (ICSMT 2025)	Paper Title: Thermal and Wind Action Study on Supporting Structure of Composite SPTC with different collector orientation angles	24 th to 26 th April 2025 Chennai Institute of Technology, Sarathy Nagar, Kundrathur, Chennai
4.	Dr. V.K. Jebasingh	Conference Name: AICTE AQIS Scheme-GOC Scheme Sponsored National Conference on Innovative Trends in Science, Engineering, Technology and Management (NCITSETM-25)	Paper Title: Numerical Simulation study on thermal properties of Marine IC engine Exhaust V alves	14 th & 15 th May 2025 Shree Venkateshwara Hi-Tech Engineering College, Gobichettipalay am, Erode.
5.	Dr. K.S. Jai Aultrin	Conference Name: International Conference on Science, Engineering and Technology (ICSET-2024)	Paper Title: An Examination of The Fused Deposition Method of 3D Printing's Effect On Polylactide Fatigue.	24 th & 25 th October 2024 PSN Engineering College, Melathediyoar, Tirunelveli
6.	Dr. K.S. Jai Aultrin	Conference Name: Second International Conference on Biopolymer, Smart Materials and	Paper Title: Reliable IoT- with Machine learning based Monitoring and Control of	22 nd & 23 rd November 2024 Kombolcha Institute of Technology,

S. No.	Name of the Faculty	Congress/Conference / Seminar /Workshop and Venue	Title of the paper	Date
		Engineering Materials 2024 (ICBSEM2024)	Hydroponic Systems	Ethiopia
7.	Dr. K.S. Jai Aultrin	Conference Name: Second National Conference on Advances in Sciences and Technology for Regenerative Agriculture (ASTRA-2024)	Paper Title: Advances in CO ₂ Capture Technologies: Transforming Industrial Emissions into Sustainable Solutions	19 th & 20 th December 2024 Bannari Amman Institute of Technology, Sathyamangalam, Erode
8.	Dr. K.S. Jai Aultrin	Conference Name: International Conference on Advances in Additive Manufacturing Technologies (ICAAMT 2024)	Paper Title: Studies on Mechanical and Thermal Properties of Melamine Polyethylene Foam Reinforced Hybrid Sandwich Composition With FEA Simulation.	19 th & 20 th December 2024 Chennai Institute of Technology, Chennai
9.	Mr. A.K. Ratheesh	National Conference on Aeronautical and Space Technology (NCAST 2025)	Development And Characterization Of Fire-Retardant Composite Materials	22-04-2025
10.	Dr. A. Ramesh	Third International Conference on Advances in Mechanical Engineering Transcending Boundaries.	Investigating the Influence of TIG Welding Parameters of AA5086 by Acoustic Emission and GBMABC Algorithm	24 th May 2025

b) Foreign Faculty/Expert visit to the Department:

S. No.	Name & Designation	Institute	Country	Duration	Purpose
Nil					

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty member	Role	Event	Title	Venue & Date
1.	Dr. A. Ramesh	Guest Lecture	ATC Camp 2025	Drone Technology	Vivekananda College on 14-06-2025

7. Details of Seminars, Conferences, Refresher courses, Webminars Organised:

S. No.	Name of the Faculty member	Congress/Conference/ Seminar/ Workshop/Symposia ,Webmniars etc. organised	State/National/ International Level	Date
1	Dr. V. K. Jebasingh	Guest Lecture	State Level	19/07/2024
2	Dr. V. K. Jebasingh	Seminar	State Level	27/09/2024
3	Dr. V. K. Jebasingh	Seminar	State Level	18/12/2024
4	Dr. V. K. Jebasingh	Workshop	State Level	29/01/2025
5	Dr. V. K. Jebasingh	Seminar	State Level	03/02/2025
6	Dr. V. K. Jebasingh	Guest Lecture	State Level	26/03/2025
7	Dr. V. K. Jebasingh	Symposium	National Level	04/04/2025
8	Dr. V. K. Jebasingh	National Maritime Day	State Level	05/04/2025
9	Dr. V. K. Jebasingh	PDP	State Level	16/04/2025
10	Dr. V. K. Jebasingh	Workshop	National Level	22/05/2025 to 24/05/2025

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/SCI/UGC care	Volume No. Issue No.	Year of Publication	Page (pp)
1.	Dr. S. John Leon & Dr. A. Ramesh	Mechanical and Microstructural Investigation of Multi-Layered Inconel 825 wall fabricated using CMT-based WAAM	ISSN: 2949–9178 / Scopus / Journal of Alloys and Metallurgical Systems	8	October 2024	1-8
2.	Dr. S. John Leon	Mechanical Properties, Viscoelastic and Water Absorption Properties of Biocarbon-Reinforced Composites	ISSN: 2321–2810 / ESCI, WoS/ Journal of Polymer and Composites	13	January 2025	145-157

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/SCI/UGC care	Volume No. Issue No.	Year of Publication	Page (pp)
3.	Dr. V.K. Jebasingh	Heat Absorption and Conversion Thermal Efficiency Analysis on Mass Concrete Embedded Water Pipes as Permanent Roof.	ISSN: 2349-8994 UGC Care/ Journal of Thermal Engineering and Applications	Vol. 11, No. 2	20/08/2024	PP. 22-27
4.	Dr. V.K. Jebasingh	Significance of Nanoparticles in Phase Change Materials as Heat Transfer Fluid for Solar Heat Absorption	ISSN: 2321-2810 ESCI, WoS/ Journal of Polymer & Composites	Vol. 12, No. 5	31/07/2024	PP. 57-65
5.	Dr. V.K. Jebasingh	Experimental Investigation on Thermal Conductivity and Viscosity of Phase Change Material (NaNO_3 and KNO_3) with Different Concentrations of ZnO Polymer Nanofluids for Solar Energy Absorption	ISSN: 2321-2810 / ESCI, WoS/ Journal of Polymer & Composites	Vol. 12, No. 5	12/07/2024	PP. 25-35
6.	Dr. V.K. Jebasingh	Polymer Phase Change Materials: Innovations, Applications and Future Directions	ISSN: 2394-1952/ UGC Care / Journal of Refrigeration, Air Conditioning, Heating and Ventilation	11	05/10/2024	1-7
7.	Dr. K.S. Jai Aultrin	Characterization of Mechanical and Viscoelastic Properties of Ceramic Nanoparticle-	ISSN: 2321-2810 / ESCI, WoS /Journal of Polymer and Composites	13	October 2024	71-82

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/SCI/UGC care	Volume No. Issue No.	Year of Publication	Page (pp)
		Reinforced Polymer Composites				
8.	Mr. S.H. Vishnu	Efficiency and Innovation: Exploring the World of Material Handling Equipment for Marine Applications	ISSN: 1044–5803 / UGC Care / Journal of Materials and its Characterization	4	March 2025	1-7

9. Details of patents applied/awarded:

S.No.	Name of the Faculty member(s)	Title	Date of filling	Application No.	Award No.
1.	Dr. K.S. Jai Aultrin	Electric Scooter Frame With Foldable Mechanism	23-04-2025		456300-001 on 04-08-2025

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1.	Dr. S. John Leon	Metaheuristic Algorithm in Engineering and Complex Systems. (Scopus Indexed Book Chapters)	IGI Global Scientific	2024
2.	Dr. S. John Leon	Renewable Energy: The Path To Sustainability (Book)	REST Publisher	2025
3.	Dr. K.S. Jai Aultrin	Manufacturing Strategies and Systems (Scopus Indexed Book Chapters)	CRC Press – Taylor & Francis	2025
4.	Dr. K.S. Jai Aultrin	Advances in Composite and Advanced Materials Machining (Scopus Indexed Book Chapters)	CRC Press – Taylor & Francis	2025
5.	Mr. A.K. Ratheesh	Fluid Mechanics (Book)	REST Publisher	2025
6.	Mr. A.K. Ratheesh	Development and Characterization of Spray Pyrolysis Nickel Coated Natural Bamboo Fiber Reinforced Polymer Composite.	Springer	2024

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO.	Name of the Programme / Branch of study	Sanctioned Strength	Enrolment during 2024-25		Total	Community														Existing Students, Strength						Pass Percentage of outgoing batch
			F	M		OC		BC		BCM		MBC/ DNC		SC		SCA		ST		II year		III year		IV year		
						M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
1	UG Programme	40	Nil	2+5 =7				1												5		18		11		100
2	PG Courses																									
3	Ph.DProgram me																									
4	Diploma Certificate add on Courses (if any)																									
5	MOOC/SWAYAM/ NPTEL/UGC online courses offered																									
	Total																									

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	
1.	B.E. Marine Engineering	Indian	Kerala	2	Nil	2

13. U.G./P.G. and Research degrees awarded:

S. No	UG		P.G.		Ph.D.		
		Total		Total	FT	PT	Total
	11	11			Nil		

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded :

S. No.	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
Nil					

15.Scholarships Awarded:

S. No.	Nature of Scholarship	P.G.		Ph.D.		Total Amount Rs.
		M	F	M	F	
1	B.C.(State)					
2	B.C.M.(State)					
3	M.B.C./D.N.C.(State)					
4	SC/SCA/ST(National)					
5	SC/SCA/ST(State)					
6	AICTE/UGC Scholarships					
7	Management Scholarship					
8	Loan Scholarship					
9	MoovalurRamamirthamAmmaiyar Scheme					
10	'Pudhumai Penn' (modern woman)					
11	TamizPuthalvan					
12	Others (please Specify the scholarship)					
Total		Nil				

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App	Pass	App	Pass	App	Pass	App	Pass	App	Pass	App	Pass	App	Pass	App	Pass
1.	B.E. Marine Engineering	2	2	2	2	5	3	4	2	18	7	17	7	18	18	Exams Yet to Conduc	

17. Placement Details:

Name of the Placement co-ordinator: Mr. M. Muniasamy			
Phone/Mobile Number :e-mail: 7373555565, munishsailor@gmail.com			
Number of Placement Programmes: Nil			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	9	Nil
2	Number of Placements obtained through Campus Interview	Nil	Nil
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	81.81	Nil

18. Outstanding achievements by the Faculty Members:

S. No.	Name of the Faculty	Achievements	Agency
1.	Prof. S. Muthukumaraperumal	Assessment Examination and Certification of Sea Farers (AECS) Course	PondicheryMaritime Academy
2	Prof. K. Sreekumar	Assessment Examination and Certification of Sea Farers (AECS) Course	PondicheryMaritime Academy
3.	Prof. Muthukumaraperumal	VICT Course	PondicheryMaritime Academy
4.	Mr. D. Pray Gift	VICT Course	PondicheryMaritime Academy
5.	Dr. A. Ramesh	Ph.D	Anna University
6.	Dr. V. K. Jebasingh	Obtained A Grade	Malaviya Mission Teacher Training Programme
7.	Dr. K.S. Jai Aultrin	Successfully Completed in Advanced Machining Process.	NPTEL

19. Outstanding achievements by Students:

S.No.	Name of the Student	Achievements	Agency
1	Mr. J. Abhinav & Mr. Harrish Simiyon	Got First Prize in paper Presentation titled Hybrid Boiler Suit. during the Symposium conducted on 26-02-2025.	Dept. of Marine Engineering, PSN College of Engineering & Technology, Tirunelveli
2	Mr. J. Abhinav & Mr. Harrish Simiyon	Got First Prize in Engine Overhauling during the Symposium conducted on 26-02-2025.	Dept. of Marine Engineering, PSN College of Engineering & Technology, Tirunelveli
3	Mr. J. Abhinav & Mr. Harrish Simiyon	Got Second Prize in Photography during the Symposium conducted on 26-02-2025.	Dept. of Marine Engineering, PSN College of Engineering & Technology, Tirunelveli

S.No.	Name of the Student	Achievements	Agency
4	Mr. V. Franklin Samuel Raj	Has Actively Participated in the following Events held in International Marine Symposium conducted on 5 th , 6 th & 7 th March 2025. a) Elegance in Employment b) Art in Action c) Brainwave Battle d) Focus & Capture	AMET University
5	Mr. E. Benix Geo	Has Actively Participated in the following Events held in International Marine Symposium conducted on 5 th , 6 th & 7 th March 2025. a) Elegance in Employment b) Art in Action c) Brainwave Battle	AMET University
6.	Mr. A. Christon	Has Actively Participated in the following Events held in International Marine Symposium conducted on 5 th , 6 th & 7 th March 2025. a) Elegance in Employment b) Art in Action c) How Fit Are You	AMET University

20. Department MeetingsHeld :
BOS,Programme Committee, Course Committee etc.

S.No	Name	Date	
1.	Programme Committee 2024-2025 – Odd Semester – Three Programme Committee Meetings Conducted	12-07-2024 04-09-2024 17-10-2024	
2.	Programme Committee 2024-2025 – Even Semester Three Programme Committee Meetings Conducted	10-02-2025 13-03-2025 05-05-2025	
3.	Class Committee – S1 Marine Four Class Committee Meetings Conducted	23-09-2024 20-11-2024 17-12-2024 28-01-2025	
4.	Class Committee – S2 Marine Four Class Committee Meetings Conducted	03-03-2025 07-04-2025 14-05-2025 23-06-2025	
5.	Class Committee – S3 Marine Four Class Committee Meetings Conducted	24-06-2024 16-08-2024 20-10-2024 09-11-2024	

6.	Class Committee – S4 Marine Four Class Committee Meetings Conducted	10-01-2025 18-02-2025 25-03-2025 06-05-2025	
7.	Class Committee – S5 Marine Four Class Committee Meetings Conducted	08-07-2024 14-08-2024 03-10-2024 13-11-2024	
8.	Class Committee – S6 Marine Four Class Committee Meetings Conducted	10-01-2025 18-02-2025 25-03-2025 06-05-2025	
9.	Class Committee – S7 Marine Four Class Committee Meetings Conducted	26-06-2024 26-07-2024 06-01-2025 13-02-2025	
10.	Class Committee – S8 Marine Four Class Committee Meetings Conducted	07-04-2025 23-06-2025 10-09-2025 (Expected) 15-10-2025 (Expected)	
11.	Board of Studies	16-06-2025	

21. Infrastructure and Research facilities available (Please specify equipments more than TwoLakhs Only) :

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical
Nil				

22. Extension activities carried out :

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	NSS	Nil		
2	NCC	Public	21-11-2024	Sri Sai Baba Temple, Eraniel
3	YRC	Nil		
4	Community engagement	Nil		
5	GovernemntProgrammes	Nil		
6	National and International days observed	1. Marine Cadets 2. Navy Day Celebration 3. Marine Cadets	21.06.2025 21-10-2024 05-04-2025	Marine Hostel Hill Top Auditorium Marine Ground & Marine Department
7	Others	Nil		

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library:

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	870	7	No. of titles available	230
2	Books added during the year 2023-24	Nil	8	No. of CDs and Digital Books Available	70
3	No. of Indian Journals/Magazines	360	9	No. of Foreign Magazines/Journals	Nil
4	No. of data bases available	Nil	10	No. of Online Journals	Nil
5	Average No. of students visiting the Library per day	02	11	Average No. of books Issued per day	1
			12	No. of digital books	Nil
6	Availability of Internet (Specify the Capacity) (e.g. – 8 Mbps etc.,)	Nil	13	Availability of Language Lab	Nil
			14	NDL membership 11. Faculty members 12. Students	Nil

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.	S. No.	Name of the Equipment	Specifications	Nos.
Nil							

25. Collaborative Researches : Nil

26. Consultancies : Nil

27. No. of NET/SET/GATE/CSIR Qualified students: Nil

28. MOUs signed :

S.No	Date	MoU signed with	Number of Activities	Remarks
Nil				

29. Innovations and Best Practices :

S.No	Innovation and Best Practices	Name of the Programme	Date
1	ICT tooles used	Guest Lecture	19/07/2024
		Seminar	27/09/2024
		Seminar	18/12/2024
		Workshop	29/01/2025
		Seminar	03/02/2025
		Guest Lecture	26/03/2025
		Symposium	04/04/2025
		National Maritime Day	05/04/2025
		PDP	16/04/2025

S.No	Innovation and Best Practices	Name of the Programme	Date
		Workshop	22/05/2025 to 24/05/2025
2	Teaching and learning initiatives	Nil	Nil
3	Eco friendly and sustainable practices	Nil	Nil
4	Industrial and Academic connect activities	1. An Industrial Visit to Cochin Ship Yard was organized for Marine Cadets.	25 th October 2024.
		Part of Navy Day our Cadets were taken to Vizhinam Port for Naval Ship Visit	14 th December 2024.
		S7 Marine Cadets undergone Voyage to Andaman.	From 6 th January to 14 th January 2025

30. Academic Flexibility:

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed
Nil				

31. Membership in professional bodies:

S.No	Name of the Professional Body	No. of members
1.	Prof. S. Muthukumaraperumal	Grade: Fellow F.I.Mar.E (I)
2.	Prof. K. Sreekumar	Grade: Fellow F.I.Mar.E (I)
3.	Dr. V. K Jebasingh	Grade: Fellow F.I.Mar.E (I)

32. Alumni Meetings held:

S.No	Date	Purpose
1.	27-12-2024	Alumni Meet

33. Any other Information:FDP

S.N	Name of the Faculty	Name of the Event - FDP	Date	Venue
1.	Dr. S. John Leon	Generative AI and its Multidisciplinary Applications in Engineering and Technology (Code Generation)	16-06-2025 to 21-06-2025	Panimalar Engineering College
2.	Dr. S. John Leon	Auxiliary Machines	16-12-2024 to 20-12-2024	PSN College of Engineering & Technology
3.	Dr. V.K. Jebasingh	FDP on Recent Trends in Materials Technology	25-06-2025 to 29-06-2025	Organized by Department of Mechanical Engineering, Nanda Engineering College
4.	Dr. V.K. Jebasingh	FDP on Next Generation Renewable Energy Technologies: Transformative Approaches for Sustainable Development	from 06/05/2025 to 10/05/2025	Department of Mechanical Engineering, SwamiKeshvanand Institute of Technology, Management & Gramothan, Jaipur.
5.	Dr. V.K. Jebasingh	STTP (Short-Term Training Programme) on NEP 2020: Necessitating Change in Management of Higher Education	21/11/2024 to 26/11/2024	Department of Business Administration, Assam University, Silchar under the aegis of UGC-MMTTC, Assam University, Silchar,
6.	Dr. V.K. Jebasingh	FDP on Marine Auxiliary Machines	16.12.2024 to 20.12.2024	Department of Marine Engineering, PSN College of Engineering 7.and Technology, 8.Tirunelveli
7.	Dr. V.K. Jebasingh	FDP on Artificial Intelligence (AI) revolution in 2025	24 th – 28 th March 2025	Department of Computer Science and Civil Engineering
8.	Dr. V.K. Jebasingh	FDP on BIM using Revit Structure	11 Nov 2024 to 15 Nov 2024	conducted by ICT Academy
9.	Dr. V.K. Jebasingh	FDP on Introduction to SolidWorks	23 Jun 2025 to 27 Jun 2025	conducted by ICT Academy

S.N	Name of the Faculty	Name of the Event - FDP	Date	Venue
10.	Dr. V.K. Jebasingh	FDP on Next Generation Aerospace and Manufacturing Technologies	26-05-2025 to 30-05-2025.	Faculty of Aeronautical and Space Technology, Noorul Islam Centre for Higher Education
11.	Dr. V.K. Jebasingh	FDP on Emerging Technologies in civil Engineering – 2k25	09.06.2025 to 13.06.2025	Department of Civil Engineering, Kongunadu College of Engineering and Technology, Tiruchirappalli
12.	Dr. V.K. Jebasingh	20 Day FDP on AI Mastery for Educators	15 th may to 7 th June (22 Days)	IIT Patna – (Vishlesan I-Hub)
13.	Dr. V.K. Jebasingh	STTP (Short Term Programme) in Indian Knowledge System IKS	18.06.2025 to 24.06.2025	Organized by UGC -Malaviya Mission Teacher Training Centre (UGC-MMTTC), Central University of Kerala
14.	Dr. K.S. Jai Aultrin	MechaicalBebaviour of Advanced Materials	23-09-2024 to 27-09-2024	Jeppiaar Institute of Technology
15.	Dr. K.S. Jai Aultrin	Advanced Machining Processes	01-08-2024 to 31-10-2024	NPTEL-AICTE-Online
16.	Dr. K.S. Jai Aultrin	Advances in Future Materials and Manufacturing Trends	02-12-2024 to 06-12-2024	SRM TRP Engineering College, Tiruchiraapally
17.	Dr. K.S. Jai Aultrin	Advanced Approaches in Mechanical Engineering Research	03-02-2025 to 07-02-2025	J.P. College of Engineering, Tenkasi
18.	Dr. K.S. Jai Aultrin	Enhancing Quality Research Through Patent Research and IPR	11-02-2025 to 15-02-2025	Nirmala Memorial Foundation College of Commerce and Science, Maharashtra
19.	Dr. K.S. Jai Aultrin	Next Generation Technology in Aviation, Intelligent Systems and Green Energy	26-05-2025 to 31-05-2025	Department of Mechanical and Automobile Engineering, NICHE

S.N	Name of the Faculty	Name of the Event - FDP	Date	Venue
20.	Dr. K.S. Jai Aultrin	Next Generation Aerospace and Manufacturing Technologies	26-05-2025 to 30-05-2025	Department of Aeronautical Engineering, NICHE
21.	Dr. K.S. Jai Aultrin	Role of AI in Bioimaging and Signal Processing	26-05-2025 to 30-05-2025	Department of Aeronautical Engineering, NICHE
22.	Dr. K.S. Jai Aultrin	Recent Trends in Materials Technology	25-06-2025 to 29-06-2025	Nandha Engineering College, Erode
23.	Mr. A.K. Ratheesh	Mechanical Behaviour of Advanced Materials	September 23 To September 27 (2024)	Jeppiaar Institute Of Technology
24.	Mr. A.K. Ratheesh	Next Generation Renewable Energy Technologies: Transformative Approaches for Sustainable Development	May 6 To May 10 (2025)	Malaviya National Institute of Technology
25.	Mr. A.K. Ratheesh	Next Generation Technology in Aviation, Intelligent Systems, and Green Energy	May 26 To May 31 (2025)	NICHE, Kumaracoil
26.	Mr. A.K. Ratheesh	Next Generation Aerospace and Manufacturing Technologies	May 26 To May 30 (2025)	NICHE, Kumaracoil
27.	Mr. A.K. Ratheesh	Research Excellence: Learning Strategies Academic Success in Non-Traditional Technique	June 16 To June 20 (2025)	NICHE, Kumaracoil
28.	Mr. M. Muniasamy	Artificial Intelligence's Impact on Transforming Software	05.10.2024 to 10.10.2024	Dhaanish Ahmed College of Engineering
29.	Mr. M. Muniasamy	Next Generation Renewable Energy Technologies: Transformative Approaches for Sustainable Development	06.05.2025 to 10.05.2025	Department of Mechanical Engineering, Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.
30.	Mr. M. Muniasamy	Research Excellence: "Learning Strategies and Academic Success in Non-Traditional Techniques	16.06.2025 to 20.06.2025	BRDC, NICHE.

S.N	Name of the Faculty	Name of the Event - FDP	Date	Venue
31.	Mr. M. Muniasamy	Recent Trends in Materials Technology	25.06.2025 to 29.06.2025	Department of Mechanical Engineering, Nanda Engineering College.
32.	Mr. D.Pray Gift	Next Generation Renewable Energy Technologies: Transformative Approaches for Sustainable Development	May 6, 2025 to May 10, 2025	Department of Mechanical Engineering, Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.
33.	Mr. D.Pray Gift	Robotics Process Automation	May 6, 2024 to May 11, 2024	Sri Sairam Engineering College, Chennai
34.	Mr. D.Pray Gift	Fabrication and Characteristics of Novel Fibre Reinforced Polymer Composite for Structural Application	April 22, 2024 to April 26, 2024	Sandip Institute of Technology and Research Centre , Nashik
35.	Mr. D.Pray Gift	NEP 2020 Orientation and Sensitization Programme	March 11, 2024 to March 20, 2024	UGC Malaviya Mission Teacher Training Centre, National Institute of Educational Planning and Administration, New Delhi
36.	Mr. S.H. Vishnu	Atal FDP on AI For Metal Research and Processing	16-06-2025 to 21-06-2025	Narayanaguru College of Engineering

NAME OF THE DEPARTMENT: DEPARTMENT OF MATHEMATICS

1. Department Details :

Name of the Faculty	Faculty of Science and Humanities
Name of the HoD, Phone No. and E-mail ID	Dr.M.Immaculate Mary, Phone No. : 9442006514 E-mail ID : imma_arul@yahoo.com
Year of Establishment	1989
Telephone Number	-
Website / E mail	mathematics@niuniv.com

2. Details of Faculty Members and Supporting staff :

S. No.	Name of the Faculty Members and Supporting staff	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
1	Dr.M.Immaculate Mary	M.Sc., M.Phil, B.Ed, Ph.D.	Prof. & HOD	Stochastic Processes	30 Y 10 M	16 Y	imma_arul@yahoo.com 04652-279857 9442006514
2	Dr.T.M.Selvarajan	M.Sc., M.Phil, B.Ed, Ph.D.	Asso. Prof.	Graph Theory	30y 8m	16Y	selvarajan_26@yahoo.co.in 9443844903 04651-252881
3	Dr.K.Uma Samundesvari	M.Sc., M.Phil, PGDCA, Ph.D.	Asso. Prof.	Graph Theory	26y 9m	14Y	umasamundesvari@niuniv.com 98940 71318
4	Dr.P.Nageswari	M.Sc., M.Phil, PGDCA, Ph.D.	Asst. Prof.	Graph Theory	21y	13Y	nageswari.kannan06@gmail.com 04651-261115 9677318713
5	Dr.K.Uma Devi	M.Sc., B.Ed., M.Phil., HD CA, Ph.D.	Asst. Prof.	Fuzzy Algebra	17y 9m	14Y	devi.uma30@gmail.com 9487659151
6	Dr.D.Sheeba Singh	M.Sc., M.Phil., Ph.D.	Asst. Prof	Stochastic Processes	17y 6m	13Y	dssheeba@gmail.com 9443521900
7	Dr. M.Sudha	M.Sc., M.Phil, B.Ed., Ph.D.	Asst. Prof.	Graph Theory	17y 2m	12Y	sudha.jeyakumar@yahoo.in 04651253339 9486962339
8	Mr.G.Victor Jeya Chandra	M.Sc., M.Phil., B.Ed.	Asst. Prof.	-	16y 7m		victorjeyacg@gmail.com 9486757921

S. No.	Name of the Faculty Members and Supporting staff	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
9	Dr..P.Jeba Sheeja	M.Sc., M.Phil, B.Ed., Ph.D .	Asst. Prof.	Graph Theory	15y 2m	7Y	petersheeja10@gmail.com 9655721162
10	Dr.J.John Arul Singh	M.Sc., M.Phil, Ph.D.	Asst. Prof.	Graph Theory	12y 1m	15Y	arul_singh_math@yahoo.com 9944509724
11	Ms.C.Saranya	M.Sc.M.Phil .	T.A.	-	7y	-	csaranyap@gmail.com 9442309715

3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		Chapters/ Books		API		Ph.D. awarded		Cumulative Scholars
		24 - 25	Cumulative	24 - 25	Cumulative	24 - 25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	Ph.D.
1	Dr.M.Immaculate Mary	2	2	3	16	-	13			200	1200	-	1	2
2	Dr.T.M.Selvarajan	2	2	-	15	1	15	-	-	245	1450	1	3	2
3	Dr.K.Uma Samundeesvari	4	4	4	23	5	32	2	5	385	1675.5	-	2	6
4	Dr.P.Nageswari	2	2	1	6	2	25	-	-	225	765			2
5	Dr.K.Uma Devi	2	2	1	11	6	44	-	-	215	773	1	1	-
6	Dr.Sheeba Singh	2	2	1	14	5	13			275	1133.5	1	1	3
7	Dr. M.Sudha	1	1	1	11		2	-	-	235	962	-	-	4
8	Mr.G.Victor Jeya Chandra	-	-	-		-	-			170	588			-
9	Dr. J. John Arul Singh	2	3	-	5	2	14			165	511			1
10	Mrs.C.Saranya	-	-	-	-	-	-			180	520			-

4. Research Schemes/Projects undertaken and applied for :

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1	Dr. M. Immaculate Mary Co-PIs 1. Dr.T.M.Selvarajan 2. Dr.K.Uma Samundesvari 3. Dr.D.Sheeba Singh	ISRO-Govt. of India	RES-SAC-2023-020: Prediction of market arrival & price through statistical and AI/ML approaches			Rs. 19,01,880

5. a) Participation of the Faculty members, presentation of papers in Congresses/Conferences/Seminars/Workshops, Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/ Seminar /Workshop and Venue	Title of the paper	Date
1	Dr.T.M. Selvarajan	International Conference on AI-Powered Approaches to Graph Theory and Applications (INAIGA-2025), Department of Mathematics, NICHE, Kumaracoil	The degree non Split domination number of a Graph	28-05-2025
2	Dr.K.Uma Samundesvari	International Conference on AI-Powered Approaches to Graph Theory and Applications (INAIGA-2025), Department of Mathematics, NICHE, Kumaracoil	Harmonic Index of Some Standard Graphs using Monophonic Domination degree	28-05-2025
		International Conference on AI-Powered Approaches to Graph Theory and Applications (INAIGA-2025), Department of Mathematics, NICHE, Kumaracoil	Concept of double domination Integrity on the context of specific graphs	28-05-2025
		International Conference on AI-Powered Approaches to Graph Theory and Applications (INAIGA-2025), Department of Mathematics, NICHE, Kumaracoil	Split Restrained Monophonic Domination Number of a Graph	28-05-2025
		International Conference on AI-Powered Approaches to Graph Theory and Applications (INAIGA-2025),	Equitable Total Domination in Uniform Interval-Valued	28-05-2025

S. No.	Name of the Faculty	Congress/Conference/ Seminar /Workshop and Venue	Title of the paper	Date
		Department of Mathematics, NICHE, Kumaracoil	Neutrosophic Graphs	
3	Dr.P.Nageswari	International Conference on AI-Powered Approaches to Graph Theory and Applications (INAIGA-2025), Department of Mathematics, NICHE, Kumaracoil	Near Mean Cordial Labeling of some graphs	28-05-2025
4	Dr.D.Sheeba Singh	International Conference on AI-Powered Approaches to Graph Theory and Applications (INAIGA-2025), Department of Mathematics, NICHE, Kumaracoil	Rainfall-Driven Crop Forecasting in Tamil Nadu Using Stochastic Models	28-05-2025
		International Conference on AI-Powered Approaches to Graph Theory and Applications (INAIGA-2025), Department of Mathematics, NICHE, Kumaracoil	Estimation of Covid-19 Using Fourth-Order Runge Kutta Method	28-05-2025
5	Dr.M.Sudha	International Conference on AI-Powered Approaches to Graph Theory and Applications (INAIGA-2025), Department of Mathematics, NICHE, Kumaracoil	Review on Some Properties of Order-Divisor Graphs of Finite Groups	28-05-2025
		International Conference on AI-Powered Approaches to Graph Theory and Applications (INAIGA-2025), Department of Mathematics, NICHE, Kumaracoil	Index Difference Cordial Labeling in a Specific Family of Graphs	28-05-2025
		International Conference on AI-Powered Approaches to Graph Theory and Applications (INAIGA-2025), Department of Mathematics, NICHE, Kumaracoil	H-Difference Cordial Decomposition	28-05-2025
		International Conference on Emerging Trends in Material Sciences , Department of Chemistry and Physics, NICHE	Review on Intuitionistic Fuzzy Labeling Graphs	29-05-2025
6	Dr.J.John Arul Singh	International Conference on AI-Powered Approaches to Graph Theory and Applications (INAIGA-2025), Department of Mathematics, NICHE, Kumaracoil	Independence sets in Cyclic Groups	28-05-2025

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Date
7	Mrs.C.Saranya	International Conference on AI-Powered Approaches to Graph Theory and Applications (INAIGA-2025), Department of Mathematics, NICHE, Kumaracoil	Harmonic Index of Some Standard Graphs using Monophonic Domination degree	28-05-2025

b) Foreign Faculty/Expert visit to the Department: Nil

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1					

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty member	Role	Event	Title	Venue & Date
1	Dr.K.Uma Samundesvari	Resource Person	One day State level Technical Symposium	Role of Mathematics in Computer Science i	PET College of Engineering, Valliyoor 18-03-2025
2	Dr.K.Uma Samundesvari	Resource Person	Association	Applications of Differential equations	Pioneer Kumarasamy College, Nagercoil 04-04-2025

7. Details of Seminars, Conferences, Refresher courses, Webinars Organised :

S. No.	Name of the Faculty member	Congress/Conference/Seminar/ Workshop/Symposia , Webinars etc. organised	State/National/ International Level	Date
1	Dr.K.Uma Samundesvari	Workshop on SPSS	National	20-03-2025
2		International Conference	International	28-05-2025
3		Math Fest	National	14.02.2025
4		Workshop	National	20.03.2025
5		FDP	National	26-05-2025 to 31-05-2025

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/S CI/UGC care	Volume No. Issue No.	Year of Publication	Page (pp)
1	Dr. M. Immaculate Mary	A Comprehensive Approach to Solid Waste Management Site Selection Using Simplified Neutrosophic Distance-Based Similarity Measures with N-Valued T-Spherical Fuzzy Neutrosophic Sets	2692-6148 (P), 2690-6805 (online) International Journal of Neutrosophic Science	Vol. 26, No. 01	2025	PP. 293-310,
2	Dr.T.M.Selvarajan	Li-Fi Computing Based Vehicle-to-Vehicle Communication for Traffic Management Utilization of Detour Global Domination the Graph's Number	SSRG International Journal of Electronics and Communication Engineering ISSN: 2348-8549	Volume 11 Issue 10, ,	October 2024	202-210
3	Dr.K.Uma Samundesvari	Total Domination in Uniform Single valued Neutrosophic Graph	Neutrosophic Sets and Systems ISSN 2331-608X	70,	02-08-2024	305-313
		Application of double domination integrity in PMU placement problems	Discrete Mathematics Algorithms and Applications ISSN-1793-8317	1	February 2025	2550001
		Computation of Double	Journal of Information	10(3 9s)	27-02-	58-65

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/S CI/UGC care	Volume No. Issue No.	Year of Publication	Page (pp)
		domination Integrity of some special graphs	Systems Engineering and Management ISSN (Online): 2468-4376		2025	
		An Introduction to 2-Domination Integrity of Graphs	<i>IAENG International Journal of Applied Mathematics</i> ISSN: 1992-9986	55:6	01-06-2025	1640-1645
4.	Dr.D.Sheeba Singh	Stochastic Modelling of India's Monthly rainfall utilizing the Weibull distribution	<i>Panamerican Mathematical journal</i> ISSN:1034-9735	35,1	13.01.2025	168-181
5.	Dr.P.Nageswari	Cordial Labeling in the context of some graphs	Journal of Information Systems Engineering and Management e-ISSN:2468-4376	Volume 38S	April 2025	21-31
6.	Dr. M.Sudha	Study on Properties of Order Divisor Graphs of Finite Groups	International Journal of Research in Engineering and Bioscience ISSN : 2321-743X	Volume 7 Issue 2	October 2024	1-4

9. Details of patents applied/awarded: Nil

S.No.	Name of the Faculty member	Title	Date of filing	Application No.	Award No.

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1	Dr. M. Immaculate Mary & Dr. K. Uma Samundesvari	Engineering Mathematics-I 978-81-965312-2-5	R.K.Publishers, 26, Rajeswari Nager, Nava india road, Coimbatore- 641 028	2024
2	Dr.K.UmaSamundesvari	E proceedings of International conference on AI powered approaches to Graph Theory and its Applications 978-93-6492-056-8	SK Research Group of Companies, Coimbatore	2025

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO.	Name of the Programme / Branch of study	Sancti oned Stren gth	Enrolment during 2024-25		Tota l	Community														Existing Students, Strength						Pass Percent age of out going batch
			F	M		OC		BC		BCM		MBC/ DNC		SC		SCA		ST		II year		III year		IV year		
						M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	UG Programme		-																							
	PG Courses		-																							-
	Ph.D Programme		1			1														3		8		8		
	Diploma Certificate add on Courses (if any)																									
	MOOC/SWA YAM/NPTEL/ UGC online courses offered																									
	Total		1																	3		8		8		

12. Enrolment of Students from Overseas and other States:Nil

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	

13. U.G./P.G. and Research degrees awarded:

S. No	UG		P.G.		Ph.D.		
		Total		Total	FT	PT	Total
		-		-		1	1

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded :Nil

S. No.	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1					

15.Scholarships Awarded:Nil

S. No.	Nature of Scholarship	P.G.		Ph.D.		Total Amount Rs.
		M	F	M	F	
1	B.C.(State)					
2	B.C.M.(State)					
3	M.B.C./D.N.C.(State)					
4	SC/SCA/ST(National)					
5	SC/SCA/ST(State)					
6	AICTE/UGC Scholarships					
7	Management Scholarships					
8	Loan Scholarship					
9	Moovalur Ramamirtham Ammaiyar Scheme					
10	'Pudhumai Penn' (modern woman)					
11	Tamiz Puthalvan					
12	Others (please Specify the scholarship)					
	Total					

16. Performance of the Students :Nil

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s

17. Placement Details: Nil

Name of the Placement co-ordinator: Dr.J.john Arul Singh			
Phone/Mobile Number :e-mail:arulsinghj@gmail.com			
Number of Placement Programmes:			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed		
2	Number of Placements obtained through Campus Interview		
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)		

18. Outstanding achievements by the Faculty Members:

S. No.	Name of the Faculty	Achievements	Agency
1.	Dr.K.Uma Samundesvari	Reviewer	The Journal of Supercomputing
		Reviewer	Journal of Applied Math
		BOS Member	Sadak Abdhulla Appa College, Tirunelveli
		Online Course Passed with Elite Silver	NPTEL
		Award of Distinction	NICHE
2.	Dr.P.Nageswari	Online Course Passed	NPTEL
		Award of Distinction	NICHE
3.	Dr.K.Uma Devi	Online Course Passed	NPTEL
		Award of Distinction	NICHE
4.	Dr.D.Sheeba Singh	Award of Distinction	NICHE
5.	Dr.M.Sudha	Online Course Passed	NPTEL
		Award of Distinction	NICHE
		Reviewer	International Journal of Rsearch and Analytical Reviews
		Reviewer	Asian Journal of Pure and Applied Mathematics
6	Dr.J.John Arul Singh	Bos Member	Stella marys college on 5- 5 - 25

19. Outstanding achievements by Students: Nil

S.No.	Name of the Student	Achievements	Agency
1		Academic Awards	
2		Participation in Cocurricular/ hecathan	
3		Research Projects	
4		Research Paper Presentation	
5		Others	

**20. Department Meetings Held :
BOS,Programe Committee, Course Committee etc.**

S.No	Name	Date			
1.	BOS	06-06-2024 22.02.2025 29.05.2025			
2	Programe Committee				
3	Course Committee	S1 BE MA3101	24-09-2024	14-11-2024	07-01-2025
		S1 BCA& B.Sc.(CS), MA 3605	5-11-2024	29-11-2024	27-01-2025
		S3 BE MA3201	5-09-2024	25-10-2024	25-11-2024
		S4 BE MA3203	08-01-2025	10-03-2025	23-04-2025
		S4 BE MA3205	08-01-2025	10-03-2025	23-04-2025
		S2 BC.A& B.Sc(CS), MA 3606	12-03-2025	11-04-2025	26-05-2025
		S2 BE MA3102	12-03-2025	11-04-2025	26-05-2025
4	Other Department meetings	09.07.2024	02.01.2025		
		02.08.2024	13.01.2025		
		02.09.2024	22.02.2025		
		03.09.2024	10.03.2025		
		16.10.2024	16.04.2025		
		19.11.2024	21.04.2025		
		14.12. 2024	19.05.2025		

21. Infrastructure and Research facilities available (Please specify equipments more than TwoLakhs Only) :

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical

22. Extension activities carried out :

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	NSS			
2	NCC			
3	YRC			
4	Community engagement			
5	Governemnt Programmes			
6	National and International days observed			
7	Others Extension activity	Mentally Retarded Students	10-07-2024	Anugraha Special School, Reg No-564/93 Melakattuvilai, Manikattipottal P.O.
8	- Orientation program	I year Students	03.05.2024	NICHE

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library:

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	1162	7	No. of titles available	-
2	Books added during the year 2024-25	27	8	No. of CDs and Digital Books Available	-
3	No. of Indian Journals/Magazines		9	No. of Foreign Magazines/Journals	-
4	No. of data bases available		10	No. of Online Journals	-
5	Average No. of students visiting the Library per day	2	11	Average No. of books Issued per day	1
			12	No. of digital books	-
6	Availability of Internet (Specify the Capacity) (e.g. – 8 Mbps etc.,)		13	Availability of Language Lab	-
			14	NDL membership 11. Faculty members 12. Students	10+6

24. Information and Communication Technology Resources:Nil

S. No.	Name of the Equipment	Specifications	Nos.

25.Collaborative Researches :**26.Consultancies undertaken :**

27.No. of NET/SET/GATE/CSIR Other Compentetive Examinations Qualified students:**28. MOUs signed :**

S.No	Date	MoU signed with	Number of Activities	Remarks
1	MOU with Department of Mathematics, Manonmaniam Sundaranar University, Tirunelveli and Department of Mathematics, Noorul Islam Centre For Higher Education, Kumaracoil	MOU with Confederation of Indian Industry and Noorul Islam Centre For Higher Education	2	

29. Innovations and Best Practices :

S.No	Innovation and Best Practices	Name of the Programme	Date
1	ICT tools used	Smart Board-enabled teaching	Both semesters
2	Teaching and learning initiatives	Continuous Internal Assessment	03.05.2025
		Collaborative Learning	28-05-2025
4	Eco friendly and sustainable practices	-	-
5	Industrial and Academic connect activities	MoUs with Industries	02-09-2024
		Guest Lectures by Experts	05.07.2024, 04.09.2024, 24.02.2025, 08.02.2025
		Industrial Visits	22-5-2025

30. Academic Flexibility :-

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed

31. Membership in professional bodies:

S.No	Name of the Professional Body	No. of members
1		

32. Alumni Meetings held:

S.No	Date	Purpose
1.	04-09-2024	Effective Strategies for Tracking NET/GATE Examination

33. Any other Information:

NAME OF THE DEPARTMENT: MECHANICAL ENGINEERING

1. Department Details :

Name of the Faculty	Mechanical Engineering
Name of the HoD, Phone No. and E-mail ID	Dr.R.Rajesh 9486856128 rajesh2009@niuniv.com
Year of Establishment	1995
Telephone Number	9486856128
Website / E mail	www.nichemechanical.com / mech@niuniv.com

2. Details of Faculty Members and Supporting staff :

S. No.	Name of the Faculty Members and Supporting staff	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
1.	Dr.M.DevAnand	ME, MBA, Ph.D	Professor & Director (Research)	Intelligent Robotics	22	18	anandpmt@hotmail.com 9486758653
2.	Dr.G.M. Joselin Herbert	ME, Ph.D	Professor	Thermal Engineering	24	16	joselindev@yahoo.com 9442381611
3.	Dr.N.Ramasamy	ME, Ph.D	Professor	Engg. Design	38	12	nramasamy2002@yahoo.com 9486085018
4.	Dr.R.Rajesh	ME, Ph.D	Associate Professor	Manufacturing Engineering	17	12	rajesh2009@niuniv.com 9488882073
5.	Dr.S.Raja	ME	Assistant Professor	CIM	18	10	raja@niuniv.com 9442177584
6.	Dr.P.Jerold Jose	ME, Ph.D	Assistant Professor	Welding Technology	17	10	jeraldjose@niuniv.com 9003989637
7.	Dr.R.RameshPalappan	M.E, Ph.D	Assistant Professor	Energy Engineering & Management, Thermal Power Engg	24	10	rrpalappan@gmail.com 9486011477
8.	Mr.A.Unni Krishnan	ME	Assistant Professor	Thermal Engineering	23	10	unnikrishnan230575@gmail.com 9486270797

S. No.	Name of the Faculty Members and Supporting staff	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
9.	Dr.T.Judson Durai	ME, Ph.D	Assistant Professor	Manufacturing Engineering	15	9	judsondurai@yahoo.in 9962708310
10.	Mr. Dinesh R	ME	Assistant Professor	Automobile	7	5	dineshrock26@gmail.com 8098494968
11.	Mr. R Rabin	ME	Assistant Professor	Manufacturing Engineering	7	1	rabinshbin@gmail.com 8883259982
12.	Mr. Berlin Push. P	ME	Assistant Professor	Thermal Engineering	3	1	berlinpush12@gmail.com 8807733139
13.	Mr. Shalom. N	ME	Assistant Professor	Thermal Engineering	3	1	shalomshalu99@gmail.com 8438862534
14.	Mr. Aniver Chanth. R	ME	Assistant Professor	Engineering Design	5	-	aniashika1@gmail.com 7339163703

3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		API		Ph.D. awarded		Cumulative Scholars
		23-24	Cumulative	23-24	Cumulative	23-24	Cumulative	23-24	Cumulative	23-24	Cumulative	Ph.D.
1.	Dr.M.Dev Anand	11	18	11	186	616	1528	710	1863	-	7	13
2.	Dr.G.M. Joselin Herbert	10	10	1	79	1238	2465	629	2490	-	4	5

S. No.	Name	h index		Publications		Citations		API		Ph.D. awarded		Cumulative Scholars
		23-24	Cumulative	23-24	Cumulative	23-24	Cumulative	23-24	Cumulative	23-24	Cumulative	Ph.D.
3.	Dr.N.Ramasamy	7	7	12	19	93	93	500	1758	-	-	6
4.	Dr.R.Rajesh	5	6	2	35	26	178	563	1509	-	4	10
5.	Dr.S.Raja	9	9	1	16	145	232	525	1490	-	-	-
6.	Dr.P.Jerold Jose	5	18	--	4	—	—	400	1250	-	-	2
7.	Dr.R.RameshPalappan	4	4	-	4	1	1	445	1210	-	-	1
8.	Mr.A.Unni Krishnan	2	2	—	7	237	144	280	450	-	-	-
9.	Dr.T.JudsonDurai	2	2	--	3	257	141	286	622	-	-	-
10	Mr. Dinesh R	2	2	--	3	16	16	223	396	-	-	-
11	Mr. R Rabin	3	3	—	—	—	—	215	387	-	-	-
12	Mr. Berlin Push. P	2	2	3	4	18	18	235	400	-	-	-
13	Mr. Shalom. N	2	2	7	7	—	—	190	352	-	-	-
14	Mr. Aniver Chanth. R							180	310	-	-	-

4.. Research Schemes/Projects undertaken and applied for :

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1	Dr.Dinesh	TNSTC	Design and Fabrication of Rotten Coconut Detecting Device	1/7/24	31/12/24	7500

5. a) Participation of the Faculty members, presentation of papers in Congresses/Conferences/Seminars/Workshops, Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/Seminar/Workshop and Venue	Title of the paper	Date
1	Dr.R.Rajesh	Conference, DME, NICHE	Performance Assessment of Newly	2025

S. No.	Name of the Faculty	Congress/Congress/Seminar /Workshop and Venue	Title of the paper	Date
			Developed Nano Cutting Fluid for Enhancing Turning Operation.	
2	Dr.R.Rajesh	Conference, DME, NICHE	Recent Challenges In Biofibers to Biofilms - A Review	2025
3	Dr.R.Rajesh	Conference, DME, NICHE	Design And Fabrication of Manually Operated Briquetting Machine	2025
4	Dr.R.Rajesh	Conference, DME, NICHE	Enhancing Corrosion Resistance and Durability of Mechanized Boat Hulls Using Advanced Metal Powder Coatings	2025
5	Dr.R.Rajesh	Conference, DME, NICHE	Design and Fabrication of Robotic Wheelchair Joystick Control Wheel Driven UV Sensor In Front for Collision Detection	2025
6	Dr.R.Rajesh	Conference, DME, NICHE	Thermal Analysis and Optimization of Heat Exchangers for Industrial Applications	2025
7	Dr. G. M. Joselin Herbert	Conference, DME, NICHE	Performance Analysis of Diesel Engines Using Tamarind Biodiesel Blends.	2025
8	Dr. G. M. Joselin Herbert	Conference, DME, NICHE	Analysis of Solar Parabolic Trough Collector	2025
9	Dr. G. M. Joselin Herbert	Conference, DME, NICHE	Investigation of Thermal Energy Storage System with PCM Based Nanofluids.	2025
10	Dr. G. M. Joselin Herbert	Conference, DME, NICHE	Design of Solar Parabolic Trough Collector Joselin Herbert G M, Amal David, Abhinand M	2025
11	Dr. R. Ramesh	Conference, DME,	Investigation of	2025

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Date
	Palappan	NICHE	Thermal Energy Storage System with PCM Based Nanofluids.	
12	Dr. R. Ramesh Palappan	Conference, DME, NICHE	Thermal Stress Analysis of High-Temperature Engine Components	2025
13	Dr. R. Ramesh Palappan	Conference, DME, NICHE	Design and Fabrication of Automatic Headlight Dim Bright Controller	2025
14	Dr. M. DevAnand	Conference, DME, NICHE	Recent Challenges In Biofibers to Biofilms - A Review	2025
15	Dr. A. Unni Krishnan	Conference, DME, NICHE	Automotive Chassis for Improved Fuel Efficiency	2025
16	Dr. A. Unni Krishnan	Conference, DME, NICHE	Design and Fabrication of Head Lamb Alignment System	2025
17	Dr. N. Ramanamy	Conference, DME, NICHE	Design and Fabrication of Automatic Traffic and Street Light Controller	2025
18	Mr. N. Shalom	Conference, DME, NICHE	Design and Fabrication of Automatic Vehicle Accident Zone Alert System	2025
19	Dr. T. Judson Durai	Conference, DME, NICHE	Design and Fabrication of Land Slide Indicator	2025
20	Dr. T. Judson Durai	Conference, DME, NICHE	Development and Analysis of an Active Suspension System for High-Speed Trains	2025
21	Mr. R. Rabin	Conference, DME, NICHE	Design and Fabrication of Electric Power Generation Using Waste Water	2025
22	Mr. R. Rabin	Conference, DME, NICHE	Design and Stress Analysis of a Lightweight	2025

S. No.	Name of the Faculty	Congress/Conference/Seminar/Workshop and Venue	Title of the paper	Date
			Aluminum Alloy For Aerospace Applications	
23	Mr. R. Rabin	Conference, DME, NICHE	Design and Thermal Analysis of Phase Change Material Coating for Thermal Management of Water Tank	2025
24	Dr. R. Dinesh	Conference, DME, NICHE	Design and Fabrication of Municipal Sewage Cleaner	2025

b) Foreign Faculty/Expert visit to the Department:

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1.	Er.R.Rahul Raj, Quality Control Department	BrahMos Aerospace, Thiruvananthapuram	Indian	23/08/2024	Skill Development Programme: Introduction to Non-Destructive Testing (NDT)
2.	Dr. R Diana R Associate Professor & Head Department of Psychiatry,	Sarada Krishna Homoeopathic Medical College & Hospital Kulasekharam	Indian	23/08/2024	Awareness Programme on Stress Management and Suicide Prevention
3.	Dr.SabariSindhu R	Sarada Krishna Homoeopathic Medical College & Hospital Kulasekharam	Indian	23/08/2024	Awareness Programme on Stress Management and Suicide Prevention
4.	Dr. Namitha RiaShaji	Sarada Krishna Homoeopathic Medical College & Hospital Kulasekharam	Indian	23/08/2024	Awareness Programme on Stress Management and Suicide Prevention
5.	Siva Kumar J, Technical Leader	CAD DESK ,Marthandam	Indian	26-09-2024	Skill Development

S. No.	Name & Designation	Institute	Country	Duration	Purpose
	Mechanical Technical Trainer				Programme-Way to Futuristic world
6.	Er U RajanSuperitendig Engineer	TuticorinTherml Power Plant	Indian	11-11-2024	Fame Inaugural Function
7.	Dr. ArunSahayadhas, Professor , Department of Computer Science and Engineering and	Dean of IQAC,Vels University Chennai	Indian	25-11-2024	Professional Development Program- Harassing Artificial Intelligence in Research and Teaching
8.	Dr. T D Subash, Elected Member, Board of Governors, IEEE Photonic Society, USA, (2024-26),	Professor, Zhejiang Ocean University, Zhejiang, China	China	23-01-2025	Technical Workshop on Inter disciplinary innovations in Mechanical Systems
9.	Er. Vishnu Verma,Deputy Manager- Design,	BrahMos Aerospace Limited,Trivandrun	Indian	31-01-2925	Guest Lecture on Advanced Manufacturing Techniques
10	Mr. RebinSanford, Director Training,	3D Additive Tech, Manavalakurichi	Indian	10-02-2025	Workshop on Overview of Insights in 3DPrinting
11	Er C Vimal Krishnan, Fusion Trainer	ICT Academy	Indian	28-02-2025	Workshop on Design Now
12	Mr. S Sajumon , CAD Engineer Mechanical,	CADDesk, Marthandam	Indian	27-03-2025	Seminar on Recent Trends in Mechanical Design
13					Guest Lecture on Building the Future : A Quick Dive into BIM Innovation
14	Mr. S Kumaresan BE,MBA	CAD Arts Design & Drawing	Indian	02-04-2025	Seminar on Industrial Design Concepts and

S. No.	Name & Designation	Institute	Country	Duration	Purpose
					core Industry jobs for Mechanical Engineers
15	Er. M Hariharan Head Quality	TVS Eurogrip Madurai	Indian	23-04-2025	National Conference on Recent Advances on Engineering and Technology (NCRAET 2K25)
16	Er. BabinVivek, Aviation Consultant for India & Singapore,	Bell Helicopters	Singapore	15-05-2025	Professional Development Programme on Recent Advancements in Mechanical & Aeronautical Industries

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty member	Role	Event	Title	Venue & Date
1	Dr.S.Raja	Resourse person	FDP	Tricks and technique for reserach article using modern e tool	Rohni college of Engineering, Palkulam, K.K.Dist 02-08-2024
2	Dr.S.Raja	Session Incharge	International Confernce	International Conference recents trends in engineering	JP college of engineering 28-07-2024

7. Details of Seminars, Conferences, Refresher courses, Webinars Organised:

S. No.	Name of the Faculty member	Congress/Conference/Seminar/ Workshop/Symposia , Webniars etc. organised	State/National/ International Level	Date
1.	Dr. A. Unni Krishnan	Food Distribution	National Level	16-07-2024
2.	Dr. A. Unni Krishnan	Independence Day	National Level	16-08-2024
3.	Dr. A. Unni Krishnan	Skill Development Programme: Introduction to Non-Destructive Testing (NDT)	National Level	23/08/2024
4.	Dr. A. Unni Krishnan	Teachers Day Celebration	National Level	05-09/2024

S. No.	Name of the Faculty member	Congress/Conference/Seminar/ Workshop/Symposia , Webinars etc. organised	State/National/ International Level	Date
5.	Dr. A. Unni Krishnan	Onam Celebration	National Level	12-09/2024
6.	Dr. A. Unni Krishnan	Awareness Programme on Stress Management and Suicide Prevention	National Level	23-09-2024
7.	Dr. A. Unni Krishnan	Skill Development Programme- Way to Futuristic world	National Level	26-09-2024
8.	Dr. A. Unni Krishnan	Blood Donation Camp	National Level	23-10-2024
9.	Dr. A. Unni Krishnan	Fame Inaugural Function	National Level	11-11-2024
10.	Dr. A. Unni Krishnan	Professional Development Program- Harassing Artificial Intelligence in Research and Teaching	National Level	25-11-2024
11.	Dr. A. Unni Krishnan	Technical Workshop on Inter disciplinary innovations in Mechanical Systems	National Level	23-01-2025
12.	Dr. A. Unni Krishnan	Guest Lecture on Advanced Manufacturing Techniques	National Level	31-01-2025
13.	Dr. A. Unni Krishnan	Workshop on Overview of Insights in 3DPrinting	National Level	10-02-2025
14.	Dr. A. Unni Krishnan	Workshop on Design Now	National Level	28-02-2025
15.	Dr. A. Unni Krishnan	Synposium	National Level	19-03-2025
16.	Dr. A. Unni Krishnan	Seminar on Recent Trends in Mechanical Design	National Level	27-03-2025
17.	Dr. A. Unni Krishnan	Guest Lecture on Building the Future : A Quick Dive into BIM Innovation	National Level	02-04-2025
18.	Dr. A. Unni Krishnan	Seminar on Industrial Design Concepts and core Industry jobs for Mechanical Engineers	National Level	04-04-2025
19.	Dr. A. Unni Krishnan	National Conference on Recent Advances on Engineering and Technology (NCRAET 2K25)	National Level	23-04-2025
20.	Dr. A. Unni Krishnan	Professional Development Programme on Recent Advancements in Mechanical &Aeronautical Industries	National Level	15-05-2025

8. Publication of Research Papers at the State/National/International Levels:

S. No	Author(s)	Title of the paper	Journal with ISSN/Scopus/SC I/UGC care	Volume No. Issue No.	Year of Publication	Page No
1.	Dr. M. DevAnand	Comprehensive Analysis of Copper–Stainless Steel 304 Dissimilar Joints Using Electron Beam Welding	Scopus	4	4/2025	447
2.	Dr. M. DevAnand	Supply Chain Management Efficiency Improvement in the Automobile Industry Using Lean Six Sigma and Artificial Neural Network	Scopus	6	19/11/202	3278
3.	Dr. M. DevAnand	Factor analysis of environmental effects in circular closed-loop supply chain network design and modelling under uncertainty in the manufacturing industry	Scopus	1	02/25/2024	191
4.	Dr. M. DevAnand	Quantitative phase analysis of electron beam weldments of copper and stainless steel 304 using XRD and SEM-EDX	Scopus	1	2024	38
5.	Dr. M. DevAnand	Comparative Analysis of Flexural Properties of Bamboo-Glass Hybrid FRP Composites: Influence of Water Absorption	Scopus	5	11/10/2024	987
6.	Dr. M. DevAnand	Characterization of novel cellulosic fiber from agro-waste Licualagrandis leaf stalk for sustainable reinforcement in bio-composites	Scopus	2	12/2/2024	441
7.	Dr. M. DevAnand	Enhancing Electro Discharge Machining Performance for LM25 Aluminium Composite Using Mathematical	Scopus	5	2/1/2025	7095

S. No	Author(s)	Title of the paper	Journal with ISSN/Scopus/SC I/UGC care	Volume No. Issue No.	Year of Publication	Page No
		Modelling and GRA-Guided Particle Swarm Optimization Technique				
8.	Dr. M. DevAnand	Analysing the Performance Indicators in SME Using ISM - MICMAC Approach	Scopus		8/15/2024	38
9.	Dr. M. DevAnand	Development and Characterization of Spray Pyrolysis Nickel Coated Natural Bamboo Fiber Reinforced Polymer Composite	Scopus	5	12/11/2024	987
10.	Dr. M. DevAnand	Extraction and characterization of biofiber from the Phoenix sylvestris leaf sheath biowaste for probable reinforcement in polymer composites	Scopus	4	8/09/2024	585
11.	Dr. M. DevAnand	Fabrication and Flow Simulation of a Choked Flow Converging Nozzle	Scopus	9	10/09/2024	14147
12.	Dr. M. DevAnand	Investigation on Mechanical and Water Transport Properties of Papaya–Banana Fiber Based Hybrid Epoxy Composites Reinforced with Waste Matchsticks Particles	Scopus	3	8/26/2024	356
13.	Dr. M. DevAnand	Prioritizing Key Performance Indicators for the Mining Industry in Kerala: An AHP Approach	Scopus	3	7/10/2024	1145
14.	Dr. M. DevAnand	Employing Aluminum Matrix Composite for Stir Casting Process for Investigating the Performance of A1-6061	Scopus	1	8/29/2024	395

S. No	Author(s)	Title of the paper	Journal with ISSN/Scopus/SC I/UGC care	Volume No. Issue No.	Year of Publication	Page No
15.	Dr. M. DevAnand	Optimization of fiber content, length and its effect on overall properties of Licualagrandis leaf stalk fiber/polyester reinforced bio-composites	Scopus	3	8/24/2024	1
16.	Dr. M. DevAnand	A review on green corrosion inhibitors for magnesium and its alloy	Scopus	23	11/2/2024	5265
17.	Dr. M. DevAnand	Wear characterization of rare earth-based metal matrix composites reinforced with alumina and SiCp particles	Scopus	2	9/2/2024	218
18.	Dr. M. DevAnand	Evaluation of Fuel Consumption and Exhaust Emissions in a Single Cylinder Four-Stroke Diesel Engine Using Biodiesel Derived from Chicken Waste with Additives	Scopus	5	2/2/2025	395
19.	Dr. M. DevAnand	Coupling Coordination and Data Management for Additive Manufacturing Systems Based on Smart Logistics	Scopus	2	5/22/2025	326
20.	Dr. M. DevAnand	Parametric analysis of non-linear suspension system by optimal MR damper by rider model with sensor	Scopus	3	4/19/2025	278
21.	Dr. M. DevAnand	Analysing the Performance of a Manufacturing Firm Using Hierarchical Approach	Scopus	2	10/5/2024	1413
22.	Dr. M. DevAnand	Investigation of Intermetallic Compound	Scopus	3	8/2/2024	417

S. No	Author(s)	Title of the paper	Journal with ISSN/Scopus/SC I/UGC care	Volume No. Issue No.	Year of Publication	Page No
		Formation in Dissimilar Metal Welds between Copper and Stainless Steel using Gas Tungsten Arc Welding				
23.	Dr. M. DevAnand	A Review Study on Advancements in Reverse Supply Chain Management for Industrial Waste Management Process	Scopus	1	10/30/2024	163
24.	Dr. M. DevAnand	Effects of hydrogen and chicken waste blends in the internal combustion engines for superior engine performance and emission characteristics assisted with graphite oxide	Scopus	4	11/19/2024	483
25.	N.Shalom	Comparative Analysis of Flexural Properties of Bamboo-Glass Hybrid FRP Composites: Influence of Water Absorption	Scopus	3	10/30/2024	14147
26.	Mr. N.Shalom	Exploring the harmful textile and pharmaceutical industries pollutant degradation mechanism and biological applications of MgO – SiO ₂ nanocomposite for environmental sustainability	SCI	5	11/19/2024	356
27.	Dr.R.RameshPalappan	Financial Inclusiveness and Literacy Awareness of Fisherfolk in Kanyakumari District: An Empirical Study	Scopus	1	9/30/2024	1145
28.	Dr.G M Joselin	A review of aerodynamics	SCI	3	11/30/2024	395

S. No	Author(s)	Title of the paper	Journal with ISSN/Scopus/SC I/UGC care	Volume No. Issue No.	Year of Publication	Page No
	Herbert	investigation of aircraft through different techniques				
29.	Dr. Raja.S	Agro-waste of Sennaalata (L.) Roxb. stem: a sustainable biofiber material for lightweight composites and diverse applications	SCI	7	11/22/2024	1
30.	Dr. Raja.S	Greening the composite industry: Evaluating Lantana camaraVerbenaceae fiber as a promising substitute for lightweight polymer matrix 3composites	SCI		11/15/2024	5265
31.	Dr.N.Ramasamy	Exposing the role of silica nano particles and fiber stacking in mechanical, water absorption and biodegradation behaviors of banana-papaya hybrid composites	SCI	2	12/23/2024	218
32.	Dr.N.Ramasamy	Factor analysis of environmental effects in circular closed-loop supply chain network design and modelling under uncertainty in the manufacturing industry	SCI	4	2/2/2024	395
33.	Dr.N.Ramasamy	Investigation on Mechanical and Water Transport Properties of Papaya–Banana Fiber Based Hybrid Epoxy Composites Reinforced with Waste Matchsticks Particles	SCI	1	8/15/2024	326
34.	Dr.N.Ramasamy	Exposing the role of silica nanoparticles and fiber stacking in	SCI	2	12/23/2024	278

S. No	Author(s)	Title of the paper	Journal with ISSN/Scopus/SC I/UGC care	Volume No. Issue No.	Year of Publication	Page No
		mechanical, water absorption, and biodegradation behaviors of banana-papaya hybrid composites				
35.	Dr.N.Ramamy	Smart Sight: Intelligent Vision for Stroke Lesion Detection and Classification	Scopus	2	8/31/2024	1413
36.	Dr.N.Ramamy	Analysing the Performance Indicators in SME Using ISM - MICMAC Approach	Scopus	1	10/24/2024	417
37.	Dr.R.Rajesh	Extraction and characterization of biofiber from the Phoenix sylvestris leaf sheath biowaste for probable reinforcement in polymer composites	SCI	2	8/26/2024	163
38.	Dr.R.Rajesh	Characterization of carbon nanopowder coating with peek substrate on magnesium alloy (AZ31B)	SCI	1	7/24/2025	447
39.	Dr.R.Rajesh	Optimization of fiber content, length and its effect on overall properties of Licualagrandis leaf stalk fiber/polyester reinforced bio-composites	Scopus	3	8/29/2024	3278
40.	Dr.N.Ramamy	Smart Sight: Intelligent Vision for Stroke Lesion Detection and Classification	Scopus	4	8/24/2024	191
41.	Dr.N.Ramamy	A Review Study on Advancements in Reverse Supply Chain Management for Industrial Waste Management Process	SCI	5	11/2/2024	38

S. No	Author(s)	Title of the paper	Journal with ISSN/Scopus/SC I/UGC care	Volume No. Issue No.	Year of Publication	Page No
42.	Dr.N.Ramasamy	Prioritizing Key Performance Indicators for the Mining Industry in Kerala: An AHP	Scopus	1	9/2/2024	987
43.	N.Shalom	A Study on the potential industrial effluent remediation applications of CdS nanoparticles through niobium incorporation	SCI	1	2/2/2025	441
44.	Dr.R.Rajesh	Enhancing Mechanical Properties of Al6061 Alloy with Zirconium and Titanium Carbide Reinforcements	SCI	2	5/22/2025	7095
45.	Dr.R.Rajesh	Optimization of fiber loading, fiber length and mathematical modelling of Phoenix Sylvestris leaf sheath biocomposites for structural applications	SCI	2	4/19/2025	38
46.	Dr.R.Rajesh	A review on green corrosion inhibitors for magnesium and its alloy	Scopus	3	10/5/2024	987
47.	Dr.R.Rajesh	Static and modal analysis of turbine rotor blade at an angle of 21°	Scopus	1	8/2/2024	585

9. Details of patents applied/awarded:

S. No.	Name of the Faculty member	Title	Date of filing	Application No.	Award No.
1.	R.Aniverchanth, P.Berlin Push	Flower oil extraction machine	19/12/24	441137-001	441137-001
2.	R.Aniverchanth, P.Berlin Push, N.shalom, S.Raja	Plant watering system with auto off motor	31/3/25	453751-001	453751-001
3.	N.Shalom, R.Rajesh, M.Devanand	Metal detection system	28/8/24	428647-001	428647-001
4.	Dr.A.Unni Krishnan	Ground water potential evaluation using gis and multi criteria decision making techniques	10/03/2025	8179/2025-CO/L	8179/2025-CO/L

S. No.	Name of the Faculty member	Title	Date of filing	Applicati on No.	Award No.
5.	Dr.M.Devanand	Intelligent library automation management system with agvs and robotics	7/1/2025	L- 159446/2025	L- 159446/2025
6.	Dr.N.Ramasamy	Animal detecting and alerting device for agricultural field	13/2/2025	447956-001	447956-001
7	R.Rajesh,R.AniverChanth,M.DevAnand,N.Shalom	Road Accident Detection and Reporting system.	10/01/2025	443741-001	443741-001

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/ Place	Year
1.	Dr.M.Devanand	Advance in Composites and Advanced Materials Machining	CRC	2025
2.	Dr.R.Rajesh	Advance in Composites and Advanced Materials Machining	CRC	2025
3.	Dr. S. Raja	Advance in Composites and Advanced Materials Machining	CRC	2025
4.	Dr. S. Raja	Sustainable Fillers /Plasticizrs for Polymer Composites	Science Direct	NOV 2024
5.	Dr. S. Raja	Selection Criteria and Design of Sustainable green materials for sSpecificomposites	Science Direct	NOV 2024
6.	Dr. S. Raja	Processing and application of bio- fillers /bio plasticiers and their effects in polymeric composites	Science Direct	NOV 2024
7.	Dr. S. Raja	Bio Based polymers their source and applications	Science Direct	NOV 2024
8.	Dr. S. Raja	Futuristic prospects of bio based fillers for industrial appliacations	Science Direct	NOV 2024
9.	Dr. Berlin Push. P	Materials Management.	San International	2024
10.	R.Rajesh,M.Dev Anand,S.Raja	Enhancing Electro discharge machining performance for LM25 Aluminium composite using mathematical modeling and GRA-guided particle swarm optimization techniques.	Taylor & Francis	2025

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO.	Name of the Programme / Branch of study	Sancti oned Streng th	Enrolment during 2024-25		Tota l	Community														Existing Students, Strength						Pass Percent age of out going batch
			F	M		OC	BC		BCM		MBC/ DNC		SC		SCA		ST		II year		III year		IV year			
							M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	
	UG Programme	60		14	14	2		10				2								16		26		48		92%
	PG Courses	36		11	11	3		8												3						100%
	Ph.DProgram me	32		02	02	1		1												8		4		2		
	Diploma Certificate add on Courses (if any)	-																								
	MOOC/SWA YAM/NPTEL/ UGC online courses offered	-																								
	Total	128		27	27	6		19				2								27		30		50		

12. Enrolment of Students from Overseas and other States: NIL

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	

13. U.G./P.G. and Research degrees awarded:

S. No	UG		P.G.		Ph.D.		
		Total		Total	FT	PT	Total
	44	44	3	3		2	2

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded :NIL

S. No.	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1					

15.ScholarshipsAwarded:Nil

S. No.	Nature of Scholarship	P.G.		Ph.D.		Total Amount Rs.
		M	F	M	F	
1	B.C.(State)					
2	B.C.M.(State)					
3	M.B.C./D.N.C.(State)					
4	SC/SCA/ST(National)					
5	SC/SCA/ST(State)					
6	AICTE/UGC Scholarships					
7	Management Scholarships					
8	Loan Scholarship					
9	MoovalurRamamirthamAmmaiyar Scheme					
10	'Pudhumai Penn' (modern woman)					
11	TamizPuthalvan					
12	Others (please Specify the scholarship)					
	Total					

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s	App.	Pa ss	App.	Pa ss
1.	B.E	14	08	14	08	16	01	16	01	26	12	26	12	48	42	48	44
2.	M.E	11	06	11	10	03	01	03	03								

17. Placement Details:

Name of the Placement co-ordinator: Dr. T. Judson Durai			
Phone/Mobile Number :e-mail: judsondurai@niuniv.com			
Number of Placement Programmes:17			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	44	
2	Number of Placements obtained through Campus Interview	9	
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	9/44	

18. Outstanding achievements by the Faculty Members:

S. No.	Name of the Faculty	Achievements	Agency
1	Dr. R.Rajesh	Best Faculty Award	NICHE
2	R.Aniverchanth, P.Berlin Push	Patent Granted Certificate Received	IPR,Govt of India
3	R.Aniverchanth, P.Berlin Push, N.shalom, S.Raja	Patent Granted Certificate Received	IPR,Govt of India
4	N.Shalom, R.Rajesh, M.Devanand	Patent Granted Certificate Received	IPR,Govt of India
5	Dr.A.Unni Krishnan	Patent Granted Certificate Received	IPR,Govt of India
6	Dr.M.Devanand	Patent Granted Certificate Received	IPR,Govt of India
7	Dr.N.Ramasamy	Patent Granted Certificate Received	IPR,Govt of India
8	Dr.M.DevAnand	Award of Distiction	NICHE
9	Dr.G.M. Joselin Herbert	Award of Distiction	NICHE
10	Dr.N.Ramasamy	Award of Distiction	NICHE
11	Dr.R.Rajesh	Award of Distiction	NICHE
12	Dr.S.Raja	Award of Distiction	NICHE
13	Dr.P.Jerold Jose	Award of Distiction	NICHE
14	Dr.R.RameshPalappan	Award of Distiction	NICHE
15	Mr.A.Unni Krishnan	Award of Distiction	NICHE
16	Mr. R Rabin	Award of Distiction	NICHE
17	Mr. Shalom. N	Award of Distiction	NICHE

19. Outstanding achievements by Students:

S. No.	Name of the Student	Achievements	Agency
1	SatheeshS.M,Sujin.A.S,Ragunathav Sethupathi.G.K,SahayaAjin	Received fund for doing Project	TNSCST
2	Jerbin E Moses Leo jothi	Participation in Cocurriular/ hecathan	NICHE

S. No.	Name of the Student	Achievements	Agency
3	Nithishkumar Siva P Jerbin E Moses	Research Projects	NICHE
4	AmalDavid.M	Received seed mony for doing project	NICHE

20. Department MeetingsHeld :
BOS,Programe Committee, Course Committee etc.

S.No	Name	Date
1.	BOS	20/2/2025(External) 30/5/2025(Internal)
2	Programe Committee	26/02/2025 25/03/2025 06/05/2025
3	Course Committee	11/03/2025 07/04/2025 06/05/2025 02/08/2024 24/09/2024 22/10/2024 08/08/2024 28/09/2024 02/11/2024 15/10/2024

21. Infrastructure and Research facilities available (Please specify equipments more than TwoLakhs Only) : NIL

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical

22. Extension activities carried out :

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	NSS(Blood Donation)	TNBTC&TNAS	23/10/24	NICHE
2	NCC			
3	YRC	Suffering Patient	12/3/25	YRC - Nagercoil
4	Community engagement	CSI school for differentialyabled,AI encode	16/7/2024	Polio Home – Neyyoor
5	GovernemntProgrammes	Skill Development Programme: Introduction to Non-Destructive Testing (NDT	16-08-2024	NICHE
6	National and International days observed	Independence Day	15-08-2024	NICHE

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library:

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	1447	7	No. of titles available	NILL
2	Books added during the year 2024-25	Nill	8	No. of CDs and Digital Books Available	Nill
3	No. of Indian Journals/Magazines	Nill	9	No. of Foreign Magazines/Journals	Nill
4	No. of data bases available	Nill	10	No. of Online Journals	Nill
5	Average No. of students visiting the Library per day	15	11	Average No. of books Issued per day	7
			12	No. of digital books	Nill
6	Availability of Internet (Specify the Capacity) (e.g. – 8 Mbps etc.,)	Nill	13	Availability of Language Lab	Nill
			14	NDL membership 13. Faculty members 14. Students	Nill

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.
1	Smart Bord	SPECTRON	1

25. Collaborative Researches : NIL**26. Consultancies undertaken : NIL**

27. No. of NET/SET/GATE/CSIR Other Compentetive Examinations Qualified students:
NIL

28. MOUs signed :

S.No	Date	MoU signed with	Number of Activities	Remarks
1	15/03/2025	3D Additive Tech	-	-
2	05/08/2024	CAD POINT	1 Students development Program	

29. Innovations and Best Practices :

S.No	Innovation and Best Practices	Name of the Programme	Date
1	ICT tooloes used	Workshop on Design Now	28/02/2024
2	Teaching and learning initiatives	Professional Development Program- Harassing Artificial Intelligence in Research and Teaching	25/11/2024

S.No	Innovation and Best Practices	Name of the Programme	Date
		Professional Development Programme on Recent Advancements in Mechanical &Aeronautical Industries	15/05/2025
4	Eco friendly and sustainable practices	Awareness Programme on Stress Management and Suicide Prevention	23/09/2024
5	Industrial and Academic connect activities	Workshop on Overview of Insights in 3DPrinting	10/02/2025
6	BIM(S8Mech) Solidworks(S6 Mech) &Autocad(S4 Mech)	Software training programme	03/04/2025 to 24/04/2025 06/02/2025 to till date
7	PMKVY	skill development programme	01/08/2024 to 14/12/2024

30. Academic Flexibility : NIL

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed

31. Membership in professional bodies: NIL

S.No	Name of the Professional Body	No. of members

32. Alumni Meetings held:

S.No	Date	Purpose
1	28/09/2024	Role of media in Education
2	27/10/2024	Skill Development Program
3	22/04/2025	Significance of Strong Fundamentals in Engineering
4	24/4/2025	Seeds of Success: Alumni Entrepreneur Journeys
5	17/05/2025	Academic Growth& Research Opportunities

33. Any other Information:

NAME OF THE DEPARTMENT: FACULTY OF MANAGEMENT STUDIES

1. Department Details :

Name of the Faculty	FACULTY OF MANAGEMENT STUDIES
Name of the HoD, Phone No. and E-mail ID	Dr JUBI R, 9447472428, jubi@niuniv.com
Year of Establishment	1997
Telephone Number	9486857634
Website / E mail	mba@niuniv.com

2. Details of Faculty Members and Supporting staff :

Sl. No.	Name of the Faculty Members and Supporting staff	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
1	Dr. K. A Janardhanan	MBA, Ph.D (Mg) M.Phil., Ph.D(P.A).	Professor , Dean, Director - HRM	HRM, Disaster Management	31	16	kajanardhanan@yahoo.com , 9443128025
2	Dr Jubi R	B.Tech, MBA, M.Phil., Ph.D	Professor & HoD	Operations	28	14	jubi@niuniv.com 9447472428
3	Dr.D.Kinslin	M.Com., MBA., M.Phil., PGDCM ., Ph.D.	Professor	Finance	26	21	kinslin@niuniv.com 9442075559
4	Dr. R. Radhika	MA., MBA M.Phil., Ph.D	Associate Professor	HRM	16	11	rdhujaasourish@gmail.com 9486941177
5	Dr. V. P. Velmurugan	M. Com., MBA., Ph.D. B.L	Associate Professor	Finance	18	15	velmurugan@niuniv.com . 9894277753
6	Dr. Thanga Durai	M.A., M.Phil, M.Ed., M.Phil.(Edn), MBA, Ph.D.	Associate Professor	Economics, Marketing	31	26	ethangadur@gmail.com 9486796010
7	Dr. Kavitha Rani. R	MBA, MPhil., PhD	Assistant Professor	Marketing, HRM	9	1	kavithar480@gmail.com 8300069008
8	Dr. Asha. K	MBA., M.Phil. Ph.D	Assistant Professor	Marketing, HRM	8	6	drashak@niuniv.com 9486418130
9	Prof.Jenusha Ananth Y	M.Com. MBA	Assistant Professor	Finance HRM	7	-	jenushay@gmail.com 9488386522

Sl. No.	Name of the Faculty Members and Supporting staff	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
10	Dr .Lija P	MBA., M.Phil., Ph D	Assistant Professor	HRM	7	-	lijajohn.mba@gmail.com 8754107343
11	Dr Kishore J S	MBA.	Assistant Professor	Marketing	5	1	kishorekichu6197@gmail.com 9585047414
12	Prof. R. Gokula Chandran	MA. MBA, Dip. Ger.	Assistant Professor	Aviation	4	-	gokuls_chandran@yahoo.co.in 9487249710
13	Prof. Agnes pravina	MBA., M.Phil.,	Assistant Professor	Finance	6	-	xagnespravina26@gmail.com 9047274224
14	Dr.Inba Saharan J.R	MBA., M.Phil., Ph D	Assistant Professor	Finance	18	-	irinbasaharan@gmail.com 9443593667
15	Dr.Deekshith .D	MBA., Ph D	Assistant Professor	Marketing	8	-	dichi28@gmail.com 8148642903
16	Dr.Retheesh Palakkkuzhyil	MBA, PhD	Associate professor	Travel & Tourism	20		ratheeshp@niuniv.com 9059055353
17	Dr Prasida Sunanada	MBA PhD	Assistant Professor	HR	20	--	prasidasunandas@gmail.com 9495952025
18	Mr Joshy Mathew K	B.Com, MBA, MCom.	Assistant Professor	Finance	8	-	joshymathew@niuniv.com 8078467547
19	Dr Fenin Samuel	MBA ,PhD	Assistant Professor	Operations	15	1	feninsml@gmail.com 9486865382

3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		Chapter s/ Books		API		Ph.D. awarded		Cumulative Scholars
		24 - 25	Cumulative	24 - 25	Cumulative	24 - 25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	Ph.D.
1	Dr. K. A Janardhanan	3	12	6	151	14	132	-	4	140	165	1	5	12

S. No.	Name	h index		Publications		Citations		Chapter s/ Books		API		Ph.D. awarded		Cumulative Scholars
		24 - 25	Cumulative	24 - 25	Cumulative	24 - 25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	Ph.D.
2	Dr Jubi R	3	12	2	57	7	70	2	5	120	240	---	---	4
3	Dr.D.Kinslin	4	22	9	278	62	1870	1	7	225	325	3	16	22
4	Dr. R.Radhika	1	2	5	73	5	24		7	91		1	8	6
5	Dr. V. P. Velmurugan	1	2	4	18	3	22	--	---				5	13
6	Dr. Kavitha Rani. R													4
7	Dr. Asha. K	2	3	6	6	1	7	2	3					3
8	Prof.Jenu sha Ananth Y				4									
9	Dr .Lija P			6										4
10	Dr Kishore J S													
11	Prof. Agnes Pravina X			3										
12	Dr.Inba Saharan J.R													
13	Dr.Deekshith .D													2
14	Dr Prasida Sunanada				4									
15	Mr Joshy Mathew K			1	3									
16	Dr Fenin Samuel													3

4. Research Schemes/Projects undertaken and applied for :

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1	---	---	---	---	---	---

5. a) Participation of the Faculty members, presentation of papers in Congresses/Conferences/Seminars/Workshops/Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/Seminar / Workshop and Venue	Title of the paper	Date
1	Dr. K.A. Janardhanan	Applied Science and Technology-Paper Presentation	Talent acquisition and its role in enhancing employee satisfaction and retention in star-rated hotels	21 st August 2024
		Applied Science and Technology Paper Presentation	Bridging the Divide: Analyzing the Gap Between Engineering Education and Industry Institute Interaction in Kerala	6 th September 2024
		ICRACCCT' 24 – International Conference on Advancement in Science, Engineering & Management (ICSEM)-2025, Vidya Vihar Institute of Technology, Bihar	Enhancing research precision and efficiency with integrated MIS	11 th May 2025.
		ICIET-2025, IT Department, NICHE	A study on the impact of performance Management Practices in job satisfaction of employees in IT Sector.	11 th May 2025.
		ICIET-2025, IT Department, NICHE	The role of ICT in Enhancing the Teaching- Learning Process in B School Courses in Kerala	3 rd April '25
		National Congerence on Green Management Practces, FMS, NICHE	Talent Acquisition Strategies on Employer satisfaction and Retention in Kerala	3 rd April '25
2		Institute for Scholarly Research and Training, Chennai	Green HRM Management Practices and their impact on organizational Sustainability	15 th April 2025
		Institute for Scholarly Research and Training, Chennai	A step by step Guide for Research Writing and publishing in Indexed Journals.	21 st December 2024.

S. No.	Name of the Faculty	Congress/Conference/ Seminar / Workshop and Venue	Title of the paper	Date
	Dr Jubi R	NEHRUCOOLEGE OF ENGINEERING AND RESEARCH CENTRE	Impact of Digital Marketing for Economic Development of Kerala"	January 8, 2025
		Kovilpatti Nadar Uravinmurai Sangam College	A STUDY ON THE IMPACT OF THE ADOPTION OF DIGITAL LITERACY ON e-BANKING "	January 23, 2025
		Happy Valley Business School	"The role of performance indicators on rural women development with respect to organizational capacity"	February 21, 2025
		MEFIVA2025, NICHE	THE ROLE OF SOCIAL MEDIA ON BUSINESS PERFORMANCE IN INDIAN SCENARIO"	May 22, 2025
		TECHNOLOGY MANGEMENT PRACTICES IN THE DIGITAL ERA(ICTMPDE'25), NIC HE	Technology Management Practices in the Digital Era: A Review"	May 23, 2025
		TECHNOLOGY MANGEMENT PRACTICES IN THE DIGITAL ERA(ICTMPDE'25), NIC HE	ROLE OF AI IN ENHANCING DIGITAL TRANSFORMATION IN AIRLINE	May 23, 2025
		TECHNOLOGY MANGEMENT PRACTICES IN THE DIGITAL ERA(ICTMPDE'25), NIC HE	ROLE OF DIDGITAL LEADERSHIP IN ADDRESSING CHALLENGES OF DIGITAL TRANSFORMATIONS IN ORGANIZATIONS.	17th – 29th March 2025
		TECHNOLOGY MANGEMENT PRACTICES IN THE DIGITAL ERA(ICTMPDE'25), NIC HE	Navigating the complexities of Corporate and Business Law	10-14 June 2025
		Refresher Course – SRCC-MMTTC- University of Delhi	Research integrity:Methods, Ethical Pratices, and role of Altmetrics and reference	16-20 June 2025

S. No.	Name of the Faculty	Congress/Conference/ Seminar / Workshop and Venue	Title of the paper	Date
		FDP, R&D ,NICHE	Tools Research Excellence :Learning Strategies and Academics Success in Non- Traditional Techniques	23 rd to 29 th April 2025
		FDP, R&D ,NICHE	Academia@2047	
		FDP-FMS ,NICHE		
3	Dr.R.Kavitha Rani	International conference, Dept.Of IT, NICHE	Impact of AI -Driven Recruitment tools on hiring efficiency and diversity in organisations	April 3, 2025,
		National conference,FMS,NICHE	Green Human Resource Management: Strategies for Sustainable Organizational Development	April 15, 2025
		National conference, FMS,NICHE	Green Supply Chain Management	April 15, 2025
		National conference, FMS,NICHE	Developing a Green Management Framework for Sustainable Organizations	April 15, 2025
		National conference, FMS,NICHE	Advancing Sustainability through Green Technology and Innovation	April 15, 2025
		National conference, FMS,NICHE	Greening the employee lifecycle sustainable HR practices in it industry	April 15, 2025
		National conference, FMS,NICHE	Green Marketing A sustainable Approach to Business	April 15, 2025
		International conference, FMS,NICHE	Technology Management Practices in the Digital Era: Navigating Change, Innovation, and Strategic Alignment	23 May 2025
		International conference FMS,NICHE	Innovating for Impact: Change Management Practices in ANERT's Rooftop Solar Project Implementation	23 May 2025
		International conference FMS,NICHE	Impact of E-HRM Tools on Employee performance in the Banking Sector	23 May 2025
		Online Worshop,HI Learn Edutech Institute	Advanced Research Methodology	26-27 February

S. No.	Name of the Faculty	Congress/Conference/ Seminar / Workshop and Venue	Title of the paper	Date
		Karnataka		2025
		One line FDP, HI Learn Edutech Institute Karnataka	Innovative Teaching Strategies	6-12 March 2025
		FDP, R&D ,NICHE	Research integrity:Methods, Ethical Pratices, and role of Altmetrics and reference Tools	10-14 June 2025
		FDP, R&D ,NICHE	Research Excellence :Learning Strategies and Academics Success in Non-Traditional Techniques	16-20 June 2025
		Refresher Course – SRCC-MMTTC- University of Delhi	Navigating the complexities of Corporate and Business Law	17th – 29th March 2025
4	Dr.D.Kinslin	International Journal of Knowledge Management Studies, Vol. 16, No. 1, PP. 77-94	Conceptual study on e-banking systems and customer satisfaction using deep learning and blockchain	June 2025
		International Journal Publication-IJMR	Emotional Intelligence at the workplace-A case study of women journalists.	July 2024
		International Journal Publication-IJARESM	Stress management of women employees at the workplace-A Review	August 2024
		INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN CLOUD COMPUTING AND COMMUNICATION TECHNOLOGY (ICRACCCT' 24)	Enhancing research precision and efficiency with integrated MIS	6th September 2024
		Multidisciplinary Research on Integrating Knowledge for Sustainable Future in Global Outlook	Relationship between work resilience work Engagement and Job satisfaction	October 2024
		Indian Journal of Information Sources and Services (Scopus)	Harnessing Emotional Intelligence: Enhancing Employee Performance in Kerala's Retail Textile Industry	November 2024
			Occupational safety and health issues among workers engaged in unorganized	December 2024

S. No.	Name of the Faculty	Congress/Conference/ Seminar / Workshop and Venue	Title of the paper	Date
		Edelweiss Applied Science and Technology (Scopus)	sectors of Kerala	December 2024
		Edelweiss Applied Science and Technology (Scopus)	Role of customer experience and customer engagement in organised retail apparel stores with respect to select cities in Kerala Bridging the Divide: Analyzing the Gap Between Engineering Education and Industry Institute Interaction in Kerala	March 2025
		Indian Journal of Information Sources and Services (Scopus)	Navigating Challenges in Engineering Education: A Comprehensive Examination of Kerala's Landscape and Policy Interventions	March 2025
		Indian Journal of Information Sources and Services (Scopus)	Relationship between work resilience, work engagement, and job satisfaction among women in media	23rd to 29th April '25
		International Conference, DMI St. John the Baptist University.	International Conference, SN Open University, Kerala	2024, October
		Tribal entrepreneurship challenges.	International Conference organized by Faculty of Management Studies (FMS), NICHE.	2024, December
		A shift from print to digital: The role of technology in media industry and its future – A comparative analysis of Gen X and Millennials in journalism.	National Conference, Naipunya School of Management.	23rd May 2025
		Predictive analytics and talent retention in media – A review.	National Conference organized by Faculty of Management Studies (FMS), NICHE	2024, December
		Green management in	Academia @2047	23 rd to 29 th April 2025

S. No.	Name of the Faculty	Congress/Conference/ Seminar / Workshop and Venue	Title of the paper	Date
		media industry: The future of environmental sustainability – A critical review Six Days online ,FMS,NICHE		
5	Dr. V. P. Velmurugan	Indian Council of Social Science Research (ICSSR) sponserd two days Seminar on 12 th and 13 th December 2024, Karnataka College of Management and science, Bangalore, Karnataka	An Examination of Nurses’ Emotional Inteligence in connection to Job Stress and Performance	13th December 2024
		Internatiopnal Conference St. Xavier’s Catholic College of Engineering, Chunkankatai, Nagercoil, Kanyakumari District Tamil nadu	Strategic HRM Practices A Comparative Study of Workforce Management in Public and Private Sectors	8th April 2025
SRCC-Delhi		Refresher Course – MMTTC-University of	Navigating the complexities of Corporate and Business Law	17th – 29th March 2025
6	Dr. P. Lija	International Conference on Disruptive Practices in Business and Management- Integrating Industry 5.0	The Impact of Ethical Climate on Emotional Engagement in Handloom Industry with reference to	25th Feb 25
		International Conference on Technology Management Practices in the Digital Era	Exploring the Role of External Leadership in Family Business Success: A Comprehensive Literature Review	23rd May 2025
		International Conference on Technology Management Practices in the Digital Era	Sustainable Logistics Strategies for Reducing Carbon Emissions	23rd May 2025
		International Conference on Technology Management Practices in the Digital Era	Impact of Emotional Labor on Job Satisfaction: A Study among Nurses in Kollam District	23rd May 2025
		International Conference on Technology Management Practices in the Digital Era	ESG as a Catalyst for Effective Skill Development: A Strategic Evaluation	23 rd May 2025

S. No.	Name of the Faculty	Congress/Conference/ Seminar / Workshop and Venue	Title of the paper	Date
		International Conference on Innovations in Engineering and Technology, IT ,NICHE	The Synergy of Emotional Intelligence and Artificial Intelligence for Sustainable HR Practices	2 nd and 3 rd April 2025
		International Conference on Innovations in Engineering and Technology, IT ,NICHE	Examining the Impact of External Executives on Leadership, Growth, and Sustainability in Family Business	2 nd and 3 rd April 2025
		International Conference on Innovations in Engineering and Technology, IT ,NICHE	Surviving the Disruption wave: The Shift from Degrees to Skills in IT Jobs	2 nd and 3 rd April 2025
		International Conference on Innovations in Engineering and Technology, IT ,NICHE	A Study on Factors influencing Talent Management in IT Industry	2 nd and 3 rd April 2025
7	Dr Fenin Samuel	Department of Mechanical Engineering, Stella Mary's College of Engineering in association with IPE and SAE	Sustainable and Intelligent Systems for Engineering Innovation-FDP	06.01.2025 to 11.01.2025
		The University of Engineering & Management Jaipur, Rajasthan and Nirmala College, Muvattupuzha (Autonomous), Kerala in association with IPSR solutions limited	Outcome Based Education and Application of Generative AI in Teaching and Research- FDP -One Week National Level	19 September 2024 to 28 September 2024
		Refresher Course – SRCC- MMTTC-University of Delhi	Navigating the complexities of Corporate and Business Law	17th – 29th March 2025
8	Dr Deekshith D	Department of Mechanical Engineering, Stella Mary's College of Engineering in association with IPE and SAE	Sustainable and Intelligent Systems for Engineering Innovation-FDP	06.01.2025 to 11.01.2025
		The University of Engineering & Management Jaipur, Rajasthan and Nirmala College, Muvattupuzha (Autonomous), Kerala in association with IPSR solutions limited	Outcome Based Education and Application of Generative AI in Teaching and Research- FDP -One Week National Level	19 th September 2024 to 28 September 2024

S. No.	Name of the Faculty	Congress/Conference/ Seminar / Workshop and Venue	Title of the paper	Date
9	Dr Asha K	Symbiosis International Deemed to Be University	Empowering Educators to Lead Sustainable Development: Integrating SDGs into Business Education	20th to 25th January 2025
		Stella Marys College of Engineering	Sustainable and Intelligent Systems for Engineering Innovation- FDP -One Week National Level	06th to 11 th January 2025.
		Central University of Jammu	Entrepreneurship Development -Online FDP	02nd to 07th December 2025
		Refresher Course – SRCC-MMTTC-University of Delhi	Navigating the complexities of Corporate and Business Law	17th – 29th March 2025
10	Joshy Mathew K	9 th International Conference on Economic Growth and Sustainable Development- Emerging Trends Six days Faculty Development Programme Faculty of Management Studies, NICHE	Optimisation of Monetary Policy Instruments Criteria for Niche Banks using Delphi and Full Consistency Method (FUCOM) Academics@2047	Nov 2025 23 rd to 29 th April 2025.
11	Agnes Pravina X	International Conference on Technology Management- Practices in the Digital Era	A Study on the fisheries sector in Tamilndu – Anoverview of Current Demand and future Prospects	23rd May 2025
		International Conference on Innovations in Engeering and Technology	A Study on Financial Aid and Government Support Programs for Fishermen	2nd and 3rd April 2025
		National Conference on Green Management Practices	A Study on Brand Awareness and brand perception of wheels India limited	15th April 2025
		Refresher Course – SRCC-MMTTC-University of Delhi	Navigating the complexities of Corporate and Business Law	17th – 29th March 2025
12	Dr. Prasida Sunanda	Two day international conference on Innovations in Engineering and Technology organized by	The Role of ICT in Enhancing the Teaching Learning Process in B-School Courses in Kerala.	2 nd and 3 rd April 2025

S. No.	Name of the Faculty	Congress/Conference/ Seminar / Workshop and Venue	Title of the paper	Date
		the Department of Information Technology, NICHE, Kumaracoil Six Days online, FMS, NICHE	Academics@2047	23 rd to 29 th April 2025.
13	Dr. R.Radhika	ICIET – 2025 International Conference On Innovations In Engineering And Technology	A Study on Financial Aid and Government Support Programs for Fishermen X.	2nd & 3rd APRIL 2025
		ICIET – 2025	An Overview on Entrepreneurship Awareness Programmes (EAPS) and Impact on the Promotion of Youth Entrepreneurship in India	2nd & 3rd APRIL 2025
		ICIET – 2025	A Study on Gaps in Providing Financial Assistance to MSME's	2nd & 3rd APRIL 2025
		ICIET – 2025	Challenges of Integrating and using HR Analytics in Talent Management Practices in the IT Industry	2nd & 3rd APRIL 2025
		ICIET – 2025	Customer Perception towards Electric Vehicles Dr. R. Ramesh Palappan, Dr. R. Radhika	2nd & 3rd APRIL 2025
		NCGMP'25 National Conference on Green Management Practices.	Impact of Green Digital Marketing on Eco- conscious Consumer Behaviour.	15 APRIL 2025
		NCGMP'25 National Conference on Green Management Practices.	Green Human Resource Management Strategies for a Sustainable Future.	15 APRIL 2025
		NCGMP'25 National Conference on Green Management Practices.	A Holistic View on Green Banking.	15 APRIL 2025
		ICTMPDE' 25 International Conference on Technology Management Practices In the Digital ERA.	Data -Driven Talent Management: Exploring the Impact of HR-Analytics in the IT Industry.	23, May 2025
		ICTMPDE' 25 International Conference on Technology Management Practices In the Digital ERA.	Artificial Intelligence in Agriculture for Optimization of Irrigation.	23, May 2025

S. No.	Name of the Faculty	Congress/Conference/ Seminar / Workshop and Venue	Title of the paper	Date
		ICTMPDE' 25 International Conference on Technology Management Practices In the Digital ERA.	An Analytical Study Of Forecasting on Airline Revenue Management.	23, May 2025
		ICTMPDE' 25 International Conference on Technology Management Practices In the Digital ERA.	A Study of the Fisheries Sector in Tamil Nadu : An Overview of Current Demand and Future Prospects.	23, May 2025
		ICTMPDE' 25 International Conference on Technology Management Practices In the Digital ERA.	A Study on Remote work and Virtual Team Management in Human Resource Management in Digital Era	23, May 2025
		Refresher Course – SRCC-MMTTC-University of Delhi	Navigating the complexities of Corporate and Business Law	17th – 29th March 2025
14	Dr J RInbasaharan	Five Days online FDP by Marudhar Kesari Jain Colelge for Women ,Tirupattur.	Next Gen Research strategies from AI Tools to PublicationMastery	4 th to 8 th December 2024
		Six days Days online FDP,valluvar College of Sciencve and Mangement, Karur.	Digital Landscape for Tech Savviness: An essential for Modern Educators	11 th to 16 th Dec.2024
		Six days Faculty Development Programme Faculty of Management Studies, NICHE	Academics @ 2047	02-04-2025 & 03-04-2025
15	Ms Jenusha Ananthu	Refresher Course – SRCC-MMTTC-University of Delhi	Navigating the complexities of Corporate and Business Law	17th – 29th March 2025
		International Conference on Innovations in Engineering and Technology (ICIET-2025), Department of Information Technology, NICHE	A Study on challenges faced by Rural Beneficiaries in Accessing and Utilizing PMJDY	02-04-2025 & 03-04-2025
		Six days Faculty Development Programme Faculty of Management Studies, NICHE	Academics @ 2047	23-04-2025 to 29-04-2025
		Five days Faculty Development Programme on Development and Consultancy (BRDC), NICHE	“ Research Integrity: Methods, Ethical Practices, and the Role of Altmetrics and Reference Tools” , Board of Research,	10-06-2025 to 14-06-2025

S. No.	Name of the Faculty	Congress/Conference/ Seminar / Workshop and Venue	Title of the paper	Date
		Five days Faculty Development Programme on, Board of Research, Development and Consultancy (BRDC), NICHE	“ Research Excellence: Learning Strategies and Academic Success in Non-Traditional Techniques”	16-06-2025 to 20-06-2025
16	Dr Kishore J S	Refresher Course – SRCC-MMTTC-University of Delhi Six Days online ,FMS,NICHE One week National Level FDP University of Engineering and Management Jaipur(A-Grade University) International online Workshop- Institute for Statistics and Analytical Research,Chennai	Navigating the complexities of Corporate and Business Law Academia@2047 OBE- Application of Generative AI in teaching & Research Data Analysis using Google sheets and AI Tools	17 th – 29 th March 2025 23 rd – 29 th April 2025. 19 th 28 th Sept.2024 22 nd to 24 th June 2024
17	Mr Gokula Chandran	Five Days International FDP ,Hindusthan College of Arts and Science,Coimbatore. Six Days online, FMS, NICHE	Holistic development and Innvoations for Sustainable Success. Academia@2047	26 th March to 2 nd April 2025 23 rd – 29 th April 2025.
18	Mr.Abinesh Ananth M K	National Level six days FDP Stella Mary's College of Engineering Six Days online ,FMS,NICHE	Sustainable and Intelligent Systems for Engineering Innovation Academia@2047	6 th to 11 th January 2025 23 rd – 29 th April 2025
19	Dr. Thanga Durai	Six Days online, FMS,NICHE	Academia@2047	23 rd – 29 th April 2025.

b) Foreign Faculty/Expert visit to the Department:

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1	Mr. Sreejith Thilakan. S Strategy and Business	Accounts Receivable Manager ,BarAI	UAE	19-03-2025	One Day Workshop on

S. No.	Name & Designation	Institute	Country	Duration	Purpose
	Consultant	Samaa Group of Hospital ,Muscat.			Case Analysis
2	Dr. Sankar Ganesh	Dean, Faculty of Management, Sharda University	Uzbekistan	21-02-2025	Guest of International Management Day
3	Mr Baiju. P	Second Officer – Navigation Officer, Merchant Navy, D'Amico Shipping Company	Italy	03-03-2025	Skill Development Program on Emerging Trend and Opportunities in Shipping and Logistics
4	Mr Muhammed Ikan	Director, Society for Training and Development	Lakshadweep	23.05.2025	Guest of International Conference
5	Dr Meike Krautscheid	Chief Commercial Officer at SmartLedger, Chief Blockchain Advisor at Borderless Blockchain Alliance	Germany	30.06.2025	Symposium

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty member	Role	Event	Title	Venue & Date
1	Dr Jubi R	Resource Person	Event: Invited Talk	The Art of Communicating to Public and Polishing your presentation skills	April 29, 2025, Organizer: Sree Budha College, Pattoor, Kerala
		Resource Person	FACULTY DEVELOPMENT PROGRAMME	ROLE OF TEACHER IN CREATION OF WORK LIFE HAPPINESS	July 16, 2025, Organizer: BISHOP JEROME COLLEGE ,KOLLAM
		Resource Person	INDUCTION PROGRAMME,	RYTHM OF COMMUNICATION	August 8 & 9th , 2025, Organizer: ST. THOMAS COLLEGE OF ENGINEERING & TECHNOLOGY, CHENGANNUR

S. No.	Name of the Faculty member	Role	Event	Title	Venue & Date
2	Dr Kinslin D	Resource Person Guest Speaker	Faculty Development Programme Invited Talk	Enhancing Creative Expression and Academic Engagement using Emotional Intelligence. Employability skills given to the final year students of Aeronautical Engineering	January 4 th , 2025 Geetha Jeevan Arts and Science College, Thoothukudi 10 th September 2024 NICHE
3	Dr. V. P. Velmurugan	Resource Person	Guest Lecture	The Art of Mind Managment	Civil Engineering Dept 29/04/2025,NICHE
4	Dr Koshore J S	Resource Person Resource Person	Seminar on Entrepreneurship Professional Development Programme	She Leads : Igniting the Path for Women in Business Leadership Skills	30.05.2025,Arunanchala Arts & Science College. 9 th & 10 th May 2025 Saradakrishna Medical College,Kulashekharam.

7. Details of Seminars, Conferences, Refresher courses, Webinars Organised:

S. No.	Name of the Faculty member	Congress/Conference/ Seminar/ Workshop/ Symposia , Webinars etc. organised	State/National/ International Level	Date
1	Dr K A Janardhanan Dr Jubi R Dr Kinslin D Dr Radhika Dr Kavitha Rani Dr Asha K	Conference	International	23.05.2025
2	Dr K A Janardhanan Dr Jubi R Dr Kinslin D Dr Radhika Dr Kavitha Rani Dr Asha K	Conference	National	15.04.2025

S. No.	Name of the Faculty member	Congress/Conference/ Seminar/ Workshop/ Symposia , Webinars etc. organised	State/National/ International Level	Date
3	Ms Jenusha Ananth Y & Dr Jubi R	Seminar on Ethical Hacking and Cyber Security	National	13-08-2024
4	Ms Jenusha Ananth Y & Dr Jubi R	Entrepreneurship in the Digital Age: IT Pathways for Future Business Leaders	National	18-10-2024
5	Dr Jubi R Dr Kinslin D	Legal Awareness and Rights in Everyday Life	National	08-11-2024
6	Ms Jenusha Ananth Y & Dr Jubi R	Seminar on A Guide to Investment and Career Opportunities in the Stock Market	National	21-11-2024
7	Dr Radhika & Dr V P Velmurugan	A Seminar on Investor Awareness	National	20-01-2025
8	Dr Kavitha Rani Dr Kinslin D & Dr Jubi R	Seminar on Financial Literacy	National	23-01-2025
9	Ms Jenusha Ananth Y & Dr Jubi R	International Webinar Series-I on Personal Branding Budding Managers	International	29-01-2025
10	Dr Kinslin D	International Webinar on National Management Day	International	21-02-2025
11	Dr Kinslin D & Dr Jubi R	Practical Data Analysis Workshop in SPSS	National	25-02-2025
12	Ms Jenusha Ananth Y & Dr Jubi R	National Seminar on Impact of Simulations on Modern Business	National	21-03-2025
13	Dr Velmurugan	Faculty development Programme on 'Academics @ 20247"	International	23.04.2025 to 29.04.2025
14	Dr Kishore, Dr Kinslin & Dr Jubi R	Add-on Course Microsoft Excel	National	18-02-2025 to 20-02-2025

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
1	Dr K A Janardhanan	Exploring the relationship between Teacher job satisfaction ,self efficacy and student engagement in Engineering Class	Indian Journal of Information Sources and Services	Volume.15, No.1	2025	107-114

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
		rooms. Effect of Teachers Job satisfaction and self efficacy performance in Engineering Colleges- A study with reference to Engineering Colleges in Ernakulam City.	Indian Journal of Information Sources and Services	Volume.15, No.1	2025	60-67
		Navigating Challenges in Engineering Education: A Comprehensive Examination of Kerala's Land scape and Policy Interventions	Indian Journal of Information Sources and Services	Volume.15, No.1	2025	
		Bridging the Divide: Analyzing the Gap Between Engineering Education and Industry Institute Interaction in Kerala	Indian Journal of Information Sources and Services	Volume.15, No.1	2024	
		Talent acquisition and its role in enhancing employee satisfaction and retention in star-rated hotels	Applied Science and Technology	Volume 1 No.4		
2	Dr Jubi R	THE ROLE OF MOTIVATIONAL FACTORS FOR REHABILITATION OF SEXUALLY HARASSED WOMEN IN KERALA	INDIAN JOURNAL OF APPLIED RESEARCH	14 , No. Issue – 12	2024	273-277
			Journal of the Textile	Vol. 2, No. Issue – 12	2025	117-124

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
		The Role of Digital marketing for the Economic Growth of Kerala with reference to Textile Industry.	Association Scopus NEHRU SCHOOL OF MANAGEMENT JOURNAL	Vol. 9, No.	2025	36-49
		Impact of Digital Marketing for the Economic growth of Kerala w.r.t. Textile Industry	NATIONAL INSTITUTE OF PERSONNEL MANAGEMENT	Vol. 1, No. 12,	2025	172-176
		ADAPTING TO THE DIGITAL LANDSCAPE: DATA-DRIVEN DECISION MAKING USING SHRM TOOLS		Vol.1,No.9		
3	Dr Kinslin D	Navigating Challenges in Engineering Education: A Comprehensive Examination of Kerala's Land scape and Policy Interventions	Indian Journal of Information Sources and Services	Volume.15, No.1	2025	
		Bridging the Divide: Analyzing the Gap Between Engineering Education and Industry Institute Interaction in Kerala	Indian Journal of Information Sources and Services	Volume.15, No .1	2025	
4	Dr. V. P. Velmurugan	Navigating The Digital Frontier: The Transformative Influence Of Information Technologies On	Scopus Indexed	Vol - 3 2024	02-09-2024	1123 1-

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
		Kerala's Tourism Sector				10
		Innovate To Elevate: The Role Of E-HRM On employee Effectiveness In It Sector	Scopus Indexed	Vol - 3 2024	02-09-2024	1-13
5	Joshya Mathew K	Financial Performance Assessment of Small Banks using EAGLES Model	UGC Care	Volume 16, Special Issue 1	2025	https://doi.org/10.18311/sdmimd/2025/48639
6	X. Agnes Pravina	A Study on Financial Aid and Government Support Programs for Fishermen	ICIET – 2025 ISBN No. 978-81-972950-4-1		Conference Proceedings	32
		Analysing the factors influencing preferences for fish consumption	Scopus	Vol. 20, No. 2, 2025	Int. J. Process Management and Benchmarking,	Pg 222 https://doi.org/10.1142/S0219649224500643
		Financial Inclusiveness and Literacy Awareness of Fisherfolk in Kanyakumari District: An Empirical Study	Scopus	Vol. 14 No. 3 (2024): July-September 2024 /	<u>Indian Journal of Information Sources and Services</u>	https://doi.org/10.51983/ijiss-2024.14.3.34 pg.265-269
		Analysing the Factors Influencing the Inclusive Development of Fisher Folk Concerning Southern Districts of Tamil Nadu	Scopus	VOL. 23, NO. 05	<u>Journal of Information & Knowledge Management</u>	https://doi.org/10.1142/S0219649224500643
		A Survey on the Growth and	Recent Research	Volume 3, Issue 2	December	370-380

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus/SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
7	Dr. R.Radhika	Development of MSME in Tamil Nadu	Reviews Journal (ISSN: 2583-7079)		2024	
		Holistic View On Young Entrepreneurs	Indian Journal of Research ISSN No. 2250 - 1991	Volume - 13 Issue - 10	October - 2024	41-45
		E-Commerce Logistics and Its Impact on Entrepreneurship Development : Adapting to Rapid Growth and Change	ShodhPatra: International Journal of Science and Humanities ISSN: 3048-6041	Volume-1, Issue-11	November 2024	14-18
		Analysing the Factors Influencing the Inclusive Development of Fisher Folk Concerning Southern Districts of Tamil Nadu, Journal of Information & Knowledge Management	Journal of Information & Knowledge Management (JIKM) (scopus)	Volume 24, Issue 03	June 2025	1-27
		Analysing the factors influencing preferences for fish consumption	Int. J. Process Management and Benchmarking (scopus)	Vol. 20, No. 2,	2025	222-242

9. Details of patents applied/awarded:

S. No.	Name of the Faculty member	Title	Date of filing	Application No.	Award No.
1	Dr K A Janardhanan	Ground water Potential Evaluation using GIS and MultiCriteria Decision Making Techniques	10.03.2025	819/2025-CO/L	LD-20250166332
		Low noise block down converter to Enhance the satellite signal quality	12.07.2024		409591-001,2024

S. No.	Name of the Faculty member	Title	Date of filing	Applicat ion No.	Award No.
2	Dr Jubi R	Mental Healtgh Monitoring Device AI BASED SMART SEES SOWING ROBOT	09.05.2025 June 18, 2025	458229-001 462685-001	209966 Under processi ng
3	Dr Kinslin D	HappinessAccounting	G24541 Nov.2024		Granted
4.	Agnes Pravina X	Digital White board for Training Solution	10-08-2024	6383992	Granted
		Device for Employee Performance Evaluation and Feedback Management	2024	420862 – 001	India - Design - Grante
		AI based smart seed sowing Robot	18-06-2025	462685-001	Under processing
		Coastel Resources Monitoring Device	20-06-2025	464500-001	Under processing
5	Dr. PRASIDA SUNANDA	AI-POWERED STARTUP RISK MANAGEMENT DEVICEAI-BASED SMART SEED SOWING ROBOT	20-06-2025	462685-001	Under processi ng
6	Dr. R.Radhika	AI-POWERED STARTUP RISK MANAGEMENT DEVICE	22/2/20025	448909-001	Under processing
		AI-BASED SMART SEED SOWING ROBOT	18/6/2025	462685-001	Under processing
7	Jenusha Ananth. Y	Digital Whiteboard for Training Solution	August 19, 2024 (Granted)		Patent Number: GB26012 34B
		Device for Employee Performance Evaluation and Feedback Management	August 5, 2024 (Granted)		Patent Number: IN20241 12345

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1	Dr Jubi R	WORKFORCE 5.0 : AI AND THE EVOLUTION OF HUMAN RESOURCE MANAGEMENT-978-1-257990-49-8	SCRIBE AND SCROLL	July 2025
2	Dr D Kinslin	Impact of Regulations on Fintech Firms/Banking and Non-Banking Financial Services	IGI Global Scientific Publishing	January 2025

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO.	Name of the Programme / Branch of study	Sancti oned Streng th	Enrolment during 2024-25		Tot al	Community														Existing Students, Strength								Pass Percent age of out going batch
			F	M		OC		BC		BCM		MBC/ DNC		SC		SCA		ST		II year		III year		IV year				
						M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
1	BBA(General)	30	6	6	12	0	1	3	3	1	2	0	0	2	0	0	0	0	0	1	5	4	1					
2	BBA(Multi Mode)		30	2	10	12	0	0	3	1	7	0	0	1	0	0	0	0	0	0			7	0				
	BBA(Aviation)	30	12	27	39	0	0	8	4	2	3	4	1	3	4	0	0	0	0									
3	B.Com(Gener al)		30	10	13	23	0	0	9	8	1	0	2	0	1	2	0	0	0	0		0	1	0				
4	B.Com.(CA)	30	2	3	5	0	0	0	3	1	0	0	0	0	0	0	0	0	0	6								
5	B.Com (Int.Natl.Ship pg & Logistics)	30	3	19	22	0	0	1	0	1	3	1	0	0	0	0	0	0	0			4						
6																												
7																												

8 9 10	MBA (General) MBA (Aviation) MBA(GP&CM)	90 30 10	19 2 0	36 7 4	55 9 4	4 1 1	1 0 0	1 9 4	1 7 1	1 1 0	1 1 0	6 1 0	1 1 2	1 0 0	1 0 0	0 0 0	0 0 0	0 0 0	0 0 0	3 9 0	22					
11	Ph.DProgram me		5	5	10	1		1					1							7	6	3	2			7
	Diploma Certificate add on Courses (if any)																									
	MOOC/SWA YAM/NPTEL/ UGC online courses offered		21	16																						

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	
1	BBA(General)	Indian	Kerala & TN	3	6	8
2	BBA(Multi Mode)	Indian	Kerala & TN	10	2	12
3	BBA(Aviation)	Indian	Kerala & TN	26	7	33
4	B.Com(General)	Indian	Kerala & TN	8	8	16
5	B.Com.(CA)	Indian	Kerala & TN	2	2	4
6	B.Com (Int.Natl.Shippg & Logistics)	Indian	Kerala & TN	14	4	18
7	MBA (General)	Indian	Kerala & TN			
8	MBA (Aviation)	Indian	Tamil Nadu	7	2	9
9	MBA(GP&CM)	Indian	Kerala & TN	4	0	4

13. U.G./P.G. and Research degrees awarded:

S. No	UG		P.G.		Ph.D.		
		Total		Total	FT	PT	Total
1	16	8	59	44	--	7	7

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded :

S. No.	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1	Nil	Nil	--	--	--

15.Scholarships Awarded:

S. No.	Nature of Scholarship	P.G.		Ph.D.		Total Amount Rs.
		M	F	M	F	
1	B.C.(State)		1			25,000/-
2	B.C.M.(State)					
3	M.B.C./D.N.C.(State)					
4	SC/SCA/ST(National)					
5	SC/SCA/ST(State)					
6	AICTE/UGC Scholarships					
7	Management Scholarships	40	19			12,09250
8	Loan Scholarship					
9	MoovalurRamamirthamAmmaiyar Scheme					
10	'Pudhumai Penn' (modern woman)					
11	Tamiz Puthalvan					
12	Others (please Specify the scholarship)					
	Total					

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s	App.	Pa ss	App.	Pa ss
1	MBA	53	20	50	21	59	36	59	44	-	-	-	-	-	-	-	-
2	MBA(Aviation)			9	3	-	-	-	-	-	-	-	-	-	-	-	-
3.	MBA(GP & CM)			4	1	-	-	-	-	-	-	-	-	-	-	-	-
4	BBA					15	3	15	3	10	5	11	6				
5	BBA - General	11	3	9	3												
6	BBA (Multi mode)	12	1	12	1												
7	B.CO M					5	1	5	0	5	2	5	2				
8	B.CO M - General	22	2	15	4												
9	B.Co m Internationa l Logisti cs	24	0	16	4												
10	B.Co m CA	5	1	4	2												

17. Placement Details:

Name of the Placement co-ordinator: Dr. K. Asha			
Phone/Mobile Number :e-mail: drashak@niuniv.com			
Number of Placement Programmes: 5			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	7	4
2	Number of Placements obtained through Campus Interview	6	13
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	33	85

18. Outstanding achievements by the Faculty Members:

S. No.	Name of the Faculty	Achievements	Agency
1	Dr K A Janardhanan	Life Time Achievement Award	Sun Rise University ,India
2	Dr. K. Asha	Best Faculty Award” in recognition of outstanding contribution in Teaching and Research at International Award Excellence in Teaching Best Faculty Award	Higher Education Excellence Award (HEEA 2024) organized by Knowledge Research Academy, Coimbatore, Tamil Nadu, on 23rd June, 2024 12OR ,In association with International Women's day 2025 SIDVI Foundation July2025
3	Dr V P Velmurugan	International Outstanding Teacher Award	AD Scientific Index
4	Dr Jubi R	Best Faculty Award International Maritime &Blue Economy 2025 Best Faculty Award	Green ThinkerZ, UK and International Maritime and Blue Economy Award 2025 Maritime Business Bulletin SIDVI Foundation,

19. Outstanding achievements by Students:

S.No.	Name of the Student	Achievements	Agency
1	Jyothika,Jerush,Josephine S1 MBA	HR Game First Position	Nesamony Memorial Christian College
2	Mr. Bijolin Mano ,S3 MBA	Business Quiz-Second Position	Tirunelveli DMNS College
3	Mr Aslin Beno ,S3 MBA	Research Paper Publication	Indian Journal of Applied Research

20. Department Meetings Held :
BOS,Programme Committee, Course Committee etc.

S.No	Name	Date
1.	BOS-External BoS	31.05.2025
2	Programme Committee S1 MBA Programme Committee-I Programme Committee-II Programme Committee-III S2 MBA Programme Committee-I Programme Committee-II Programme Committee-III S3 MBA Programme Committee-I Programme Committee-II Programme Committee-III S4 MBA Programme Committee-I Programme Committee-II Programme Committee-III	12th October 2024 11th November 2024 5th January 2025 18th April 2025 12th May 2025 19th June 2025 26th September2024 28th October 2024 6th November 2024 20th March 2025 4th April 2025 26th April 2025
3	Course Committee S1 MBA Course Committee-I Course Committee-II Course Committee-III S2 MBA Course Committee-I Course Committee-II Course Committee-III S3 MBA Course Committee-I Course Committee-II Course Committee-III S4 MBA Course Committee-I Course Committee-II Course Committee-III	26th October 2024 28th November 2024 11th January 2025 27th April 2025 15th May 2025 22nd June 2025 4th October 2024 31st October 2024 21st November 2024 26th March 2025 15th April 2025 29th April 2025
	ODD 2024 S5 BBA &B.COM PC I PC II PC III S3 BBA &B.COM PC I PC II PC III EVE S6 BBA &B.COM PC I PC II PC III S4 BBA &B.COM PC I PC II PC III ODD 2024 S5 BBA &B.COM CC I CC II CC III CC IV S3 BBA &B.COM	05-08-2024 30-09-2024 08-11-2024 21-08-2024 18-10-2024 22-11-2024 24-01-2025 17-02-2025 12-05-2025 24-01-2025 21-02-2025 09-05-2025 08-07-2024 12-08-2024 08-10-2024

S.No	Name	Date
	CC I	15-11-2024
	CC II	
	CC III	
	CC IV	25-07-2024
	EVEN 2024	06-09-2024
	S6 BBA &B.COM	25-10-2024
	CC I	28-11-2024
	CC II	
	CC III	
	CC IV	04-02-2025
	S4 BBA &B.COM	21-02-2025
	CC I	15-05-2025
	CC II	04-02-2025
	CC III	03-03-2025
	CC IV	15-05-2025

21. Infrastructure and Research facilities available (Please specify equipments more than TwoLakhs Only) :

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical
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22. Extension activities carried out :

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	World Entrepreneurs' Day 2024	S3 MBA Students	21.08.2024	Chamber of Comemrce,TVM
2	Igniting the Young Minds'	Govt. Middle School, Thuckalay	22.11.2024	Thuckalay
3	Orphanage Visit	Providence Home Peumchilambu.	05.12.2024	Thuckalay
4	Legal Literacy Camp	S3 MBA Students	08.11.2024	AV Hall

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library: Dr Lija P

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	1495	7	No. of titles available	25
2	Books added during the year 2024-25	2	8	No. of CDs and Digital Books Available	-
3	No. of Indian Journals/Magazines	-	9	No. of Foreign Magazines/Journals	-
4	No. of data bases available	-	10	No. of Online Journals	-
5	Average No. of students visiting the Library per day	5	11	Average No. of books Issued per day	2
			12	No. of digital books	-
6	Availability of Internet (Specify the Capacity) (e.g. – 8 Mbps etc.,)	-	13	Availability of Language Lab	-
			14	NDL membership	
			15. Faculty members		12
			16. Students		

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.
1	Smart Board		2

25. Collaborative Researches :

Nil

26. Consultancies undertaken :

Conducted Training programs for the employees of M/S. Xeogelan Prvt.Ltd, Thiruvananthapuram on 8th & 9th May 2025.

A proposal for training employees of KSEB has been submitted.

27. No. of NET/SET/GATE/CSIR Other Compentetive Examinations Qualified students:

Nil

28. MOUs signed :

S.No	Date	MoU signed with	Number of Activities	Remarks
1	13.11.2024	NIPM & FMS	2	Students exposure
2	14.03.2025	ISTD & FMS	3	Monthly webinars
3	20.03.2025	Feather Software	1	One interactive programme

29. Innovations and Best Practices :

S.No	Innovation and Best Practices	Name of the Programme	Date
1	ICT tooles used	International Webinar	Once in every month
2	Teaching and learning initiatives	Research oriented academics	11.12.2024
3	Eco friendly and sustainable practices	From Waste to creation	25.04.2025
4	Industrial and Academic connect activities	Industrial Visit to Tuticorn MRF Tyers THE TEA AND CHOCLATE FACTORY	19.10.2024 24.01.2025 19.05.2025

30. Academic Flexibility :

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed
1	Management Related Courses	NPTEL	37	Will appear in October 2025

31. Membership in professional bodies:

S.No	Name of the Professional Body	No. of members
1	National Institute of Personal Management (NIPM)	59
2	Indian Society for Training and Development (ISTD)	63

32. Alumni Meetings held:

S.No	Date	Purpose
1	30.09.2024	Skill Development Program on Breaking Barriers Building Futures
2	27.12.2024	Annual Alumni Meet
3	03.03.2025	Skill Development Program on Emerging Trend and Opportunities in Shipping and Logistics

33. Any other Information:

FMS is trying to mould students on research base as the faculty members are insisting the students

to participate in the International as well as National Conferences and for article publications. the Department is focousing in value based education.

NAME OF THE DEPARTMENT: NANOTECHNOLOGY**1. Department Details :**

Name of the Faculty	Nanotechnology
Name of the HoD, Phone No. and E-mail ID	Dr. P. K. Praseetha
Year of Establishment	2009
Telephone Number	9486855091
Website / E mail	nano@niuniv.com

2. Details of Faculty Members and Supporting staff :

S. No.	Name of the Faculty Members and Supporting staff	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
1	Praseetha P.K	M.Sc., Ph.D	Professor and Head	Nanobiotechnology	19	15	nanohod@niuniv.com 9486855091

S. No.	Name of the Faculty Members and Supporting staff	Qualification	Designation	Specialisation	Experience in years		E-mail ID &Phone/Cell Phone No.
					Teaching	Research	
2.	S. Balamurugan	M.Sc., Ph.D	Professor	Nanobiotechnology	14	21	scandium.chemistry@gmail.com
3	T. K. Sreeja	M.E, Ph. D	ASP	Nanotechnology	15	14	sreeja@niuniv.com
4.	Rimal Isaac R S	M.Tech., Ph.D, OLPE (EDII)	Associate Professor and Head of Operations (Incubation)	Nanotechnology	17	15	rimalisaac@gmail.com , 9443314203
5	Tamilarasi K	M.Sc., M.Phil., Ph.D	Assistant Professor	Material Science	01	04	devitamil31096@gmail.com 7598402199

3. Faculty Members Achievements / Performance:

S. No.	Name	h index		Publications		Citations		Chapter s/ Books		API		Ph.D. awarded		Cumulative Scholars
		24 - 25	Cumulative	24 - 25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	Ph.D.
1	Praseetha P.K	4	25	10	141	500	2531	2	6			1	9	9
3	T. K. Sreeja	1	9	15	45	50	256	2	4			3	3	9
4	Rimal Isaac R S	6	18	25	103	330	1214	2	4			-	-	6

4.. Research Schemes/Projects undertaken and applied for :

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1	Praseetha P.K	DST-SHRI-	Scientific aspects on the role of traditional phytomedicines in the	09/01/2024	09/01/2026	Rs. 1,16,70,560/-.

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
			management of snake bites by ethnic tribal population in Tamil nadu- A promising herbal validation			
2	PraseethaP.K	Ministry of Food Processing Industries,	Nanoformulation of Probiotic Drugs for Enhancing Bioavailability and Immunity of Foods Towards Multifaceted Therapies	Applied		Rs. 30.96 lakhs
3	PraseethaP.K	Indo-Srilanka BIMREN Twinning Research Program:	Harnessing Carbon Quantum Dots and Microorganism-Entrapped Hydrogels for Sustainable Marine Microplastic Degradation and Ecosystem Restoration,	Applied		42 lakhs
4	Dr. T. K. Sreeja	ANRF	Smart Edge-Based AI System for Real-Time Seizure Prediction and Detection Using Optimized EEG Signal Processing and Deep Learning Models	Applied		23,77,440

5. a) Participation of the Faculty members, presentation of papers in Congresses/Conferences/Seminars/Workshops,Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/ Seminar/ Workshop and Venue	Title of the paper	Date
1	Rimal Isaac R S	Fifth International Conference on Sustainable	Exploring The Complexities Of	December 11-13,

S. No.	Name of the Faculty	Congress/Conference/ Seminar/ Workshop and Venue	Title of the paper	Date
		Communication Networks and Application ICSCNA 2024 Organised by Bharath Niketan Engineering College, India	Nanoparticle Toxicity: A Review Of Methodological Approaches	2024.
2	Rimal Isaac R S	9th International Conference on Communication and Electronics Systems (ICCES 2024) organised by PPG Institute of Technology, Coimbatore	Advanced Toxicity Assessment: A BiLSTM Approach for Nanoparticle Safety	16-18, December 2024.
3	Rimal Isaac R S	9th International Conference on Communication and Electronics Systems (ICCES 2024) organised by PPG Institute of Technology, Coimbatore	Advanced Nanoparticle Segmentation: A Deep Learning Approach using NS-Net on SEM Images	16-18, December 2024.
4	Rimal Isaac R S	Fifth International Conference on Sustainable Communication Networks and Application ICSCNA 2024 Organised by Bharath Niketan Engineering College, India	Automated Analysis OfTiO 2 Nanoparticles Using Deep Learning In EM Images: A Review	December 11-13, 2024.
5	T. K. Sreeja	Emerging Technologies in Engineering and Applied Sciences, NICHE,	Review on microwave antenna and antenna arrays for microwave breast imaging systems	March 4, 2025
6	T. K. Sreeja	Emerging Technologies in Engineering and Applied Sciences, NICHE,	Recent advances in epileptic seizure detection from EGG signals using deep learning	March 4, 2025
7	T. K. Sreeja	Emerging Technologies in Engineering and Applied Sciences, NICHE,	A hybrid deep learning approach for automated stroke detection and classification from CT images	March 4, 2025
8	T. K. Sreeja	Emerging Technologies in Engineering and Applied Sciences, NICHE,	Automated Diabetic Retinopathy detection using efficient B5 and CBAM: deep learning approach	March 4, 2025

S. No.	Name of the Faculty	Congress/Conference/ Seminar/ Workshop and Venue	Title of the paper	Date
			for enhanced screening	
9	T. K. Sreeja	Emerging Technologies in Engineering and Applied Sciences, <i>NICHE</i> ,	Design and Analysis of Ultra-wide band Circular Monopole antenna with Deefded Ground Structure (DGS)	March 4, 2025
10	T. K. Sreeja	Emerging Technologies in Engineering and Applied Sciences, <i>NICHE</i> ,	Phase cancellation methods in RCS Reduction : A Systematic Review	March 4, 2025
11	T. K. Sreeja	Intelligent Systems, Advanced Computing and Communication (ISACC), <i>CALICUT</i> , Organized by: NATIONAL INSTITUTE OF TECHNOLOGY	Paper: "1-Bit Coding Metasurface for RCS Reductio	Date: April 24, 2025
12	T. K. Sreeja	Control Instrumentation Communication and Computational Technologies, <i>NICHE</i> ,	Advancing Satellite Communication: A survey on Constellation Architectures, Emerging Technologies & Security Frameworks	Date: April 24, 2025
13	T. K. Sreeja	Engineering Education: Innovative Practices and Future Trends (AICERA/ICIS), <i>Kanjirapally, India</i> , Organized by: IEEE	RCS Reduction Techniques: A Comparative Review	Date: November 16, 2024,
14	T. K. Sreeja	Trends in Engineering Systems and Technologies (ICTEST), <i>Tirunelveli</i> , Organized by: IEEE,	Breaking Barriers in Brain Tumor Detection with UWB Circular Monopole Antenna and Inception ResNet V2 in Microwave Imaging	Date: June 24, 2025,

b) Foreign Faculty/Expert visit to the Department:

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1	NIL				
2					

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty member	Role	Event	Title	Venue & Date
1	PraseethaP.K	Resource person	Professional Development Program,	Convergence of Nanotechnology and Machine Learning: state of the Art, challenges and perspectives.	Department of computer Applications, NICHE. On26/07/2025.
2	PraseethaP.K	Resource person	symposium on Microbiota and bowel nosodes by	Consuming the Microbiome: Prebiotics and Probiotics- A nano approach	Saradha Krishna Homeo Medical College, Kulasekharam. On 18.07.2025.
3	PraseethaP.K	Resource person	Being largely a professional women in STEM	Deeksharambh' 25 for the first year programs	Sree Ayyappa College, Chunkankadai. On 19 th June 2025.
4	PraseethaP.K	Resource person	Advanced Nanomaterials	International conference on Recent Advancements in Materials Science and Spectroscopy	Department of Physics, Periyar Maniammai Institute for Science and Technology, in association with Indian Spectrophysics Association on 24 th and 25 th February, 2025.
5	PraseethaP.K	Resource person	Advanced Nanomaterials of the future	National Conference on recent Innovations in Nanomaterials for Environmental and Biomedical Applications (RINEBA-2025)	AVVM Sri Pushpam College, Thanjavur, in association with Raman Research Foundation, Thiruchirapalli on 17/02/2025 & 18/02/2025

S. No.	Name of the Faculty member	Role	Event	Title	Venue & Date
6	PraseethaP.K	Resource person	Guest lecture on “Advanced Applications of Nanomaterials for Futuristic Innovations“	Guest lecture on “Advanced Applications of Nanomaterials for Futuristic Innovations“	Department of ECE, NICHE, 21/01/2025
7	PraseethaP.K	Resource person	Interdisciplinary education	Induction program for First year lateral entry students,	NICHE, 30.07.2024.
8	Rimal Isaac R S	Trainer	Training for TNULM Beneficiaries Organized by Tamil Nadu Urban Livelihoods Mission (TNULM)	Entrepreneurship	Urban Livelihoods Centre, Nagercoil on 04-07-2024
9	Rimal Isaac R S	Resource person	Training for TNULM Beneficiaries Organized by Tamil Nadu Urban Livelihoods Mission (TNULM)	Entrepreneurship	Urban Livelihoods Centre, Nagercoil on 12-07-2024
10	Rimal Isaac R S	Resource person	Born @ NIMS	Career Guidance	NIMS, Neyyattinkara on 20 July 2024
11	Rimal Isaac R S	Resource person	Training for TNULM Beneficiaries Organized by Tamil Nadu Urban	Entrepreneurship	District Collectorate, Nagercoil on 24-07-2024

S. No.	Name of the Faculty member	Role	Event	Title	Venue & Date
			Livelihoods Mission (TNULM)		
12	Rimal Isaac R S	Resource person	Induction program for first year engineering students	Effective Study Habits	Stella Mary's College of Engineering, Kanyakumari District on 14 August 2024
13	Rimal Isaac R S	Resource person	Training for TNULM Beneficiaries Organized by Tamil Nadu Urban Livelihoods Mission (TNULM)	Entrepreneurship	Kanyakumari District Supply and Marketing Society Building, Vadaserry, Nagercoil on 14-09-2024
14	Rimal Isaac R S	Resource person	Training for TNULM Beneficiaries Organized by Tamil Nadu Urban Livelihoods Mission (TNULM)	Entrepreneurship	Kanyakumari District Supply and Marketing Society Building, Vadaserry, Nagercoil on 20-09-2024.
15	Rimal Isaac R S	Resource person	Training for TNULM Beneficiaries Organized by Tamil Nadu Urban Livelihoods Mission (TNULM)	Entrepreneurship	September 25, 2024, at the Block Mission Management Unit, Melpuram
16	Rimal Isaac R S	Resource person	Training for TNULM Beneficiaries Organized by Tamil	Entrepreneurship	Urban Livelihood Office, Thiruvattar on 09-10-2024.

S. No.	Name of the Faculty member	Role	Event	Title	Venue & Date
			Nadu Urban Livelihoods Mission (TNULM)		
17	Rimal Isaac R S	Resource person	Career Guidance	Career Guidance	11-11-2024, Government Higher Secondary School, Neyyar Dam
18	Rimal Isaac R S	Resource person	Technical Talk	Startup, Innovation, and Intellectual Property	Stella Mary's College of Engineering on 19th November 2024
19	Rimal Isaac R S	Resource person	Technical Talk	Topic 1: Introduction to Research and Publications and Topic 2: Intellectual Property Rights	Emmanuel College, Vazhichal on 26 Nov 2024
20	Rimal Isaac R S	Resource person	Technical Talk	Unlocking Entrepreneurship Opportunities & MSME Schemes for Students	Sree Ayyappa College For Women, partnering with EDII-TN on 3 January 2025
21	Rimal Isaac R S	Resource person	Technical Talk	Unlocking Entrepreneurship Opportunities & MSME Schemes for Students	St. Teresa Arts and Science College for Women in Mangalakuntu, Tamil Nadu, on January 10, 2025
22	Rimal Isaac R S	Resource person	Technical Talk	Role of IPR in Protecting Indigenous Knowledge in Research	Crossian Centre for Research & Development, HOLY CROSS COLLEGE (AUTONOMOUS), NAGERCOIL on 26-03-2025

S. No.	Name of the Faculty member	Role	Event	Title	Venue & Date
23	Rimal Isaac R S	Resource person	Technical Talk	Nanotechnology : Fundamentals and Future Directions	PG Students and Ph.D Scholars of Department of Chemistry, Holy Cross College(Autonomous), Nagercoil on 07-04-2025
24	Rimal Isaac R S	Resource person	Technical Talk	Career Guidance	Bodhi Science Society, Thiruvananthapuram; Noorul Islam Centre for Higher Education, Kanniyakumari and NIMS Medicity, Neyyattinkara, 21 and 22 April 2025
25	Rimal Isaac R S	Resource person	Technical Talk	Women in Startups: Breaking Barriers & Building Legacies	Arunachala Arts & Science (Women) College, Kanyakumari, 19-06-2025
26	Rimal Isaac R S	Resource person	Technical Talk	Business Model Canvas (BMC)	30 June 2025, Holy Cross Innovation and Incubation Centre at Holy Cross College, Nagercoil.
27	T. K. Sreeja	Chair Person	Conference	Emerging Technologies in Engineering and Applied Sciences,	Date: March 4, 2025, NICHE, Organized by: Department of Electronics and Communication Engineering

7. Details of Seminars, Conferences, Refresher courses, Webinars Organised :

S. No.	Name of the Faculty member	Congress/Conference/ Seminar/ Workshop/ Symposia ,Webniars etc. organized	State/National/ International Level	Date
1	PraseethaP.K	Research Extension activity on Green nanofibre production Unit	State	30 th April 2025
2	PraseethaP.K	PFMS EAT Module with reference to SNA, CAN, TSA and TSA Hybrid	National	12 th and 13 th November 2024
3	PraseethaP.K	Entrepreneurship development program on Banana fibre extraction	State	10 th August 2024

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus /SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
1	PraseethaP.K	Photocatalytic dye detoxification by cost-effective SnO: Ce thin films and verification of toxicity by histology using Labeorohita fish	Process Biochemistry, ISSN: 1359-5113(Elsevier , IF. 4.8)	156, https://doi.org/10.1016/j.procbio.2025.05.014 ,	May 2025	118-135,
2	PraseethaP.K	Nano-engineered Antibiotic Formulation That Targets Chronic MRSA Infection,	Applied Biochemistry and Biotechnology, (Springer, I.F. 3.1)	ISSN: 1559-0291 https://doi.org/10.1007/s12010-025-05282-5 ,	May 2025,	
3	PraseethaP.K	A hydrophobic flexible self-cleaning carbon based type II heterojunction photocatalyst: A smart apparel for multifunctional application, <u>Volume 10</u> , 100486,	<u>Hybrid Advances</u> , (Elsevier)	ISSN: 2773-207X, doi.org/10.1016/j.hbadv.2025.100486 ,	Sep. 2025,	
4	PraseethaP.K	Synergistic effects of composite	Diamond & Related Materials	ISSN: 0925-9635,	April 2025	

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus /SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
		partnering between fluorine doped tin oxide and bio-derived activated carbon for enhanced photocatalytic dye detoxification, 154, 112202,	(Elsevier, IF. 4.1)	https://doi.org/10.1016/j.diamond.2025.112202 ,		
5	PraseethaP.K	Enhanced photocatalytic dye detoxification by banana peel derived enzyme inherited ZnO/g-C3N4 nanocomposite : Validation by soil health and seed germination analyses, s, 139812,	International Journal of Biological Macromolecules (Elsevier, IF. 7.7)	ISSN 0141-8130, https://doi.org/10.1016/j.ijbiomac.2025.139812	Jan 2025	
6	PraseethaP.K	Effect of nanocomposite partnering of g-C3N4 with Morinda pubescens leaf extract mediated Sr doped Ni/NiO on the photocatalytic dye detoxification: Confirmation by seed germination test, 150,	Diamond & Related Materials, (Elsevier, IF. 4.3)	ISSN: 0925-9635, doi.org/10.1016/j.diamond.2024.111716 ,	Oct. 2024	

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus /SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
7	PraseethaP.K	Molecular docking, dynamic simulation, and ADME/T analysis of Natural Compounds as potential therapeutic candidate against <i>Hepatitis E</i> virus,101446,	Journal of the Indian Chemical Society, (Elsevier, IF. 3.5)	doi.org/10.1016/j.jics.2024.101446 ,	October 2024	
8	PraseethaP.K	Green synthesis of highly fluorescent Carbon Quantum Dots from almond resin for advanced theranostics in biomedical applications.14, 24435,	Scientific Reports, (Springer Nature, IF. 3.8)	ISSN: 2045-2322, doi.org/10.1038/s41598-024-75333-0 ,	Oct. 2024,	
9	PraseethaP.K	Biocompatible nanocomposite for scaffolds in tissue engineering: A breakthrough discovery for regenerative therapy, ;35:e6538,	Polym Adv Technol. (Wiley, IF. 3.1)	doi:10.1002/pat.6538	July 2024,	
10	PraseethaP.K	Poly Vinyl Pyrrolidone capped luminescent ZnO nanocomposites as excellent	Luminescence, (Wiley, IF. 2.9)	ISSN:1522-7243, doi:10.1002/bio.4817	July 2024,	

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus /SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
		tools for germicidal and photocatalytic performances,				
11	Rimal Isaac R S	Boosting the UV photo-detecting properties of V2O5 thin films by doping In ³⁺ doping	Optics and Laser Technology	177,,	2024	
12	Rimal Isaac R S	Low temperature processing and characterization of novel ceria based electrolyte composition Ce _{0.8-x} Gd _{0.1} Bi _{0.1} Ti _x O _{2-δ} (x = 0.05,0.1) for intermediate temperature SOFC application	Applied Physics A: Materials Science and Processing	130,11,	2024	
13	Rimal Isaac R S	Hydrothermally grown hollandite manganese dioxide nanorods: evaluation of supercapattery performance and photocatalytic efficiency	Ionics	30,8,493 1	2024	

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus /SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
14	Rimal Isaac R S	High-performance ammonia gas sensor based on spray pyrolysis developed In ₂ O ₃ :La films	Physica Scripta	99,3,	2024	
15	Rimal Isaac R S	Quantitative phase analysis of electron beam weldments of copper and stainless steel 304 using XRD and SEM-EDX	Asia-Pacific Journal of Science and Technology	29,5,	2024	
16	Rimal Isaac R S	Transfer Learning-based CNN Model for the Classification of Breast Cancer from Histopathological Images	International Journal of Advanced Computer Science and Applications	15,4,270	2024	
17	Rimal Isaac R S	Structural, elemental, morphological, optical, vibrational and magnetic behaviour of Mg ²⁺ doped La ₂ CuO ₄ nanoparticles	Journal of Materials Science: Materials in Electronics	35,22,	2024	

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus /SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
18	Rimal Isaac R S	Synthesis of biodiesel from an unique potential oil reserve Delonix regia using a novel biocatalyst bamboo stem – A comparative study by RSM and ANN	Industrial Crops and Products	208,,	2024	
19	Rimal Isaac R S	Effect of Bi doping on the opto-electronic properties of ZnO nanoparticles for photodetector applications	Journal of Photochemistry and Photobiology A: Chemistry	446,,	2024	
20	Rimal Isaac R S	RSM-based comparative experimental study of sustainable biodiesel synthesis from different 2G feedstocks using magnetic nanocatalyst CaFe ₂ O ₄	Environment, Development and Sustainability	26,2,3097	2024	
21	Rimal Isaac R S	Surfactant-Free, Simple Hydrothermal Synthesis of Morphologically Porous, Three-	ChemistrySelect	9,45,	2024	

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus /SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
		Dimensional SnS ₂ Nanomaterial as Long term Stable Electrode for Supercapacitor Application				
22	Rimal Isaac R S	Effect of substrate temperature on In ₂ S ₃ thin films using nebulizer spray pyrolysis method for photodetector applications	Physica Scripta	99,11,	2024	
23	Rimal Isaac R S	Effect of Al ³⁺ substitution on structural, morphological, magnetic, optical, and functional study of ZnFe ₂ O ₄ nanoparticles	AIP Advances	15,2,	2025	
24	Rimal Isaac R S	Innovative Toxicity Detection in Metal Oxide Nanoparticles Using 1-D CNN with Transformer Architecture	SSRG International Journal of Electronics and Communication Engineering	12,1,271	2025	
25	Rimal Isaac R S	Improve the photodetector	Journal of Alloys and	1019,,	2025	

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus /SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
		properties of SnS thin films via nebulizer spray pyrolysis (NSP) technique for UV sensor applications	Compounds			
26	Rimal Isaac R S	Enhanced photodetection properties of PbS thin films prepared via nebulizer spray pyrolysis (NSP) technique: Effect of coating temperature	Journal of Physics and Chemistry of Solids	206,	2025	
27	Rimal Isaac R S	Design and fabrication of enhanced room temperature NH ₃ sensors based on Sn-doped WO ₃ thin films deposited using nebulizer spray pyrolysis technique	Ceramics International	51,13,17 423	2025	
28	Rimal Isaac R S	Enhanced ammonia gas sensing properties of the ZnFe ₂ O ₄ nanoparticles synthesized by wet chemical method	Ionics	31,7,741 1	2025	

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus /SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
29	Rimal Isaac R S	Boosting the optoelectronic properties of V2O5 thin films by Fe3+ doping for photodetector applications	Optical Materials	158,,	2025	
30	Rimal Isaac R S	Hydrothermal synthesis of graphitic carbon nitride/Ce doped Fe2O3 heterostructures for supercapattery device and hydrogen evolution reaction	Journal of Energy Storage	116,,	2025	
31	Rimal Isaac R S	Toward Doping in Graphitic Carbon Nitride: Progress and Perspectives on Catalytic Hydrogen Production	Advanced Materials Technologies	,,	2025	
32	Rimal Isaac R S	Comprehensive Analysis of Copper–Stainless Steel 304 Dissimilar Joints Using Electron Beam Welding	Physics of Metals and Metallography	126,4,447	2025	

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus /SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
33	Rimal Isaac R S	Agro-waste of Senna alata (L.) Roxb. stem: a sustainable biofiber material for lightweight composites and diverse applications	Cellulose	32,1,383	2025	
34	Rimal Isaac R S	Electrochemical Corrosion Behaviour of Electron Beam Welded Copper and SS304 Dissimilar Metal Joints in NaCl-Saturated Solution	Protection of Metals and Physical Chemistry of Surfaces	61,1,191	2025	
35	Rimal Isaac R S	Synthesis and optical and magnetic property characterization of $Zn_{1-x-y}Co_xNi_yFe_2O_4$ (x & $y = 0, 0.05, 0.15$ and 0.25) nanoparticles	Journal of Ovonic Research	21,3,279	2025	
36	Dr.T. K. Sreeja	A nanocomposite filled compact circular Hexa band radiator from a traditional Yagi antenna structure with enhanced radiation for	Applied Physics A,		2025	

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus /SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
		flexible wireless applications”,				
37	Dr. T. K. Sreeja	Thin film nanocomposite enhancing electromagnetic radiation of a flexible radiator	Russian Physics Journal, Springer International Publishing, SCI	Vol. 67, No. 7, PP. 966-972,	2024	
38	Dr. T. K. Sreeja	Efficient Cluster-Based Routing Protocol for VANET Traffic Forecasting with Hybrid Optimization Algorithm.",	<i>Journal of Information Science & Engineering</i> , Institute of Information Science, SCI,	Vol. 40, No. 6, PP. 1393	2024	
39	Dr. T. K. Sreeja	Nanocomposite filled slots that enhance radiation of flexible nonagon antenna",	<i>Microelectronics Engineering</i> , science direct	Vol. 294, No. 1, PP. 112258,	2024	
40	Dr. T. K. Sreeja	Nanocomposite embedded electric and magnetic material enhancing antenna radiation by linear relation in radiators	<i>IETE Journal of Research</i> ,	Vol. 71, No. 2, PP. 583-593, IETE, SCI,	2025	
41	Dr. T. K. Sreeja	Enhancing dielectric and ferroelectric properties of PZT (52/48)	<i>Springer US</i> ,	Vol. 36, No. 10, PP. 592, Springer	2025	

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus /SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
		electroceramics by niobium doping",		US, SCI,		
42	Dr. T. K. Sreeja	Nanocomposite based electric and magnetic material enhancing electromagnetic characteristics of cotton substrate radiator",	<i>Photonics and Nanostructure s-Fundamentals and Applications,</i>	Vol. 63, No. 101367, PP. 101367, Elsevier, SCI	2025	
43	Dr. T. K. Sreeja	A compact flexible dual band coplanar waveguide fed antenna for 5 G applications",,	<i>Analog Integrated Circuits and Signal Processing</i>	Vol. 123, No. 3, PP. 1-11, Springer US, SCI	2025	
44	Dr. T. K. Sreeja	A compact circular slotted radiator for ISM and wireless bands",	<i>Russian Physics Journal,</i>	Vol. 1, No. 1, PP. 15, Springer Nature, SCI	2025	
45	Dr. T. K. Sreeja	FrAdadelta-CSA: Fractional Adadelta Chameleon Swarm Algorithm-based feature selection with SpikeGoogle-DenseNet for epileptic seizure detection",	<i>COMPUTATIONAL BIOLOGY AND CHEMISTRY,</i>	Vol. 119, No. 108550, PP. 108550, Elsevier, SCI,	2025	

9. Details of patents applied/awarded:

S.No.	Name of the Faculty member	Title	Date of filing	Application No.	Award No.
1.	Rimal Isaac R S	Mobile Phone Holder for Camera Attachment	22/01/2025	D-31/6741/2025-KOL	
2	Dr. T. K. Sreeja	'EEG-Guided Transcutaneous Vagus Nerve Stimulation (tvNS) System for Seizure Control'	06-02-25	202541010121 under reference number TEMP/E-1/11488/2025-CHE."	
3	Dr. T. K. Sreeja	Electronic medical device for stem cell detection.	30-05-24		6414782

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1	PraseethaP.K	Defy the Clock with Slow Aging, 1st edn. pp. 12-24, https://doi.org/10.70593/978-93-49910-64-5_3 , ISBN: 978-93-49910-15-7,	Deep Science Publishing, USA,	Apr. 2025.
2	PraseethaP.K	Molecular Biology, ISBN: 978-93-94638-79-2, pp.96,	International Publishers, Thanuj	2024.
3	Rimal Isaac R S	Sustainable Fillers/Plasticizers for Polymer Composites: Promising Resources, 978-044315630-4; 978-044315631-1	Elsevier	2024
4.	Rimal Isaac R S	Handbook of Functionalized Carbon Nanostructures: From Synthesis Methods to Applications, 978-303132150-4; 978-303132149-8	Springer International Publishing	2024
5	T. K. Sreeja	"Cluster Formation for Lane and Road Based Stability in Infrastructure-Based Vehicular Ad Hoc Networks (LRSC)".	Cybernetics, human cognition, and machine learning in communicative applications , springer Nature Singapore,	January 2025

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO.	Name of the Programme / Branch of study	Sancti oned Stren gth	Enrolment during 2024-25		Tota l	Community														Existing Students, Strength								Pass Percent age of out going batch
			F	M		OC		BC		BCM		MBC/ DNC		SC		SCA		ST		II year		III year		IV year				
						M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
1	UG Programme		1	1	2			1	1											1	0	0	3	0	0	-		
	PG Courses		NI L																									
	Ph.DProgram me		1		1																							
	Diploma Certificate add on Courses (if any)																											
	MOOC/SWA YAM/NPTEL/ UGC online courses offered																											
	Total																											

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	
	NIL					

13. U.G./P.G. and Research degrees awarded:

S. No	UG		P.G.		Ph.D.		
		Total		Total	FT	PT	Total
		NIL		NIL			

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded :

S. No.	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1	DST-SHRI	3	3		3
2	DST-Inspire	1		1	1

15.Scholarships Awarded:

S. No.	Nature of Scholarship	P.G.		Ph.D.		Total Amount Rs.
		M	F	M	F	
1	B.C.(State)					
2	B.C.M.(State)					
3	M.B.C./D.N.C.(State)					
4	SC/SCA/ST(National)					
5	SC/SCA/ST(State)					
6	AICTE/UGC Scholarships					
7	Management Scholarships					
8	Loan Scholarship					
9	MoovalurRamamirthamAmmaiyar Scheme					
10	'Pudhumai Penn' (modern woman)					
11	Tamiz Puthalvan					
12	Others (pleaseSpecify the scholarship)					
	Total					

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s
	B. Tech	2	2			1	0			3	2			NIL			

17. Placement Details:

Name of the Placement co-ordinator: Dr. K. Tamilarasi			
Phone/Mobile Number :e-mail:			
Number of Placement Programmes:			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	0	0
2	Number of Placements obtained through Campus Interview		
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)		

18. Outstanding achievements by the Faculty Members:

S. No.	Name of the Faculty	Achievements	Agency
1	PraseethaP.K	Host and Guidance: Aspire fellowship	University of Kerala
2	PraseethaP.K	Host and guidance: SPARK scholarship	Central council for Research in Ayurvedic Sciences
3	PraseethaP.K	Doctoral Committee-	Anna University
4	PraseethaP.K	External Expert- Thesis Valuation:	Gujarat University
5	PraseethaP.K	External Expert- Thesis Valuation, Viva voce	Ravenshaw University, Odisha
6	PraseethaP.K	Pravaha '25.	NICHE
7	PraseethaP.K	Research Excellence Award- NICHE-2025	NICHE
8	Rimal Isaac R S	Doctoral Committee	Anna University
9	Rimal Isaac R S	Mentor	Kerala Skill Development Corporation
10	Rimal Isaac R S	Trainer	EDII, Tamil Nadu

19. Outstanding achievements by Students:

S.No.	Name of the Student	Achievements	Agency
1		Academic Awards	
2		Participation in Cocurricular/ hecathan	
3		Research Projects	
4		Research Paper Presentation	
5		Others	

20. Department Meetings Held :
BOS, Programme Committee, Course Committee etc.

S.No	Name	Date
1.	BOS	28.05.2025
2	Programme Committee	24-02-25, 02-04-25
3	Course Committee	20-01-25, 03-04-25
4	Others	

21. Infrastructure and Research facilities available (Please specify equipments more than Two Lakhs Only) :

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical
1	Nano Characterization Laboratory 780 Square Feet	Atomic Force Microscope, XE-70, Park System, Korea	1	Research & Practical
		Electro Chemical Work Station, CHI Instruments 604 D, USA	1	
		Particle Size Analyser, CPS Instruments DC 12000, USA	1	Research & Practical
		FTIR, Bruker, Alpha T, Germany	1	Research & Practical
		TG/DTA, SIINT 6300, Japan	1	Research & Practical
		Ball Mill, PM 100, Germany	1	Research & Practical
		Elga Ultra-Pure Water, Pure lab Q7, UK	1	Research & Practical
		UV-Vis Spectrophotometer, Systronics, 2202, India	1	Research & Practical
		Surface Area Analyzer, Smart Instruments SS-9, India	1	Research & Practical
		XRD, Bruker D2 Phaser	1	Research & Practical

22. Extension activities carried out :

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	NSS			
2	NCC			
3	YRC			
4	Community engagement			
5	Government Programmes			
6	National and International days observed			
7	Others			

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library:

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	627	7	No. of titles available	575
2	Books added during the year 2024-25	-	8	No. of CDs and Digital Books available	5

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
3	No. of Indian Journals/Magazines	-	9	No. of Foreign Magazines/Journals	-
4	No. of data bases available	-	10	No. of Online Journals	-
5	Average No. of students visiting the Library per day	0.5	11	Average No. of books Issued per day	-
			12	No. of digital books	-
6	Availability of Internet (Specify the Capacity) (e.g. – 8 Mbps etc.)	1 Gbps	13	Availability of Language Lab	-
			14	NDL membership 1. Faculty members 2. Students	-

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.

25. Collaborative Researches :

26. Consultancies undertaken: (2024 – 2025)

S.No	Month and Year	Generated Amount
1	July	28750
2	August	3300
3	September	6550
4	October	12190
5	November	20650
6	December	9250
7	January	7050
8	February	17780
9	March	41650
10	April	34590
11	May	8540
12	June	960
Total		191260

27. No. of NET/SET/GATE/CSIR Other Competitive Examinations Qualified students:**28. MOUs signed :**

S.No	Date	MoU signed with	Number of Activities	Remarks
1	20/03/2025	Gnanlex Patent Agents	-	
2	24/01/2025	Govt. Ayurveda College, Kottar	2	

29. Innovations and Best Practices :

S.No	Innovation and Best Practices	Name of the Programme	Date
1	ICT tools used		
2	Teaching and learning initiatives		
4	Eco friendly and sustainable practices		
5	Industrial and Academic connect activities		

30. Academic Flexibility :

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed
			NIL	

31. Membership in professional bodies:

S.No	Name of the Professional Body	No. of members
	NIL	

32. Alumni Meetings held:

S.No	Date	Purpose
	NIL	

33. Any other Information:

NAME OF THE DEPARTMENT: PHYSICS**1. Department Details :**

Name of the Faculty	Faculty of Science and Humanities
Name of the HoD, Phone No. and E-mail ID	Dr. B. Bindhu, 9500427092, bindhub@niuniv.com
Year of Establishment	1989
Telephone Number	
Website / E mail	www.niuniv.com

2. Details of Faculty Members and Supporting staff :

S. No.	Name of the Faculty Members and Supporting staff	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
1.	Dr. B. Bindhu	M.Sc., M.Phil., Ph.D	Professor & Head Dean, Faculty of Science and Humanities, Director, Student Affairs	Two-dimensional materials, Polymer composites, Material Science	21 yrs 1 month	17	bindhub@niuniv.com , 9500427092
2.	Dr. V. N. Meena Devi	M.Sc., Ph.D.	Associate Professor	Environmental physics	20 yrs 4 months	19 yrs 8 months	meenadevi@niuniv.com 9150235295
3.	Dr. C. Sagi Rani	M.Sc., M.Phil., B.Ed., Ph.D	Assistant Professor	Nanomaterials, Thinfilms	16 yrs 8 months	14 yrs	sagirani@niuniv.com sagirani.c@gmail.com 8608342990 9750868394
4.	Dr. N. Y. Sugirtha Suni	M.Sc., M.Phil. B.Ed., Ph.D	Assistant Professor	Materials Science	16	12	sugirthasuni@niuniv.com sugirthasuni@gmail.com 9487746291
5.	Ms. P. Asha	M.Sc., M.Phil. B.Ed.,	Teaching Assistant	Materials science, Polymer Composites	3 yrs 9 months	3 yrs 5 months	ashaphy@niuniv.com 6381649056

3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		Chapter s/ Books		API		Ph.D. awarded		Cumulative Scholar s
		24 - 25	Cumulative	24 - 25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	Ph.D.
1.	Dr. B. Bindhu	2	11	4	58	121	462	1	13	158.6		-	8	8
2.	Dr.V.N.Meena Devi		11	6	73		595	2	4	178	153	4	4	6
3.	Dr.C.Sagi Rani	1	3	0	7	3	21	1	5	135		-	-	-
4.	Dr.N.Y.SugirthaSunil	-	1	-	5	-	5	-	4	139.93				
5.	Mrs. P. Asha	1	1	-	4	1	6	-	-	139				

4.. Research Schemes/Projects undertaken and applied for :

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1						

5. a) Participation of the Faculty members, presentation of papers in Congresses/Conferences/Seminars/Workshops, Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/ Seminar/ Workshop and Venue	Title of the paper	Date
1.	Dr. B. Bindhu	Workshop on "Nanotechnology and Thin Films" & Organized by Department of Physics, SRM Institute of Science and Technology, Ramapuram, Chennai.	Participation	06-08-2025
		One-day Women Leadership Program entitled "Women Leaders: Shaping	Participation	Dec 13, 2024

S. No.	Name of the Faculty	Congress/Conference/ Seminar/ Workshop and Venue	Title of the paper	Date
		Academic Excellence for VIKSIT Bharat@2047” & Organized by the University Grants Commission, Dogra Hall, IIT Delhi.		
		2nd Global Conference on Decarbonizing India Towards Achieving Net Zero	Participation	March 6, 2025
		International Conference on Advanced Functional Materials and Energy Applications	Presentation	February 4, 2025
		Faculty Development Program – Lifeology	Participation	August 28, 2024 to August 30, 2024
		Leveraging AI for effective teaching, enhancing critical thinking and fostering personal growth - Faculty Development Program	Participation	June 8, 2024 to June 8, 2024
		Latest Trends in Additive Manufacturing - 5-Days Online Faculty Development Program	Participation	June 3, 2024 to June 7, 2024
		Malaviya Mission Teacher Training Programme of UGC - NEP 2020 Orientation and Sensitization Programme	Participation	June 3, 2024 to June 11, 2024
		NCRISTS-24 NICHE	Investigating Heavy Metal and Trace Element Content in Antidiabetic Herbs, on Recent Innovation in Science and Technology for Sustainability	August 22-23, 2024
		7 th Online Workshop on IKS-TKDL: Traditional Knowledge - Intellectual Property & People's Rights. & Organized by the Indian Knowledge Systems (IKS) Division, Ministry of Education, and CSIR-	(Participation)	From 1st till 4th & 7th April, 2025.

S. No.	Name of the Faculty	Congress/Conference/ Seminar/ Workshop and Venue	Title of the paper	Date
		Traditional Knowledge Digital Library (TKDL) Unit, Ministry of Science and Technology.		
		International Seminar on Pedestrian Journey from Classical to Quantum Concepts & Organised by Department of Physics, Akal University, Talwandi Sabo, Bathinda, Punjab.	Participation	03-09-2024
		International Webinar on "What You See Is What You Get: Compton Scattering Explores Nuclear Forces" & Organised by Department of Physics, Akal University, Talwandi Sabo, Bathinda, Punjab.	Participation	08-08-2024
3.	Dr. C. Sagi Rani	International Seminar On Recent Advances in Chemical Science (RACS-2025)	Synthesis and characterization of Fe ₂ O ₃ nano particles by the method of chemical precipitation Effects of electromagnetic fields in human health	21-03-2025
4.	Dr. N. Y. Sugirtha Suni	Two day National Conference on Recent Innovations in Science and Technology for Sustainability, Department of Physics, NICHE.	Growth and characterization of Adipic acid Thiourea Single crystal by Slow Evaporation method"	22-08-2024 & 23-08-2024.
		Webinar on "Internet of Things Using Arduino UNO Microcontroller" & Organised by Department of Computer Applications, NICHE.	Participation	20-07-2024
		International Seminar on Pedestrian Journey from Classical to Quantum Concepts &	Participation	03-09-2024

S. No.	Name of the Faculty	Congress/Conference/ Seminar/ Workshop and Venue	Title of the paper	Date
		Organised by Department of Physics, Akal University, Talwandi Sabo, Bathinda, Punjab.		
		International Seminar on “Advanced Materials for Sustainable Development for Energy Applications” & Organized by the Department of Physics, SRM Institute of Science and Technology, Ramapuram Campus, Chennai.	Participation	09-11-2024
		International Conference on Advanced Functional materials and Energy Applications, Department of Physics, Lekshmipuram College of Arts & Science, Neyyoor.	"Studies on Adipic Acid doped Ninhydrin Crystal grown by Solvent Evaporation Method"	04-02-2025
		7 th Online Workshop on IKS-TKDL: Traditional Knowledge - Intellectual Property & People's Rights. & Organized by the Indian Knowledge Systems (IKS) Division, Ministry of Education, and CSIR-Traditional Knowledge Digital Library (TKDL) Unit, Ministry of Science and Technology.	(Participation)	From 1st till 4th & 7th April, 2025.
		Workshop on “Nanotechnology and Thin Films” & Organized by Department of Physics, SRM Institute of Science and Technology, Ramapuram, Chennai.	Participation	06-08-2025
5.	Ms. P. Asha	7 th Online Workshop on IKS-TKDL: Traditional Knowledge - Intellectual Property & People's Rights. & Organized by the Indian Knowledge Systems (IKS) Division, Ministry of	Participation	From 1st till 4th & 7th April, 2025.

S. No.	Name of the Faculty	Congress/Conference/ Seminar/ Workshop and Venue	Title of the paper	Date
		Education, and CSIR-Traditional Knowledge Digital Library (TKDL) Unit, Ministry of Science and Technology.		
		International Seminar on Pedestrian Journey from Classical to Quantum Concepts & Organised by Department of Physics, Akal University, Talwandi Sabo, Bathinda, Punjab.	Participation	03-09-2024
		International Seminar on “High Resolution Gamma Ray Spectrometry” & Organised by Department of Physics, Akal University, Talwandi Sabo, Bathinda, Punjab.	Participation	27-09-2024
		58th SPSR Webinar on “AI Tools for Scientific Writing & Publishing” & Organized by the Society of Pharmaceutical Sciences and Research (SPSR) in association with International Journal of Pharmaceutical Sciences and Research (IJPSR) and International Journal of Pharmacognosy (IJP).	Participation	28-07-2024
		Workshop on “Nanotechnology and Thin Films” & Organized by Department of Physics, SRM Institute of Science and Technology, Ramapuram, Chennai.	Participation	06-08-2025

b) Foreign Faculty/Expert visit to the Department:

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1	Dr. Renil Mon P S Senior Medical Physicist.	Hamad Medical Corporation, Doha.	Qatar	1 day	Guest Lecture

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty member	Role	Event	Title	Venue & Date
1.	Dr.B. Bindhu	External Subject Expert	B.Ed Curriculum Revision	Pedagogy of Physical Sciences	N.V.K.S.D. College of Education (Autonomous) Attoor, K.K.Dist. & 12-07-2024
		Chief Guest	Science Expo	Science Expo	Hindu Vidyalaya Matriculation Higher Secondary School, Karungal. & 15-11- 2024
		Resource Person	Orientation Programme	Orientation Programme for Science Teachers	NVKS Senior Secondary School, Attoor. & 20-07 2024
		Chief Guest	World Photography Day	World Photography Day	Department of Visual Communication, Noorul Islam College of Arts and Science. & 19-08-2024
2.	Dr.V.N. Meena Devi	External Subject Expert	Board of Studies Meeting	BOS Meeting for the Department of Physics	Stella Mary's College of Engineering, Aruthenganvilai, K.K. Dist. & 16-10-2024

7. Details of Seminars, Conferences, Refresher courses, Webinars Organised:

S. No.	Name of the Faculty member	Congress/Conference/Seminar/ Workshop/Symposia , Webinars etc. organised	State/National/ International Level	Date
1	Dr. B. Bindhu	National Conference on Recent Innovations in Science and Technology for Sustainability (NCRISTS-2024)	National	22-08-2024 & 23-08-2024
2.	Dr. V.N. Meena Devi	Seminar on Future of Functional Materials: Trends and Applications	National	22-02-2025
3.	Dr. C. Sagi Rani	National Science Day Celebration – 2025	National	25- 02- 2025
4.	Dr. V.N. Meena Devi	Seminar on Fundamentals of Radiation Physics: Applications, and Safety Measures	National	28-02-2025
5.	Dr. N.Y. Sugirtha Suni	Workshop on Essential Spectroscopy Skills	National	14-05-2025

S. No.	Name of the Faculty member	Congress/Conference/Seminar/ Workshop/Symposia , Webinars etc. organised	State/National/ International Level	Date
6.	Ms. P. Asha	Symposium on Innovations in Physical and Chemical Sciences	National	16-05-2025

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus /SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
1.	Deepa A S, Dr B Bindhu, Dr Sunil S P	Comparison, Evolution and Challenges of Mobilephone batteries in iPhone and Android Devices: Forensic study of Role of a mobile battery of an Android Xiaomi phone.	Journal of Emerging Technologies and Innovative Research/ 2349-5162/ UGC care	11(8)	2024	f189-f206
2.	Shamsiya Shams, B. Bindhu, Adhigan Murali, R. Ramesh, Abdullah Al Souwaileh and Sung Soo Han	Hydrothermal engineering of polyethylene glycol-assisted boron nitride/hematite nanohybrid composites for high-performance supercapacitors	RSC Advances/ 2046-2069/ UGC CARE, Scopus, SCIE	15 (20)	2025	16035-16049
3.	Clinto C O, Bindhu B	Assessment of Dosimetric Uncertainties in Liver Stereotactic Body Radiation Therapy using kilo-voltage Cone-Beam CT	Iranian Journal of Medical Physics/ eISSN 2345-3672/ Scopus	Vol.22 (1)	2025	14-18
4.	S.M. Neeraja and B. Bindhu	A Comprehensive Review on Two-Dimensional Materials for	ES Energy & Environment	28	2025	1411(1-24)

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus /SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
		Water Treatment Applications				
5.	Shamsiya Shams, B. Bindhu, AdhiganMurali, Redrouthu Ramesh, Abdullah Al Souwaileh, Sung Soo Han	High-Performance Boron Nitride/Graphene Oxide Composites Modified with Sodium Thiosulfate for Energy Storage Applications	Nanoscale Advances	7	2025	1803-1813
6.	Sreeja C.K., Meena Devi V.N, and Aneesh M.K	Analysis of Finger Photo Pulse Plethysmography and Body Composition among Low Back Pain Subjects with Lumbar Disc Degenerative Diseases Diagnosed by MRI Analysis	Research Journal of Biotechnology E-ISSN: 2278-4535 Scopus	Vol. 19(7);;	2024	84-90
7.	B. Jebanisha, V.N. Meena Devi, Jiji Varghese, N.R. Aswathy, R. Vinodkumar	Magnetic and dielectric characteristics of rGO modified BFO nanoparticles produced using sol-gel via auto-combustion method	Ceramics International ISSN 02728842 SCI	Volume 50, Issue 19, Part B, 1	2024	36955-36963
8.	K Sreeja, V N. Meena Devi, Mangalasseril K Aneesh, Kavitha S	A digital volume pulse device—finger photo pulse plethysmography to trace the	Radiation Protection Dosimetry 0144-8420	Volume 200, Issue 12,	2024	1163–1166

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus /SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
	Sreekanth	vascular integrity amongst the low back pain subjects with lumbar disc degenerative diseases diagnosed by MRI analysis	Scopus			
9.	B Jebanisha and V.N. Meena Devi	Carbon quantum dots: synthesis, properties and multifaceted applications in biomedical imaging, environmental remediation and sensing technologies	Phys. Scr. 1402-4896 SCI	100 (2025) 012002	2024	1-16
10.	V.N. Meena Devi	Physico-chemical characterization of a low cost biosorbent for efficient sequestration of heavy metals	Journal of Toxicological Studies ISSN 3029-2832 UGC	2025, 3(1), 1660	2025	https://doi.org/10.59400/its1660

9. Details of patents applied/awarded:

S.No.	Name of the Faculty member	Title	Date of filing	Application No.	Award No.
1.	Dr. B. Bindhu, Dr. V.N. Meena Devi, Dr. C. Sagi Rani	IOT Based Plant Extract Analysing Device to Identify Disease	15-08-2024	185544	427145-001

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1.	Dr. B. Bindhu, Dr. V.N. Meena Devi, Dr. C. Sagi Rani, Dr. N.Y. Sugirtha Suni	Engineering Physics/ ISBN: 978-81-965312-0-1	R.K. Publishers/ Coimbatore	2024

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO.	Name of the Programme / Branch of study	Sanctioned Strength	Enrolment during 2024-25		Total	Community														Existing Students, Strength						Pass Percent age of out going batch
			F	M		OC		BC		BCM		MBC/ DNC		SC		SCA		ST		II year	III year				IV year	
						M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	UG Programme																									
	PG Courses	25	2	-	2				1		1									-	2					100%
	Ph.DProgram me	18																								
	Diploma Certificate add on Courses (if any)																									
	MOOC/SWAYAM/NPTEL/ UGC online courses offered																									
	Total	43	2		2				1		1										2					100%

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	
1.	M.Sc Physics	Indian	Kerala		2	2

13. U.G./P.G. and Research degrees awarded:

S. No	UG		P.G.		Ph.D.		
		Total		Total	FT	PT	Total
					-	4	4

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded :

S. No.	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1					

15.Scholarships Awarded:

S. No.	Nature of Scholarship	P.G.		Ph.D.		Total Amount Rs.
		M	F	M	F	
1	B.C.(State)					
2	B.C.M.(State)					
3	M.B.C./D.N.C.(State)					
4	SC/SCA/ST(National)					
5	SC/SCA/ST(State)					
6	AICTE/UGC Scholarships					
7	Management Scholarships		1			Rs. 6,000
8	Loan Scholarship					
9	MoovalurRamamirthamAmmaiyar Scheme					
10	'Pudhumai Penn' (modern woman)					
11	TamizPuthalvan					
12	Others (please Specify the scholarship)					
	Total					

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s	App.	Pa ss	App.	Pa ss
1.	M.Sc.	2	2	2	2												

17. Placement Details:

Name of the Placement co-ordinator: Dr.V.N. Meena Devi			
Phone/Mobile Number :e-mail: 9150235295 meenadevi@niuniv.com			
Number of Placement Programmes:			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	-	1
2	Number of Placements obtained through Campus Interview		
	Ratio of Placement to Students (Total no of Placement / Total no of Students)		1 : 6

18. Outstanding achievements by the Faculty Members:

S. No.	Name of the Faculty	Achievements	Agency
1	Dr. B. Bindhu, Dr. V.N. Meena Devi, Dr. C.Sagi Rani, Dr. N.Y. Sugirtha Suni	Research, Innvations and Institutional advancements.	NICHE

19. Outstanding achievements by Students:

S.No.	Name of the Student	Achievements	Agency
1		Academic Awards	
2	(i) AkshayaGouri L S (ii) Jebanisha B (iii) Varsha V B	Won First Prize in the Intra-University General Quiz Competition - 2025	NICHE
3	(i) AkshayaGouri L S (ii) ShabanuYasmin M	Completed 120 hours of intensive training and project work over a period of four weeks, focusing on Data-Driven Astronomy. (Astronomy and Astrophysics Summer School-2025)	India Space Academy
4		Research Paper Presentation	
5		Others	

**20. Department MeetingsHeld :
BOS,Programe Committee, Course Committee etc.**

S.No	Name	Date	
1.	BOS	05/06/2024 21/02/2025 24/05/2025	
2	Programe Committee	Odd Sem	Even Sem
		23-10-2024 02-12-2024 13-01-2025	24-03-2025 28-04-2025 12-06-2025
3	Course Committee	23-09-2024, 06-11-2024, 12-12-2024, 24-01-2025.	
4	Others		

21. Infrastructure and Research facilities available (Please specify equipments more than TwoLakhs Only) :

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical
		Nil		

22. Extension activities carried out :

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	NSS		-	
2	NCC			
3	YRC			
4	Blood donation camp		21.08.2024	NICHE
	Cleaning campaign		08.10.2024	NICHE
	Road safety awareness		22.10.2024	NICHE
	Blood donation camp		23.10.2024	NICHE
	Watershed management		23.01.2025	NICHE
	Water conservation management		22.05.2025	NICHE
5	GovernemntProgrammes			
6	National and International days observed			
7	Others			

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library:

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	698	7	No. of titles available	
2	Books added during the year 2024-25	-	8	No. of CDs and Digital Books available	11
3	No. of Indian Journals/Magazines	-	9	No. of Foreign Magazines/Journals	-
4	No. of data bases available	-	10	No. of Online Journals	-
5	Average No. of students visiting the Library per day	2	11	Average No. of books Issued per day	1
			12	No. of digital books	27
6	Availability of Internet (Specify the Capacity) (e.g. – 8 Mbps etc.,)	-	13	Availability of Language Lab	-
			14	NDL membership 1. Faculty members 2. Students	

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.

25.Collaborative Researches :School of Chemical Engineering, Yeungnam University, 280 Daehak-Ro, Gyeongsan, Republic of Korea, Department of Chemical Engineering, School of Mechanical, Chemical and Material Engineering, Adama Science and Technology University, Adama, P.O. Box-1888, Adama, Ethiopia, Department of Chemistry, College of Science, King Saud University, Riyadh 11451, Saudi Arabia

26. Consultanciesundertaken : Nil

27. No. of NET/SET/GATE/CSIR Other Compentetive Examinations Qualified students: Nil

28. MOUs signed :

S.No	Date	MoU signed with	Number of Activities	Remarks

29. Innovations and Best Practices :

S.No	Innovation and Best Practices	Name of the Programme	Date
1	ICT tooles used	MS Powerpoint, AI tools	Entire duration of the course
2	Teaching and learning initiatives	Use of ICT Tools, value added courses, guest lectures, hands on training, Industrial visit to CSIR, Participation in FDPs, Workshops, Conferences, Clubs,	Entire duration of the course
4	Eco friendly and sustainable practices	Use of LED lights, Encourage natural lighting and ventilation, paperless practice for circulars, notices and communications, awareness on water conservation, Incorporating sustainability, green practices, environmental awareness in curriculum, student clubs promoting eco-friendly activities	Entire duration of the course
5	Industrial and Academic connect activities	Functional MOUs- Monotech- Overview Session on Paste Extrusion & Bioprinting Applications	27th May 2025

30. Academic Flexibility :

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed

31. Membership in professional bodies:

S.No	Name of the Professional Body	No. of members
1	National Space Club	1

32. Alumni Meetings held:

S.No	Date	Purpose
1.	22. 05. 2025	Role of Science Graduates in Shaping Young Minds

33. Any other Information:

NAME OF THE DEPARTMENT: MULTIMEDIA AND FILM TECHNOLOGY**1. Department Details :**

Name of the Faculty	Humanities and Science
Name of the HoD, Phone No. and E-mail ID	Kavitha. V, 8300105544, mailatkv45@gmail.com
Year of Establishment	2024
Telephone Number	
Website / E mail	mft@niuniv.com

2. Details of Faculty Members and Supporting staff :

S. No.	Name of the Faculty Members and Supporting staff	Qualificatio n	Designat ion	Special ization	Experienc e in years		E-mail ID &Phone/Cell Phone No.
					Te ac hin g	Re se arc h	
1	Alagappan		Course Director	Cinemat ography , Film Making	24		9447036898
2	Santhosh Viswanath	B.Sc., Dip	Co- Director	Film Directio n, Script Writing	7		9207189481

S. No.	Name of the Faculty Members and Supporting staff	Qualification	Designation	Specialization	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
3	Kavitha. V	M.Sc.,SET, NET	Assistant Professor & Head	Visual Communication, Graphic Design & Advertising	9		mailatk45@gmail.com, 8300105544
4	Pradeep. V.N	B.A.	Course Mentor	Film Making			vnptn@gmail.com, 7012593631
5	Salin Dhas. C.S	M.Sc., M.Phil, Pursuing Ph.D	Assistant Professor	Visual Communication, Photography, Cinematography	5	2	salindhas12@gmail.com, 9047178179
6	Arun. B	B.Com., Dip	3D Instructor	Animation	19		arunbk1@gmail.com, 9895951908
7	Rajeev Rajeev	BBA	AI Instructor	Artificial Intelligence			rajeevputhoo@gmail.com, 9074532145

3. Faculty Members Achievements / Performance:

S. No.	Name	h index		Publications		Citations		Chapter s/ Books		API		Ph.D. awarded		Cumulative Scholars
		24 - 25	Cumulative	24 - 25	Cumulative	24 - 25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	Ph.D.

4.. Research Schemes/Projects undertaken and applied for:

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1						
2						

5. a) Participation of the Faculty members, presentation of papers in Congresses/Conferences/Seminars/Workshops,Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Date
1				
2				

b) Foreign Faculty/Expert visit to the Department:

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1					

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty member	Role	Event	Title	Venue & Date
1	Kavitha. V	Resource Person	FDP	Empowering Media Educators for Digital Storytelling Era	Online Mode at NICHE, May 27, 2025
2	Kavitha. V	Resource Person	Literary Club Activity	Unlock the Art of Storytelling	NICHE, October 24, 2024

7. Details of Seminars, Conferences, Refresher courses, Webinars Organized :

S. No.	Name of the Faculty member	Congress/Conference/Seminar/ Workshop/Symposia, Webniars etc. organised	State/National/ International Level	Date
1	Kavitha. V	Symposium	State	May 30,2025
2	Kavitha. V & Salin Dhas. C.S	Faculty Development Programme	National	May 26 to 30, 2025
3	Kavitha. V & Salin Dhas. C.S	Global Conference on 'Media, Film and Visual Arts'	International	May 22 & 23, 2025
4	Salin Dhas. C.S	PDP on 'Breaking into Design Industry'	State	May 21, 2025
5	Kavitha. V	Workshop on 'Acting'	State	May 5 to 7, 2025
6	Santhosh Viswanath	Workshop on 'Voice to Vision'	State	April 16,2025
7	Pradeep. V. N	Seminar on 'Aesthetics in Cinema'	International	March 20, 2025
8	Kavitha. V	Campaign on 'Mobile Addiction'	National	March 20, 2025

S. No.	Name of the Faculty member	Congress/Conference/Seminar/ Workshop/Symposia, Webinars etc. organised	State/National/ International Level	Date
9	Arun. B	Industrial Visit to 'Toonz Animation,	State	December 10,2024
10	Santhosh Viswanath	Workshop on Script to Screen	State	December 2 & 4, 2024
11	Santhosh Viswanath	Seminar on 'Art & Science of VFX'	National	November 25, 2024
12	Pradeep. V. N	Industrial Visit to 'Chitranjali Studio'	State	October 22, 2024
13	Kavitha. V	Photography Field Trip 'Frames of Kanyakumari,	State	September 30,2024

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus /SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)

9. Details of patents applied/awarded:

S.No.	Name of the Faculty member	Title	Date of filing	Application No.	Award No.

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1				

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO.	Name of the Programme / Branch of study	Sanct ioned Stren gth	Enrolment during 2024-25		Total I	Community														Existing Students, Strength								Pass Percenta ge of out going batch
			F	M		OC		BC		BCM		MBC/ DNC		SC		SCA		ST		II year		III year		IV year				
						M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	UG Programme (Film Making)	10	0	7		1	0	4		2										5	0							
	UG Programme (Animation and VFX)	10	1	9				6	1	2		1								8	1							
	PG Courses (Visual Communicatio n)	5	1	1		1	1													1	1							
	Ph. D Programme																											
	Diploma Certificate add on Courses (if any)																											
	MOOC/SWA YAM/NPTEL/ UGC online courses offered																											
	Total																											

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	

13. U.G./P.G. and Research degrees awarded:

S. No	UG		P.G.		Ph.D.		
		Total		Total	FT	PT	Total

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded :

S. No.	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1					

15.Scholarships Awarded:

S. No.	Nature of Scholarship	P.G.		Ph.D.		Total Amount Rs.
		M	F	M	F	
1	B.C.(State)					
2	B.C.M.(State)					
3	M.B.C./D.N.C.(State)					
4	SC/SCA/ST(National)					
5	SC/SCA/ST(State)					
6	AICTE/UGC Scholarships					
7	Management Scholarships					
8	Loan Scholarship					
9	Moovalur Ramamirtham Ammaiyar Scheme					
10	'Pudhumai Penn' (modern woman)					
11	Tamiz Puthalvan					
12	Others (please Specify the scholarship)					
	Total					

16. Performance of the Students:

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		Ap p.	Pa ss	App	Pas s	App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s	App	Pa ss	App.	Pa ss
1	B Sc Film making	6	5	5	5												
2	B Sc Animation and VFX	9	6	9	9												
3	MSc	2	2	2	2												

S. No	Course	S1		S2		S3		S4		S5		S6		S7		S8	
		Ap p.	Pa ss	App	Pas s	App.	Pas s	App.	Pas s	App.	Pas s	App.	Pas s	App	Pa ss	App.	Pa ss
	Visual communication																

17. Placement Details:

Name of the Placement co-ordinator:			
Phone/Mobile Number :e-mail:			
Number of Placement Programmes:			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed		
2	Number of Placements obtained through Campus Interview		
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)		

18. Outstanding achievements by the Faculty Members:

S. No.	Name of the Faculty	Achievements	Agency
1			

19. Outstanding achievements by Students:

S.No.	Name of the Student	Achievements	Agency
1	Neha. S.R	Academic Awards	NICHE
2	Jebarson. D	Photography – 3 rd Prize	Kanyakumari Nature Foundation
	Justin Jose	Photography – 1 st Prize	NMCC
3		Research Projects	
4		Research Paper Presentation	
5		Others	

20. Department Meetings Held:

BOS,Programme Committee, Course Committee etc.

S.No	Name	Date
1.	BOS	
2	Programme Committee	7.10.2024
3	Course Committee	9.10.2024
4	Others	

21. Infrastructure and Research facilities available (Please specify equipment's more than Two Lakhs Only):

S. No.	Name of the Lab	Name of the Equipment's/ Computer/Software/Others	Quantity	Purpose Research/Practical
1				

22. Extension activities carried out:

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	NSS			
2	NCC			
3	YRC			
4	Community engagement			
5	Government Programmes			
6	National and International days observed			
7	Others			

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library:

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	06	7	No. of titles available	
2	Books added during the year 2024-25	06	8	No. of CDs and Digital Books Available	
3	No. of Indian Journals/Magazines		9	No. of Foreign Magazines/Journals	
4	No. of data bases available		10	No. of Online Journals	
5	Average No. of students visiting the library per day		11	Average No. of books Issued per day	
			12	No. of digital books	
6	Availability of Internet (Specify the Capacity) (e.g. – 8 Mbps etc.,)	100 Mbps	13	Availability of Language Lab	
			14	NDL membership 1. Faculty members 2. Students	1

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.
1	Desktop Computers	Intel i9, 32GB, Gen4 NVMe SSD, Graphic Card	9
		Intel i9, 32GB, Gen4 NVMe SSD	9
2	Wi-Fi Routers	High-speed, Dual Band	1
3	Licensed Software Packages	Autodesk – Educational Version	1
4	Headphones	Wired sets	4
5	Microphone	Dynamic & Condenser	2

25. Collaborative Researches:**26. Consultancies undertaken:****27. No. of NET/SET/GATE/CSIR Other Competitive Examinations Qualified students:****28. MOUs signed:**

S.No	Date	MoU signed with	Number of Activities	Remarks
1	04.02.2025	Toonz Media Group	01	

29. Innovations and Best Practices:

S. No	Innovation and Best Practices	Name of the Programme	Date
1	ICT tools used	Use of LMS	2024-2025
2	Teaching and learning initiatives	Flipped Classroom, Experiential Learning Workshops, Student Film Screening & Review Sessions	2024-2025
4	Eco friendly and sustainable practices	Paperless Communication	2024-2025
5	Industrial and Academic connect activities	Guest Lectures by Media Professionals, MoU with Studio, Internship	2024 -2025

30. Academic Flexibility:

S. No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed

31. Membership in professional bodies:

S. No	Name of the Professional Body	No. of members

32. Alumni Meetings held:

S. No	Date	Purpose

33. Any other Information:

NAME OF THE DEPARTMENT: SOFTWARE ENGINEERING**1. Department Details :**

Name of the Faculty	Computer Science
Name of the HoD, Phone No. and E-mail ID	Dr. J. P. Jayan, 9488081200, jayan@niuniv.com
Year of Establishment	1999
Telephone Number	9486856112
Website / E mail	software@niuniv.com

2. Details of Faculty Members and Supporting staff :

S. No.	Name of the Faculty Members and Supporting staff	Qualification	Designation	Specialisation	Experience in years		E-mail ID & Phone/Cell Phone No.
					Teaching	Research	
1	Dr. J. Charles	M.Sc., M.Tech., Ph.D	Associate Professor	Software Engineering	28Y	6Y	jebapillaicharles@gmail.com Mob: 9025729699
2	Dr. J.P. Jayan	M.C.A., M. Phil., Ph.D.	Associate Professor	Image Processing	19Y 3M	6Y	jayan@niuniv.com Mob: 9488081200
3	Dr. S. Jerine	M. Sc., M. Phil., Ph.D.	Associate Professor	Networking	20Y	6Y	jerine@niuniv.com Mob: 9486007267
4	Dr. R.I. Heaven Rose	M.Sc., M. Phil., Ph.D.	Associate Professor	Data Mining	18Y 11M	1Y	heavenrose@niuniv.com Mob: 9965406285
5	Dr. P.V. Samuel Blessed Nayagam	M.Sc., M. Phil., Ph.D.	Associate Professor	Cloud Computing	18Y 2 M	1Y	Samuel@niuniv.com Mob: 9443693861
6	Dr. V. Alan GowriPhivin	M.C.A., M. Phil., Ph.D.	Assistatnt Professor	Data Mining	19Y 3M	1Y	alanshaney@gmail.com Mob: 9442130260

3. Faculty Members Achievements /Performance:

S. No.	Name	h index		Publications		Citations		Chapters / Books		API		Ph.D. awarded		Cumulative Scholars
		24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	24-25	Cumulative	Ph.D.
1	Dr. J. Charles	1	3	1	9	1	8	-	-			-	4	6
2	Dr. J.P. Jayan	1	5	3	21	4	67	1	1			-	-	5
3	Dr. S. Jerine	1	3	4	25		29	1	1			2	2	8
4	Dr. R.I. Heaven Rose	-	1	-	3	1	-			-	-	-	-	1
5	Dr. P.V. Samuel Blessed Nayagam	-	1	-	3	-	-			-	-	-	-	1
6	Dr. V. Alan GowriPhivin	-	1	-	3	-	-			-	-	-	-	1

4.. Research Schemes/Projects undertaken and applied for :

S. No.	Name of the Principal Investigator	Funding Agency	Title of the Project	Duration		Amount Rs.
				From	To	
1	Nil					

5. a) Participation of the Faculty members, presentation of papers in Congresses/Conferences/Seminars/Workshops, Symposia, etc.

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Date
1	Dr. J. P. Jayan	Webinar	IoT using Arduinio UNO Microcontroller	20-07-2024
2	Dr. J. P. Jayan	International Conference on recent advances in Cloud Computing, NICAS	Diagnostic Accuracy in Liver disease through machine learning and deep learning models	06-09-2024
3	Dr. J. P. Jayan	International Conference- FoCS-2025, Kumaracoil	A noval method for detection and prediction of lung cancer in chest images using 3DCNN	02.05.2025

S. No.	Name of the Faculty	Congress/Conference/Seminar /Workshop and Venue	Title of the paper	Date
4	Dr. J. P. Jayan	International Conference- FoCS-2025, Kumaracoil	Stress as a silent culprit: unveiling the impact of psychological stress on the development and progression of NAFLD using AI Techniques	02.05.2025
5	Dr. S. Jerine	International Conference- ICRTCA'25, Kumaracoil	Dandelion Optimization based Multi scale attention residual for skin disease segmentation	07.03.2025
6	Dr. S. Jerine	International Conference-ICIET-2025, Kumaracoil	An Efficient Channel Preprocessing based UFO-NET for skin disease classification using Machine Learning Algorithms.	02.04.2025
7	Dr. S. Jerine	International Conference- FoCS-2025, Kumaracoil	Utilizing Machine Learning Approaches for Identification and Classification of Dermatological Conditions via an Effective Methodology	02.05.2025
8	Dr. S. Jerine	International Conference- FoCS-2025, Kumaracoil	Pixels and Perception: Enhancing Visual Narratives Through Photo Editing	02.05.2025
9	Dr. S. Jerine	International Conference- FoCS-2025, Kumaracoil	AI in Hearing Aid Personalization: A Systematic Review of ML Algorithms for gain prediction and Fitting Optimization	02.05.2025
10	Dr. S. Jerine	Workshop/ ECE/ NICHE	IoT and its Impacts on Industries	09-09-2024
11	Dr. S. Jerine	Workshop/ IT/ NICHE	An insight into Deep Learning	25-09-2024
12	Dr. S. Jerine	Workshop/ CA/ NICHE	IoT using Audrino UNO Microcontroller	20-07-2024
13	Dr.V.AlanGowri Phivin	International Conference on Future of connected Systems – IoT , AI& 5G, NICHE	Recent Advances in Drought Forecasting: Unveiling Innovations in Predictive Modeling	2 nd May 2025
14	Dr. R.I. Heaven Rose	International Conference- ICRTCA'25, NICHE, Kumaracoil	Deep Learning Based Techniques for Automatic Classification of Cervical cancer	07.03.2025

S. No.	Name of the Faculty	Congress/Conference/Seminar/Workshop and Venue	Title of the paper	Date
15	Dr. R.I. Heaven Rose	International Conference on Future of connected Systems – IoT , AI& 5G, NICHE, Kumaracoil	AI- Driven Network Security: Advancements in Threat Detection for Proactive Defense	02.05.2025

b) Foreign Faculty/Expert visit to the Department: Nil

S. No.	Name & Designation	Institute	Country	Duration	Purpose
1					

6. Faculty acted as Chief Guest, Key note Speakers, Resource Person, Chair Person, External experts, etc. :

S. No.	Name of the Faculty member	Role	Event	Title	Venue & Date
1	Dr. J. P. Jayan	External Expert	VVV College for Woman	BoS Member	13.02.23 to 12.02.26

7. Details of Seminars, Conferences, Refresher courses, Webinars Organised:

S. No.	Name of the Faculty member	Congress/Conference/Seminar/Workshop/Symposia , Webinars etc. organised	State/National/ International Level	Date
1	Dr. J.P. Jayan	International Conference on Future of connected Systems – IoT , AI& 5G, NICHE	International	2-5-2025
2	Dr. V. Alan GowriPhivin	Symposium- EXPLORICA'25	National	14-5-2025
3	Dr. S. Jerine	Faculty Development Program on Workflow Automation with AI in Word/ Excel	National	16-12-2024 to 20-12-2024
4	Dr. R.I. Heaven Rose	Guest Lecture on Artificial Intelligence and Deep Learning	National	30-9-2024
5	Dr. J. Charles	Seminar on AI in Education	National	30-7-2024

8. Publication of Research Papers at the State/National/International Levels:

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus /SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
1	Dr. S. Jerine	MANET routing with deep maxout-based	International Journal Of Bio-Inspired	Vol; 25, Issue: 1	Jan 2025	32-42

S. No.	Author(s)	Title of the paper	Journal with ISSN/Scopus /SCI/UGC care	Volume No. Issue No.	Year of Publication	Page(pp)
		energy prediction using optimisation	Computation ISSN: 1758-0366 SCI			
2	Dr. S. Jerine	Prediction of skin diseases using grab cut based segmentation with hybrid SCH feature extraction and optimized RBFN algorithm	Biomedical Signal Processing And Control ISSN: 1746-8094 SCI	Volume 96 Part B	Oct 2024	103-118
3	Dr. S. Jerine	Data aggregation and routing in Mobile Ad hoc network: Introduction to Self-Adaptive Tasmanian Devil Optimization	WEB INTELLIGENCE ISSN: 2405-6456 SCI	Volume 22 Issue 4	JAN 2025	501-521
4	Dr. S. Jerine	Effective Skin Cancer Prediction using Hybrid Xception and XGBoost approach tuned by honey badger optimization	Multimedia Tools and Applications SCI	Vol: 83, Issue: 36	NOV 2024	83889-83916

9. Details of patents applied/awarded:

S.No.	Name of the Faculty member	Title	Date of filing	Application No.	Award No.
1	Dr. S. Jerine	IoT based Plant Extract Analysing Device to Identify Disease	15 th August 2024		427145-001

10. Publications of Books/Monographs:

S. No.	Author(s)	Name of the Book with ISBN	Publisher/Place	Year
1				

11. Courses offered, Sanctioned Strength of Students and Enrolment details:

S. NO.	Name of the Programme / Branch of study	Sancti oned Stren gth	Enrolment during 2024-25		Tota l	Community														Existing Students, Strength						Pass Percent age of out going batch
			F	M		OC		BC		BCM		MBC/ DNC		SC		SCA		ST		II year		III year		IV year		
						M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	UG Programme	30	8	18	26		1	14	6			3	1	1						10	1	16	2	-	-	55.55
	PG Courses																									
	Ph.DProgram me																									
	Diploma Certificate add on Courses (if any)																									
	MOOC/SWA YAM/NPTEL/ UGC online courses offered																									
	Total	30	8	18	26	0	1	14	6	0	0	3	1	1	0	0	0	0	0	10	1	16	2	0	0	55.55

12. Enrolment of Students from Overseas and other States:

S. No.	Degree and Subject	Nationality	State	Number of Students		Total
				Male	Female	
1	B. Sc Computer Science	Indian	Kerala	3	2	5
2	B. Sc Computer Science	Indian	Karnataka	-	1	1

13. U.G./P.G. and Research degrees awarded:

S. No	UG		P.G.		Ph.D.		
	B. Sc CS	Total		Total	FT	PT	Total
1	4	4	-	-	1	2	3

14. Fellowships Awarded (National/International) Faculty/Students Stipend awarded :

S. No.	Agency	Position (URF/JRF/SRF/RA/ others)	Number of Fellowships		Total
			M	F	
1	Nil				

15.Scholarships Awarded:

S. No.	Nature of Scholarship	U.G.		P.G.		Total Amount Rs.
		M	F	M	F	
1	B.C.(State)					
2	B.C.M.(State)					
3	M.B.C./D.N.C.(State)					
4	SC/SCA/ST(National)					
5	SC/SCA/ST(State)					
6	AICTE/UGC Scholarships					
7	Management Scholarships	21	-	-	-	63,000.00
8	Loan Scholarship					
9	MoovalurRamamirthamAmmaiyar Scheme	-	-	-	-	-
10	'Pudhumai Penn' (modern woman)	-	3	-	-	36,000.00
11	TamizPuthalvan	13	-	-	-	1,56,000.00
12	Others (please Specify the scholarship)					
	Total					2,55,000.00

16. Performance of the Students :

S. No	Course	S1		S2		S3		S4		S5		S6	
		App	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass
1	B.Sc Computer Science	21	11	21	6	11	5	11	7	18	15	18	16
2	B.Sc AI with CAD	2	2	2	2	-	-	-	-	-	-	-	-

17. Placement Details:

Name of the Placement co-ordinator: Dr. R. I. Heaven Rose			
Phone/Mobile Number : 9965406285 e-mail: heavenrose@niuniv.com			
Number of Placement Programmes:			
S. No.	Particulars	Numbers of students placed	
		Male	Female
1	Number of Students Placed	1	2
2	Number of Placements obtained through Campus Interview	1	2
3	Ratio of Placement to Students (Total no of Placement / Total no of Students)	1/16	2/2

18. Outstanding achievements by the Faculty Members:

S. No.	Name of the Faculty	Achievements	Agency
1	Dr. J. P. Jayan	Academic Research Activities	NICHE
2	Dr. S. Jerine	Academic Research Activities	NICHE
3	Dr. P. V. Sameuel Blessed Nayagam	Academic Research Activities	NICHE

19. Outstanding achievements by Students:

S.No.	Name of the Student	Achievements	Agency
1	KamaruNisha O M	Academic Awards: University Rank Holder and overall topper	NICHE
2		Participation in Cocurricular/ hecathan	
3		Research Projects	
4		Research Paper Presentation	
5	Ragavi V	Others 1. Second place in attending class with the Highest Percentage of Attendance (99.39)	NICHE
6	Pandiselvam, Pradeesh, Sakin, Mahanathan, Ajith, Karthikeyan, Sivasaravanas	2. III prize - CM TropyKabbadi (September 2024)	TN Govt.

S.No.	Name of the Student	Achievements	Agency
7	Pandiselvam, Pradeesh, Sakin, Mahanathan, Ajith, Karthikeyan, Sivasaravanas	3. II Prize – District Level Kabbadi	Kuzhithurai Municipality, Kanyakumari Dist
8	Dinesh, Abish	4. I Prize - District Level Volly Ball	Kanyakumari Dist

20. Department MeetingsHeld :
BOS,Programe Committee, Course Committee etc.

S.No	Name	Date
1.	BOS	22.02.2025, 27.05.2025
2	Programe Committee	10.07.2024, 20.9.2024, 5.11.2024, 10.2.2025, 14.3.2025, 05.05.2025
3	Course Committee	11.07.2024, 20.08.2024, 04.08.2024, 09.01.2025, 21.02.2025, 15.05.2025
4	Department level meetings	22.07.2024, 04.10.2024, 08.01.2025, 11.04.2025

21. Infrastructure and Research facilities available (Please specify equipments more than TwoLakhs Only) : Nil

S. No.	Name of the Lab	Name of the Equipments/Computer/Software/Others	Quantity	Purpose Research/Practical

22. Extension activities carried out : Nil

S. No.	Name of the Activity	Beneficiaries	Date	Venue
1	NSS			
2	NCC			
3	YRC			
4	Community engagement			
5	GovernemntProgrammes			
6	National and International days observed			
7	Others			

23. Department Library/Learning Resources/ Information and Language Lab:

Name of the Librarian or Faculty in-charge of the Library:

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
1	No. of books available	1073	7	No. of titles available	-
2	Books added during the year 2024-25	-	8	No. of CDs and Digital Books available	10
3	No. of Indian Journals/Magazines	-	9	No. of Foreign Magazines/Journals	-
4	No. of data bases available	-	10	No. of Online Journals	-

S. No.	Particulars	Nos.	S. No.	Particulars	Nos.
5	Average No. of students visiting the Library per day	2	11	Average No. of books Issued per day	1
			12	No. of digital books	-
6	Availability of Internet (Specify the Capacity) (e.g. – 8 Mbps etc.,)	-	13	Availability of Language Lab	-
			14	NDL membership 17. Faculty members 18. Students	-

24. Information and Communication Technology Resources:

S. No.	Name of the Equipment	Specifications	Nos.
1	Computer Systems	Intel i5, 4 GB DDR 4 Ram, 256 SSD, 512 HDD, 21" HP Monitor, Inbuild Graphics Card	19

25. Collaborative Researches : Nil

26. Consultancies undertaken : Nil

27. No. of NET/SET/GATE/CSIR Other Competitive Examinations Qualified students:

Nil

28. MOUs signed :

S.No	Date	MoU signed with	Number of Activities	Remarks
1	04-09-2024	HugoByte Network Labs LlcFz, Dubai	-	-

29. Innovations and Best Practices :

S.No	Innovation and Best Practices	Name of the Programme	Date
1	ICT tools used	Faculty Development Program on Workflow Automation with AI in Word/ Excel	16-12-2024 to 20-12-2024
2	Teaching and learning initiatives	Seminar on AI in Education	30-07-2024
4	Eco friendly and sustainable practices	Nil	
5	Industrial and Academic connect activities	BEO, Software Solution, Cochin	13-02-2025

30. Academic Flexibility : Nil

S.No	Courses offered	Platform (MOOC, NPTEL, etc.)	No. Students enrolled	No. of Students Passed

31. Membership in professional bodies: Nil

S.No	Name of the Professional Body	No. of members

32. Alumni Meetings held:

S.No	Date	Purpose
1	27-12-2024	To hold Strong Alumni for admissions, placements, research and teaching learning process

33. Any other Information:

RESEARCH AND DEVELOPMENT CENTRE**1. Centre Details**

Name	BRDC
Director's Name	Dr. M. Dev Anand
Phone No.	+(91) 9486856122, +(91) 250 462
Website/E-mail	http://www.niuniv.com/research.html , dir-research@niuniv.com
Deputy Director's Name	Dr.S.S. Kumar
Assiatant Director's Name	Dr. R. Ramesh Pallappan

2. Board of Research and Development and Consultancy

Sl. No.	Name of the Members	Designation
21.	Dr. Tessy Thomas, Vice-Chancellor, NICHE.	Chairman
22.	Dr. K. A. Janardhanan, Dean, Faculty of Management Studies, NICHE.	Member
23.	Dr. A. Shajin Nargunam, Dean, Faculty of ICE, NICHE	Member
24.	Dr. M. K. Jeyakumar, Dean, Faculty of Computer Science, NICHE.	Member
25.	Dr. R.S. Vinod Kumar, Dean, Faculty of EEE, NICHE.	Member

Sl. No.	Name of the Members	Designation
26.	Dr. B. Bindhu, Dean, Faculty of Humanities & Science, NICHE.	Member
27.	Dr. M. Murugan, Dean, Faculty of Technology, NICHE.	Member
28.	Dr. R. C. Mehta, Dean, Faculty of Aeronautical and Space Technology, NICHE.	Member
29.	Dr. V. Narayanan Nair, Dean, Faculty of Civil Engineering, NICHE.	Member
30.	Dr. S. John Leon, Dean, Faculty of Marine Engineering, NICHE.	Member
31.	Dr. M. Sankaranarayana Pillai, Dean, Faculty of Allied Health and Sciences, NICHE.	Member
32.	Padma Shri. Dr. N. Vedachalam, Distinguished P, Director-LPSC (Rtd.), VSSC, Trivandrum.	Member
33.	Dr. N. Periasamy, P, School of Chemistry, University of Hyderabad, Hyderabad.	Member
34.	Dr. T. J. Pandian, Emeritus P, School of Biological Sciences, M.K University, Madurai.	Member
35.	Dr. M. Lakshmanan, Profesor of Eminence & DST Ramanna Fellow, Centre for Nonlinear Dynamics, Bharathidasan University, Trichy.	Member
36.	Dr. A. Kannan, P & Head, Department of Information Science & Technology, Anna University, Chennai.	Member
37.	Dr. T. J. Apren, Head, R.F System and Development Division, VSSC, Thumba, Trivandrum - 695002	Member
38.	Dr. M. Dev Anand, Dean, Faculty of Mechanical Engineering, Director - Research, NICHE.	Member Secretary
39.	Dr. P. Thirumalvalavan, Registrar, NICHE	Invitee

3. Research Parameters :

Sl. No.	Particular	2024-25	Cumulative
1.	Publications (SCI Web of Science, Scopus, UGC-CARE Approved Journals Etc).	352	4650
2.	Citation Index	5843	37280
3.	h index of NICHE	8	69
4.	Books/ Chapters in Books Published with ISBN	280	864 from 2019 Onwards

4. List of Approved Supervisors

I. Faculty of Science & Humanities

Department: Chemistry

Sl. No.	Name of the Supervisor	Email Address & Mobile Number	Area of Interest	Eligible Vacancy	Allotment	Vacancy Available
1.	Dr. J. Joseph	chem_joseph@yahoo.co.in +(91)9629474150	Bio-Inorganic Chemistry, Inorganic Chemistry, Synthetic Organic Chemistry, Natural Product Chemistry	08	06	02
2.	Dr. T. M. Sharmila	caalwinrs@gmail.com +(91)9486089576	Inorganic Chemistry, Bio-Inorganic Chemistry, Environmental Chemistry	04	04	Nil
3.	Dr. E.H. Edinsha Gladis	edinsha@gmail.com +(91)9751252665	Bio-Inorganic Chemistry, Environmental Chemistry, Physical Chemistry, Energy	04	Nil	04

Department: Physics

Sl. No.	Name of the Supervisor	Email Address & Mobile Number	Area of Interest	Eligible Vacancy	Allotment	Vacancy Available
1.	Dr. V. N. Meena Devi	vndevi@gmail.com +(91)9150235295	Bio-Energy, Environmental Physics, Spectroscopy, Corrosion Studies	06	03	03
2.	Dr. B. Bindhu	bindhu.krishna80@gmail.com +(91)9486598942	Crystal Growth, Spectroscopic Techniques, Nano Materials, Bio-Materials	08	08	Nil
3.	Dr. C. Sagi Rani	sagirani.c@gmail.com +(91)9750868394	Nano Materials, Bio-Materials	04	Nil	04
4.	Dr. N.Y. Sugirtha Suni	sugirthasuni@yahoo.in +(91)9487746291	Crystal Growth, Nano Materials, Bio-Materials	04	Nil	04

Department: English

Sl. No.	Name of the Supervisor	Email Address & Mobile Number	Area of Interest	Eligible Vacancy	Allotment	Vacancy Available
1.	Dr. R. Subramania Pillai	rspillai@gmail.com 9952734060	ELT, English Literature	08	08	Nil
2.	Dr. R. David Raja Bose	rdrajabose61@gmail.com +(91)9443579244	Comparative Literature, American Novels, India Novels Feminism, African Novelists-Post Colonialad	08	06	02
3.	Dr. P. Deepa	deepam_nice@rediffmail.com +(91)9994850845	ELT, English Literature	04	04	Nil
4.	Dr. Sheila J.	jsheila@niuniv.com +(91)6374349416	ELT, English Literature	04	04	Nil
5.	Dr. M. Kohila	kohisatha2005@gmail.com +(91)9488272334	English Literature	04	03	01

Department: Mathematics

Sl. No.	Name of the Supervisor	Email Address & Mobile Number	Area of Interest	Eligible Vacancy	Allotment	Vacancy Available
1.	Dr. M. Immaculate Mary	imma_arul@yahoo.com +(91)9486856123	Stochastic Processes	08	02	06
2.	Dr. J. John Arul Singh	arul_singh_maths@yahoo.com +(91)9944509724	Graph Theory, Algebraic Graph Theory, Topological Graph Theory, and Algebra	04	01	03
3.	Dr. T.M. Selvarajan	Selvarajan1967@gmail.com +(91)9443844903	Graph Theory, Fuzzy Algebra	06	02	04
4.	Dr. K. Uma Samundeswari	kuskrishna@gmail.com +(91)9894071318	Graph Theory	06	06	Nil
5.	Dr. K. Uma Devi	devi.uma30@gmail.com +(91)9487659151	Fuzzy Algebra, Algebra	04	Nil	04
6.	Dr. P. Nageswari	nageswarikanan06@gmail.com +(91)9677318713	Graph Theory	04	02	02
7.	Dr. D. Sheeba	dssheeba@gmail.com +(91)9442606150	Stochastic Processes	04	03	01

Sl. No.	Name of the Supervisor	Email Address & Mobile Number	Area of Interest	Eligible Vacancy	Allotment	Vacancy Available
	Singh					
8.	Dr. M. Sudha	sudha.iejyakumar@yahoo.in +(91)9486962339	Graph Theory	04	04	Nil

II. Faculty of Mechanical Engineering
Department: Automobile Engineering & Mechanical Engineering

Sl. No.	Name of the Supervisor	Email Address & Mobile Number	Area of Interest	Eligible Vacancy	Allotment	Vacancy Available
1	Dr. M. Dev Anand	anandpmt@hotmail.com +(91)9486758653	Robotics, Optimization, Advanced Manufacturing Process (Machining, Welding and Forming)	08	04	04
2	Dr. G. M. Joseline Herbert	joselinedev@yahoo.co.in +(91)9442381611	Wind Energy	08	02	06
3	Dr. Stanly Jones Retnam	er.stanleybjones@yahoo.co.in +(91) 9443791408	Composite Materials, Coating, Characterization	06	06	Nil
4	Dr. R. Rajesh	rajesh200345@yahoo.co.in +(91)9488882073	Optimization Techniques, Intelligent Manufacturing System, Machining of Composite Materials	06	06	Nil
5	Dr. M. Edwin Sahaya Raj	ebi_002@rediffmail.com +(91)9443734994	Electro less Coating, Metal Cladding, Composite Metal, Alternative Fuels	06	04	02
6	Dr. V. K. Jebasingh	jebasingh@live.in +(91)9488500504	Thermal Energy, Solar Energy, Renewable Energy, Computational Fluid Dynamics	06	03	03

Sl. No.	Name of the Supervisor	Email Address & Mobile Number	Area of Interest	Eligible Vacancy	Allotment	Vacancy Available
7	Dr. K. S. Jai Aultrin.	aultrin2010@gmail.com +(91) 7598236159	Advanced Manufacturing Process, Composite Materials, Machining, Optimization	06	02	04
8	Dr. N. Ramasamy	nramasamy2002@yahoo.com +(91) 9486085018	Manufacturing Engineering, SCM, Mechanical Engineering, Engineering Design	06	04	02
9	Dr. V.V. Monikandan	saai.manikandan@gmail.com +(91)9047148149	Tribological Behavior of Alloys and Composites, Advanced Material Characterization Techniques, Machining, Tribology of Orthopedic Implants	06	Nil	06
10	Dr. Lalu Gladson Robin	lala@niuniv.com +(91)9442707070	Bulk Metallic Glass and Composites, Composite Materials and Joining Techniques, Mechanical Behavior and Deformation Mechanisms, Advanced Characterization Techniques	06	Nil	06
11	Dr. Neela Rajan R. R.	nelraj2012@gmail.com +(91)8903570380	Propulsion, Composite Materials, IC Engines, Aerodynamics.	04	Nil	04
12	Dr. R. Ramesh Palappan	rrpalappan@gmail.com +(91)9486011477	Thermal Energy Storage, Phase Change Materials. Biomass, Heat Transfer	04	01	03
13	Dr. Darwins A. K.	akdarwins@gmail.com , +(91)9487657885	Welding,, Composite Materials, Material Characterization, Magnesium Alloys	04	Nil	04

Sl. No.	Name of the Supervisor	Email Address & Mobile Number	Area of Interest	Eligible Vacancy	Allotment	Vacancy Available
14	Dr. Jerold Jose P.	joseweld@gmail.com +(91)9003989637	Welding Technology, Metallurgical Science, Composite Materials, Optimization	04	02	02

III. Faculty of Information and Computer Engineering

Department: Computer Science and Engineering, Information Technology & Computer Applications

Sl. No.	Name of the Supervisor	Email Address & Mobile Number	Area of Interest	Eligible Vacancy	Allotment	Vacancy Available
1.	Dr. A. Shajin Nargunam	ashajins@yahoo.com +(91)9486856113	Mobile Communication, Wireless Network, Network Security, Cloud Computing.	08	07	01
2.	Dr. M. K. Jeyakumar	jayakumarmk@yahoo.com +(91)9443281067	Mobile Computing, Net Working, Image Processing.	08	07	01
3.	Dr. Ben Sujitha Reghu	bensujitha@gmail.com +(91) 9488282942	Computer Security, Big Data, IoT. Machine Learning	08	08	Nil
4.	Dr. K. Siva Sankar	sivasankarniu@gmail.com +(91)9442229791	System Software, Operating System, and Embedded System	06	06	Nil
5.	Dr. S. Maria Celestin Vigila	celesleon@yahoo.com +(91)9442150033	Data Security, Cryptography and Data Hiding, Image Processing, Network Communication and Cloud Computing	06	06	Nil
6.	Dr. J. R. Jeba	irjeba@rediffmail.com +(91)9442653616	Data Mining, Software Engineering	06	06	Nil
7.	Dr. Mathu Soothana S. Kumar	rmsskdhuja@gmail.com +(91)9486856119	Image Processing, Data Mining, Data Base Management, Soft Computing	08	07	01

Sl. No.	Name of the Supervisor	Email Address & Mobile Number	Area of Interest	Eligible Vacancy	Allotment	Vacancy Available
8.	Dr. J. E. Judith	judithjegan@gmail.com +(91)9443130175	Data Mining, Cloud Computing, Distributed Computing	06	06	Nil
9.	Dr. V. Mary Amala Bai	mamalas@gmail.com +(91)7502869501	Data Mining, Data Structures, Data Base Management Systems	06	05	01
10.	Dr. T. Brindha	brindhahere@yahoo.com +(91) 9677508835	Cloud Computing, Network Security, Wireless Network and Image Processing	06	06	Nil
11.	Dr. A. Anitha	anidathi@yahoo.co.in +(91) 9486473593	Wireless Networks, Image Processing, Network Security and Cloud Computing	06	06	Nil
12.	Dr. Beni G.	gsbeni2005@gmail.com +(91)9443858177	Networking, Image Processing, Cloud Computing, Sensor Networks	06	06	Nil
13.	Dr. Venifa Mini G.	venifamini@yahoo.co.in +(91)9442634526	Cloud Security Artificial Intelligence, Network Security, Wireless Sensor Networks	04	04	Nil
14.	Dr. Jeyasheela Y.	jeyasheela@niuniv.com +(91)9566424865	Data Mining, Data Structures, Networks, Cloud Security	04	02	02
15.	Dr. Ranjith V. G.	ranjith@niuniv.com +(91)9994272962	Digital Image Processing, Computer Vision, Machine Learning, Cloud Computing	04	01	03
16.	Dr. S. Beulah	beulah@niuniv.com +(91)9487712346	Cluster Computing, Security	06	04	02
17.	Dr. V. Allan Gowri Phivin	alalshaney@gmail.com +(91)9442130260	Image Processing	04	02	02
18.	Dr. Ninisha Nels S.	sninishanel01@gmail.com +(91)9489457153	Wireless Sensor and Communication Networks, Security	04	02	02

IV. Faculty of Computer Science
Department: Computer Science

Sl. No.	Name of the Supervisor	Email Address & Mobile Number	Area of Interest	Eligible Vacancy	Allotment	Vacancy Available
1.	Dr. J. Charles	nicechaarles@yahoo.co.in +(91)9443518604	Software Project Management, Software Risk Management, Software Engineering, Artificial Intelligence.	06	06	Nil
2.	Dr. S. Jerine	ssjerine@gmail.com +(91)9486007267	Wireless Sensor Networks, Network Security, Cryptography, Authentication	06	06	Nil
3.	Dr. J. P. Jayan	jevanjp@gmail.com +(91)9488081200	Digital Image Processing, Medical Image Processing, Big Data Analytics, Data Mining & Image Mining	06	05	01
4.	Dr. Samuel Blessed Nayagam P. V.	samuel@niuniv.com +(91)9443693861	Cloud Computing, Networks Security Software Engineering, Computer Networks	06	02	04
5.	Dr. R. H. Heaven Rose	heavenrose@niuniv.com +(91)9965406285	Image Processing	06	01	05

V. Faculty of Electrical & Electronics Engineering
Department: Electronics and Communication Engineering

Sl. No.	Name of the Supervisor	Email Address & Mobile Number	Area of Interest	Eligible Vacancy	Allotment	Vacancy Available
1.	Dr. N. Santhi	santhiram@yahoo.co.in +(91)9486085019	Image Processing, Pattern Recognition, Image Retrieval Soft Computing	06	04	02
2.	Dr. K S. Vijula Grace	vijulasundar@gmail.com +(91)9789328789	Embedded System, FPGA, VLSI, Communication	06	06	Nil

Sl. No.	Name of the Supervisor	Email Address & Mobile Number	Area of Interest	Eligible Vacancy	Allotment	Vacancy Available
3.	Dr. R. S. Vinod Kumar	rsvinodkumar69@yahoo.co.in +(91)9489823500	Digital Image Processing, Digital Communication	08	08	Nil
4.	Dr. M. Mary Synthuja Jain Preetha	johnsynthuja@gmail.com +(91) 9940877271	Image Processing, Communication, Networking	06	04	02
5.	Dr. S. Amala Shanthi	amalashanthi69@gmail.com +(91) 7598446730	Image Processing, Signal Processing, Antennas and Communication	06	04	2
6.	Dr. G. Arockiya Selva Saroja	aroseg@yahoo.com +(91)9443693268	Image Processing, Security, Communication , Networking,	06	03	03
7.	Dr. T. K. Sreeja	sreejaeng07@gmail.com +(91)9626833441	Nano antenna Design, Nano electronics, Communication Systems, Flexible Antenna Design	06	05	01
8.	Dr. Sowmy I.	sowmymni@yahoo.com +(91)9994703309	Wireless Communication, Image Processing	06	05	01
9.	Dr. Benita J.	beni.bless@gmail.com +(91)9944378884	Wireless Communication, Image Processing, Sensor Networks, Optimization	04	02	02
10.	Dr. Gopalakrishnan T.	gopalme@rediffmail.com +(91)943508904	Medical Image Processing, Digital Signal Processing, Deep Learning, Antenna	04	Nil	04
11.	Dr. Shahi D.	shahijulian@gmail.com +(91)8903776557	Image Processing, Digital Processing, Steganography, Deep Learning	04	Nil	04

Department: Electrical and Electronics Engineering

Sl. No.	Name of the Supervisor	Email Address & Mobile Number	Area of Interest	Eligible Vacancy	Allotment	Vacancy Available
1.	Dr. D. M. Mary	regisprabha@gmail.com +(91)9940877270	Power Electronics & Drives, Control	06	03	03

Sl. No.	Name of the Supervisor	Email Address & Mobile Number	Area of Interest	Eligible Vacancy	Allotment	Vacancy Available
	Synthia Regis Prabha		System, Power System			
2.	Dr. P. Sujatha Therese	psujathatherese@yahoo.in +(91)9443165780	Fuzzy Control, Control System, Process Control	08	05	03
3.	Dr. J. Arul Linsely	arullinsely@gmail.com +(91) 9994081081	Antenna Design, Wireless Communication and ECO Friendly Antennas	06	05	01
4.	Dr. S. Albert Jerome	albert_s@rediffmail.com +(91)9894214933	Medical Image Processing, Bio-Signal Processing, Biomedical Instrumentation, Renewable Energy.	06	03	03
5.	Dr. H. Vennila	vennilarajesh@yahoo.co.in +(91)9994273837	Power Systems Economic Dispatch, Power System Protection, Power Quality, Power System Analysis	06	04	02
6.	Dr. K. Muthuvel	er.muthuvel@gmail.com +(91)9444146936	Bio Medical Signal Processing, Image Processing, Power Electronics, Power System	04	02	02
7.	Dr. R. Rajesh	rajeshknky@gmail.com +(91)9944872621	Congestion Management in Deregulated Power System, Modern Optimization Techniques Applied to Power Systems, FACTS Modeling and application, Power System Control and Operation	04	01	03

Sl. No.	Name of the Supervisor	Email Address & Mobile Number	Area of Interest	Eligible Vacancy	Allotment	Vacancy Available
8.	Dr. Tibbie Pon Symon V. A.	tibbiesymon@gmail.com +(91)9894383003	Power Electronics, Control System, Power Systems, HRES	04	01	03
9.	Dr. S. Anitha Janet Mary	anitharuphus@gmail.com +(91)9524633365	Control System, Power Electronics, Power System, Renewable Energy Sources.	04	02	02

Department: Electronics and Instrumentation Engineering

Sl. No.	Name of the Supervisor	Email Address & Mobile Number	Area of Interest	Eligible Vacancy	Allotment	Vacancy Available
1.	Dr. S. S. Kumar	kumarss@live.com +(91)9789546665	Image Processing, Medical Imaging, Voice and Signal Processing, and Soft Computing	06	05	01
2.	Dr. V. Amsaveni	amsa.kumar@ymail.com +(91) 9790653295	Image Processing, Artificial Intelligence, Medical Imaging, Soft Computing	06	04	02
3.	Dr. D. Menaka	menakaberita@gmail.com +(91)9787002920	Image Processing, Soft Computing Techniques, Artificial Intelligence, Optimization.	06	04	02
4.	Dr. Sarath R.	sarath_souparnika@yahoo.com +(91)9443791259	Quantum Cryptography, Image Processing, Network Security, Analytical Instrumentation.	06	03	03
5.	Dr. Manju R.	manjuria.7@gmail.com +(91)9994104539	Biometrics, Soft Computing, Image Processing.	04	01	03
6.	Dr. Felix Stephen S.	felixstephensfs@gmail.com +(91)9486117668	Control System, Power Electronics, Power System, Instrumentation & Control	04	01	03

VI. Faculty of Management Studies
Department: Management Studies

Sl. No.	Name of the Supervisor	Email Address & Mobile Number	Area of Interest	Eligible Vacancy	Allotment	Vacancy Available
1.	Dr. K. A. Janardhanan	kajanardhanan@yahoo.com +(91)9443128025	Human Resource Management, Quality Management, Disaster Management	08	08	Nil
2.	Dr. D. Kinslin	dkinslin@gmail.com +(91)9442075559	Financial Management, Service Management, Human Resource Management, Marketing	08	08	Nil
3.	Dr. Jubi R.	jubir2005@gmail.com +(91)9447472428	Operations Management, Human Resource Management, Entrepreneurship, Marketing Management	08	04	04
4.	Dr. R. Radhika	rdhujaasourish@gmail.com +(91)9486941177	Human Resource Management, Marketing Management, Entrepreneurship Development	06	06	Nil
5.	Dr. V. P. Vel Murugan	vpvharini@gmail.com +(91)9443211048	Finance, Marketing, Human Resource Management, Law Relatives to Business	06	06	Nil
6.	Dr. Asha K.	itzmeashak@gmail.com +(91)9677774452	Marketing, Human Resource Management	04	04	Nil
7.	Dr. Lija P.	lijajohnmba@gmail.com +(91)9750350607	Marketing, Human Resource Management, Entrepreneurship Development, Health Care	04	04	Nil
8.	Dr. R. Kavitha Rani	Kavithar480@gmail.com +(91) 8300069008	Marketing, Human Resource	04	03	01

Sl. No.	Name of the Supervisor	Email Address & Mobile Number	Area of Interest	Eligible Vacancy	Allotment	Vacancy Available
			Management, Entrepreneurship Development, Operations Management			
9.	Dr. Deekshith D.	dichi28@gmail.com +(91)8148642903	Marketing Management, Human Resource Management, Organization Behavior, Sustainability and CSR	04	02	02
10.	Dr. S. Fenin Samuel	feninsml@gmail.com +(91)9486865382	Marketing Management, Human Resource Management, Operations, Logistics	04	02	02

VII. Faculty of Technology
Department: Nanotechnology

Sl. No.	Name of the Supervisor	Email Address & Mobile Number	Area of Interest	Eligible Vacancy	Allotment	Vacancy Available
1.	Dr. P. K. Praseetha	crkpkp@gmail.com +(91)9486855091	Nano Biotechnology, Biotechnology, Molecular Microbiology, Marine Bio Technology	08	04	04
2.	Dr. S. Balamurugan	scandium.chemistry@gmail.com +(91)9944387763	High Pressure Materials Chemistry, Characterization of Oxide based Nano Materials	08	01	07
3.	Dr. M. Murugan	muruganbt@gmail.com +(91)9865063605	Molecular Systematic, Metagenomics, Algal Biotechnology, and Bioinformatics	08	05	03
4.	Dr. R. S. Rimal Isaac	rimalisaac@gmail.com +(91)9443314203	Biotechnology, Sensors, Nano Materials, Phyto Chemistry	06	06	Nil

VIII. Faculty of Civil Engineering.
Department: Civil Engineering

Sl. No.	Name of the Supervisor	Email Address & Mobile Number	Area of Interest	Eligible Vacancy	Allotment	Vacancy Available
1.	Dr. R. Roselin	roselinkalist12@gmail.com +(91)8903706756	Rehabilitation of Structures, Concrete, Hydrodynamics, Earthquake resistance Structural	04	04	Nil
2.	Dr. V. Thanka Jebarsan	jebarsan707@gmail.com +(91)9787303104	Structural Health Monitoring, Road Safety and Accidental Analysis, Construction Safety and Risk Management, Earthquake Resistance Design and Retrofitting	04	04	Nil

IX. Faculty of Allied Health and Sciences
Department: Human Genetic and Molecular Biology

Sl. No.	Name of the Supervisor	Email Address & Mobile Number	Area of Interest	Eligible Vacancy	Allotment	Vacancy Available
1.	Dr. Aneesh Nair	aneesh@niuniv.com +(91)7338861019	Genomics	06	06	Nil
2.	Dr. Hima L.	hima28918@gmail.com +(91)9656677933	Neuro Immunology, Psycho Neuro Immunology, Life Style Medicine, Neuro Degenerative Diseases	04	02	02

5. Research Facilities Available :2024-25

Central Computing - A computer centre is maintained by the University with almost all facilities. The Centre is kept open from 09.00 a.m. to 5.00 p.m. The Centre also provides training to the University personnel. Internal assessment of the University, examination processing and accounting procedures has been computerized.

Central Library - The University library is well equipped with reference books, but reduced budget allocations and prohibitive costs of specialty journals have made it necessary to limit subscriptions to journals. This difficulty is partly compensated by the availability of browsing and internet facilities. The University has a modern Central Library with more than one and half lakhs of documents consisting of Technical books, reports, standards, CD-ROMS, Audio Visual Educational Cassettes and back volumes of journals.

Digital Knowledge Centre has been established with 30 Computer systems with internet connection. Wi-Fi facility has been provided for laptop users. CCTV Web cameras have been fixed in the Central Library and the entire building is under camera surveillance. RFID Technology of Document Identification and Library Security System have been implemented for the library functions and services.

Central Workshop - The Central Workshop is a common facility which provides fabrication services for projects and prototype fabrication to all the students and faculty members of the University. It has three main sections. These are the fitting and carpentry section, the machine shop, and the welding and foundry section. These workshops have machinery needed for basic fabrication requirements. Apart from this some of following:

Material Properties, Characterization and Manufacturing Research Facilities

Sl. No.	Name of the Instrument, Model & Manufacture
1.	CNC Machine
2.	Universal Testing Machine
3.	Micro Hardness Tester and Wear Testing Machine
4.	Hydraulic Press
5.	3D Printed Technology
6.	Computational Fluid Dynamics Research Facilities
7.	Electronic Balance
8.	pH Meter
9.	Muffle Furnace
10.	Constant Temperature Bath
11.	Distilled Water Plant
12.	Hot Plates
13.	Magnetic Stirrers
14.	Electrochemical Analyzer CHI 604 D
15.	UV-Visible Spectrophotometer Systronics
16.	FT IR Affinity-1 Shimadzu
17.	Gel Documentation System Genei Merck
18.	Rotovap Superfit
19.	Incubator Technico
20.	Deep Freezer Blue Star

Process Control, Payload and Simulation Research Facilities

Sl. No.	Name of the Instrument, Model & Manufacture
1.	Distributed Control System (DCS) and Programmable Logic Controllers (PLC) & SCADA
2.	Electronics and Communication and Payload Lab
3.	Lab is Equipped with the Following Software and Tools for Research • MATLAB • WEKA • NS2 • Cloudsim

Nano Characterization Instruments

Sl. No.	Name of the Instrument, Model & Manufacture
1.	Atomic Force Microscope, XE-70, Park System, Korea
2.	Electro Chemical Work Station, CHI Instruments 604 D, USA
3.	Particle Size Analyser, CPS Instruments DC 12000, USA
4.	FTIR, Bruker, Alpha T, Germany
5.	TG/DTA, SIINT 6300, Japan
6.	Ball Mill, PM 100, Germany
7.	Elga Ultra-Pure Water, Pure lab Q7, UK
8.	UV-Vis Spectrophotometer, Systronics, 2202, India
9.	Surface Area Analyzer, Smart Instruments SS-9, India
10.	BH Curve Tracer, BHCT-CRO, India
11.	UPS for AFM, MU 300, Matrix India

Nano Synthesis Instruments

Sl. No.	Name of the Instrument, Model & Manufacture
1.	Digital Electronic Balance, D432813364, Japan.
2.	Electric Water Bath Double Walled, NLWB 6, New Lab Equipment, India.
3.	Hot Air Oven, Type: AVSO4A, Eltek Equipment Private Ltd, Mumbai.
4.	Heating Mantel, 2486, Guna Enterprises, India.
5.	Mechanical Stirrer Remi Make, FOL 1756, Rajendra Electrical Instruments Limited, India.
6.	Magnetic Stirrer, Rajendra Electrical Industry Limited, India. (2Nos)
7.	Vacuum Pump, Ambika Enterprises, India.
8.	UV Lamp with Fitting Long Ware, United Scientific
9.	Double Distilled Water Plant, United Scientific
10.	Hair Drier, Salon Compact 1000w, Philips.
11.	Vacuum Oven, Technico.
12.	Muffle Furnace, United Scientific

13.	Spin Coater, Spectrospin Instrument Inc. India.
14.	Magnetic Stirrer, Remi Electro technic Limited, Vasai-India.
15.	Centrifuge Model (R-8C), Remi, Electro Technic Limited, India.
16.	Ultrasonic Cleaner, United Scientific
17.	Gun For Liq Spray, Type59, pilot spray gun, Manic Machinery Manufactures Private Ltimited, Mumbai.
18.	Air Compressor, Indian Make Gajendra.
19.	Ultrasonic Prope Sonicater, PS-3182

Nano Applications & Research Instruments

Sl. No.	Name of the Instrument, Model & Manufacture
1.	Autoclave, Sujha Surgical
2.	Laminar Flow Combiner, B8C Industries, India.
3.	Peristaltic Pump, Mumbai, India.
4.	Heating Mantel, Rotex Instruments, B&C Industries, India.(2Nos)
5.	Incubator, Rotek, India.
6.	Magnetic Stirrer,Guna Enterprises, India
7.	Hot Plat Ceramic Top, Tarson.
8.	pH meter, Pen Type, Sujha Surgical
9.	Orbital Shaking Incubator,LAB Line Industries, Cochin India.

Advanced Nano Material Research Instruments

Sl. No.	Available Major/Minor Equipment's/Apparatus
1.	Fluorescence Spectrophotometer (SL174, ELICO)
2.	NIR Spectrophotometer (SL153, ELICO)
3.	Planetary High Energy Ball Mill
4.	High-Temperature Tubular Furnace (1600°C)
5.	Groove Rolled Box Furnace (1000°C)
6.	Muffle Furnace (900°C)
7.	Glove Box
8.	Electronic Balance (Shimadzu, Japan)
9.	Electronic Balance (Anamed, India)
10.	Hot Air Oven
11.	Hydraulic Press
12.	Air Compressor
13.	Vacuum Pump
14.	Heating Mantles
15.	Ultra Sonicator
16.	Mechanical Stirrers
17.	Water Bath
18.	Laboratory Centrifuge REMI - 8C (5400 rpm)
19.	Bench Top Centrifuge Model R- 24 REMI (17300 rpm)
20.	Autoclaves (for Hydrothermal Synthesis)

21.	Water Distillation Plant
22.	pH Meter
23.	Microwave Oven
24.	IR Lamp
25.	UV Lamp
26.	Oxygen Cylinder with Regulator
27.	Nitrogen Cylinder with Regulator
28.	Argon Cylinder with Regulator

6. List of Ph.Ds.Awarded:

Convocation XII (27.12.2024)								
Sl. No.	Name	Reg. No	Year of Reg.	Department	Title	Date of Viva	Supervisor	Date of Joining
1	Ashok R	11159 17201	July 2015	Mechanical	Comparative Study of Logistics Market In India and UAE and Development of frame Work for the Selection of 3PL Service Providers	14.11.2023	Dr. Rajesh R.	05.08.2015
2	Ajni K Ajai	11199 08101	July 2019	CSE	Beat Cancer Earlier by Interrogating Medical and Non-Medical Datasets Using Artificial Intelligence	27.11.2023	Dr. A. Anitha	10.10.2019
3	Bindu M. V	21199 17204	January 2019	Mechanical	Experimental Investigation on thermal Conductivity and Viscosity of Al ₂ O ₃ -ZnO-MWCNT Based Ternary Nanofluid	01.12.2023	Dr. G. M. Joselin Herbert	23.01.2019
4	Vijila B	11189 05101	July 2018	Chemistry	Removal Efficiency of Fluoride Content in Water Using	05.12.2023	Dr. J. Joseph	11.07.2018

Convocation XII (27.12.2024)

Sl. No.	Name	Reg. No	Year of Reg.	Department	Title	Date of Viva	Supervisor	Date of Joining
					Agrowaste Adsorbents			
5	Gayathri Chandrac hoodan	11189 14204	July 2018	MS	Hybrid Approach for E – Governance Project Management Framework in Kerala	08.12. 2023	Dr. R. Radhika	06.07.2018
6	Sajid Ahmed M. A	11159 14205	July 2015	MS	An Exploratory Study on Business Process Management in Power Distribution Organizations	20.12. 2023	Dr. D. Kinslin	30.07.2015
7	Rajkumar K.	11179 08218	July 2017	CSE	The Design of An Efficient Meta Heuristic Optimization Approaches for Task Scheduling and Resource Allocation in Cloud Computing Environment	21.12. 2023	Dr. T. Brindha	09.08.2017
8	Jency W. G	11189 08203	July 2018	CSE	An Efficient Data Mining Algorithm for Wind Power Forecasting	12.01. 2024	Dr. J. E. Judith	10.07.2018
9	Sangeetha J.	21199 07203	January 2019	CAs	A Novel Approach for Sentiment and Feedback Analysis Using Big Data Mining	09.02. 2024	Dr. U. Kumaran	25.01.2019

Convocation XII (27.12.2024)

Sl. No.	Name	Reg. No	Year of Reg.	Department	Title	Date of Viva	Supervisor	Date of Joining
					with Respect to Online Shopping Sites			
10	Abisha M. R.	11199 06101	July 2019	Civil	Soil Stabilization Using Different Nano Structured Materials	16.02. 2024	Dr. J. Prakash Arul Jose	10.10.2019
11	Swapna Raveendran	11169 16202	July 2018	Mathematics	Labeling Techniques in Graphs	29.02. 2024	Dr. T. M. Selvarajan	20.08.2016
12	Prasanth P. V.	11199 17202	July 2019	Mechanical	Investigations of Nanoclay Incorporated Hybrid Honeycomb Sandwich Panels	15.03. 2024	Dr. M. Edwin Sahayaraj	11.10.2019
13	Vivekha S.	11189 12103	July 2018	English	Virtual Learning in English Classroom: Factors Influencing Language Acquisition Skill Among the under Graduate Students An Experimental Study.	22.03. 2024	Dr. M. Rakesh Babu	09.07.2018
14	Alamelu G.	11189 12202	July 2018	English	Enhancing Speaking Skills of Multilevel Engineering Students through Spaced Repetition System	23.03. 2024	Dr. M. Ilankumaran	10.07.2018

Convocation XII (27.12.2024)								
Sl. No.	Name	Reg. No	Year of Reg.	Department	Title	Date of Viva	Supervisor	Date of Joining
15	Dharsana M.	11199 06102	July 2019	Civil	Bioadsorption of Lead from Contaminated Water	26.03. 2024	Dr. J. Prakash Arul Jose	11.10.20219
16	Thavasumony D.	11159 06207	July 2015	Civil	Performance Analysis of Self Compacting Geo Polymer Concrete	01.04. 2024	Dr. N. Nalanth	07.08.2015
17	Vinod C	11199 10219	July 2019	ECE	A Quantitative Analysis and Detection of Lung Nodules in Multimodality Images Using Soft Computing Techniques	01.04. 2024	Dr. D. Menaka	11.10.2019
18	Ajina Mohamed Ameer	11179 30201	July 2017	CS	Security Solutions to Remote Electrocardiogram Monitoring for the Early Detection and Classification of Arrhythmia using Cloud	15.04. 2024	Dr. M. Victor Jose	09.08.2017
19	Amel Austine	11179 08202	July 2017	CSE	Optimized Resource Allocation and Resource Exchange for D2D Communication in Cellular Networks	27.04. 2024	Dr. R. Suji Pramila	05.08.2017
20	Edwin Ponraj T	11179 07201	July 2017	CAs	Adverse Reaction Prediction and Severity Prediction Using Data Science Models from	29.04. 2024	Dr. J. Charles	07.08.2017

Convocation XII (27.12.2024)

Sl. No.	Name	Reg. No	Year of Reg.	Department	Title	Date of Viva	Supervisor	Date of Joining
					Health Care Datasets			
21	Shiji S K	11159 10215	July 2015	ECE	Identification of Surgically Altered Facial Images Using Machine Learning Algorithms	02.05. 2024	Dr. S. H. Krishnaveni	17.08.2015
22	Edwin Singh C	21199 08202	January 2019	CSE	Optimized Intrusion Detection in Mobile Ad hoc Networks Using Machine Learning	06.05. 2024	Dr. S. Maria Celestin Vigila	25.01.2019
23	Renji Mohan	11179 14211	July 2017	MS	Consumer Buying Behaviour Towards LED Lights in Kerala	08.05. 2024	Dr. D. Kinslin	08.08.2017
24	Anil Kumar K. R.	11189 17201	July 2018	Mechanical	Investigations on Performance Measures of Random Search Algorithms in Scheduling	09.05. 2024	Dr. J. Edwin Raja Dhas	09.07.2018
25	Puthen Veetil George John	11179 03201	July 2017	Automobile	Effect of Microwave Heat Treatment on Corrosion Resistance of Electroless Ni-P-TiO ₂ Composite Deposits	10.05. 2024	Dr. M. Edwin Sahayaraj	09.08.2017
26	Chitra B	11199 10203	July 2019	ECE	Suspicious Lesion Segmentation and Classification	11.05. 2024	Dr. S. S. Kumar	11.10.2019

Convocation XII (27.12.2024)

Sl. No.	Name	Reg. No	Year of Reg.	Department	Title	Date of Viva	Supervisor	Date of Joining
					of Cervical Pap Smear Images for Cervical Cancer Diagnosis			
27	Krishna Priya C.B	01149 08206	July 2014	CSE	Identification and Prediction of High Yield Agricultural Zones - A Cluster Based Approach and A Comparative Study	11.05.2024	Dr. S. Venkateswari	11.08.2014
28	Dinesh R	11189 03201	July 2018	Automobile	Investigation on the Performance Characteristic of Hydrogen and Diesel Blended with Chicken Waste Oil, Al ₂ O ₃ and Graphite Oxide	13.05.2024	Dr. B. Stanly Jones Retnam	10.08.2018
29	Salinda Eveline Suniram A.	11189 30101	July 2018	CS	Analysis of Cost Estimation in Web Development	17.05.2024	Dr. J. Charles	10.08.2018
30	Smitha H.	11189 20203	July 2018	Physics	Elucidation of Biomarkers for the Differential Diagnosis of Brain Lesions through Magnetic Resonance Spectroscopy by Characterization of Orthogonal Planes	22.05.2024	Dr. V. N. Meena Devi	09.07.2018

Convocation XII (27.12.2024)								
Sl. No.	Name	Reg. No	Year of Reg.	Department	Title	Date of Viva	Supervisor	Date of Joining
31	Sreeja C. K	11189 20204	July 2018	Physics	Biophysical Measurement of Arterial Stiffness and Body Composition Analysis as Risk Factors in Lumbar Disc Degenerative Diseases	22.05. 2024	Dr. V. N. Meena Devi	09.07.2018
32	Anu Kuttan A.	11199 01201	July 2019	Aero	Investigation of Process Parameters in Abrasive Water Jet Machining for Aluminum Composite Materials in Aerospace Applications	30.05. 2024	Dr. Rajesh R.	12.10.2019
33	Anju A. J	11189 08104	July 2018	CSE	An Efficient Classification Algorithm for Software Defect Prediction	31.05. 2024	Dr. J. E. Judith	30.08.2018
34	Sheeja Rani S.	01139 08213	July 2013	CSE	Improving Energy Efficiency Based on Clustering Algorithm for Wireless Sensor Network	04.06. 2024	Dr. K. Siva Sankar	12.08.2013
35	Pradeepa P	11189 07206	July 2018	CAs	An Optimised Deep Learning Approach For The Prediction of Chronic Kidney Disease	14.06. 2024	Dr. M. K. Jeya Kumar	11.07.2018
36	Bharathi	11189	July	MS	Perception of	28.06.	Dr. M.	09.07.2018

Convocation XII (27.12.2024)								
Sl. No.	Name	Reg. No	Year of Reg.	Department	Title	Date of Viva	Supervisor	Date of Joining
	Veena V	14201	2018		Employees and Customers Towards Electronic Monitoring System in Banks of Kerala	2024	Janardhanan Pillai	
37	Subitha M.	11179 20102	July 2017	Physics	Preparation, Characterization and Properties of Molybdenum Disulfide Nano Flakes - Polymer Composites For Blood Bag Applications	28.06.2024	Dr. B. Bindhu	09.08.2017
38	Ahalya T	11189 12209	July 2018	English	The Social Inequalities of Gender and Culture in the Select Novels of Bhabani Bhattacharya	01.07.2024	Dr. V. S. Bindhu	11.07.2018
39	Renil Mon P S	11189 20202	July 2018	Physics	Evaluation of Uncertainty in Small Radiation Field Dosimetry Using Monte Carlo Technique	08.07.2024	Dr. V. N. Meena Devi	10.07.2018
40	Michael Ahitha Jose J	11199 05202	July 2019	Chemistry	Effective Removal of Lead ion using Adsorbent derived from Agrowaste Materials	08.07.2024	Dr. J. Joseph	14.10.2019
41	Lijesh L	11199 10210	July 2019	ECE	Development and Optimization	18.07.2024	Dr. G. Arockia Selva	15.10.2019

Convocation XII (27.12.2024)

Sl. No.	Name	Reg. No	Year of Reg.	Department	Title	Date of Viva	Supervisor	Date of Joining
					of Novel Algorithms for Landslide Identification		Saroja	
42	Chitra Soman	11189 12204	July 2018	English	African American Motherhood: A Re-Reading of the Select Novels of Toni Morrison, Terry Mcmillan, and Lalita Tademy	25.07. 2024	Dr. R. Jinu	11.07.2018
43	Devika Sarath	11179 10204	July 2017	ECE	Underwater Image Enhancement Using Image Fusion with Transfer Learning and Bio-Inspired Optimization Algorithms	27.07. 2024	Dr. M. Sucharitha	07.08.2017
44	S. Muthulakshmi	11199 08210	July 2019	CSE	Securing IoT Integrated Smart Grid Entities and Data with Blockchain Framework	09.08. 2024	Dr. R. Chitra	11.10.2019
45	Neenu Daniel	11179 08213	July 2017	CSE	Hybrid Approach to Detect Face Spoofing Based on Texture, Quality and Spatial Features	14.08. 2024	Dr. A. Anitha	05.08.2017
46	Azim Nazim	11189 10202	July 2018	ECE	A Novel Optimized Hybrid Classifier with Enhanced	14.08. 2024	Dr. R. Sarath	11.07.2018

Convocation XII (27.12.2024)

Sl. No.	Name	Reg. No	Year of Reg.	Department	Title	Date of Viva	Supervisor	Date of Joining
					Feature Extraction Techniques for Bearing Fault Diagnosis			
47	Deepak V K	11189 10203	July 2018	ECE	Development of Optimized Deep Learning Models for the Effective Detection of Multiclass Brain Cancers	19.08. 2024	Dr. R. Sarath	11.10.2018
48	Dinu A.J	11159 10207	July 2015	ECE	Early Prediction of Alzheimer's Disease Using Combined Feature Extraction and K-NN Approach	23.08. 2024	Dr. R. Manju	05.08.2015
49	Arthi D.	11199 05201	July 2019	Chemistry	Studies on the Physico-chemical Parameters for the Removal of Cadmium in impure Water Using Different Adsorbents.	31.08. 2024	Dr. J. Joseph	14.10.2019
50	Sivathanu N	11189 14209	July 2018	MS	Impact of Training Methods on Intra-Generational Differences	30.08. 2024	Dr. R. Radhika	11.07.2018
51	Adel Abdullah Salem Basuliman	11169 14201	July 2016	MS	Corporate Social Responsibility Practices of Telecom Sector in Saudi Arabia	04.09. 2024	Dr. D. Kinslin	26.08.2016
52	Bhagyashri Devi	11179 10202	July 2017	ECE	Facial Expression	06.09. 2024	Dr. M. Mary	02.08.2017

Convocation XII (27.12.2024)

Sl. No.	Name	Reg. No	Year of Reg.	Department	Title	Date of Viva	Supervisor	Date of Joining
					Recognition Using Hybrid of Local and Global Features with Different Classifiers		Synthuja Jain Preetha	
53	Eveline Pregitha R.	11189 10204	July 2018	ECE	Automated Screening of Down Syndrome of Singleton Pregnancies Using First Trimester Ultrasound Fetal Images	11.09.2024	Dr. R. S. Vinod Kumar	07.07.2018
54	Rajalekshmi P	11199 06202	July 2019	Civil	Performance of Lightweight Aggregate Based Geopolymer Concrete in Reinforced Cement Concrete Flexural Members	17.09.2024	Dr. J. Prakash Arul Jose	09.10.2019
55	Shanu N	11189 10209	July 2018	ECE	Enhancing Hemorrhage Classification in CT Images through Integration of Machine Learning and Deep Learning Methods	21.09.2024	Dr. R. S. Ganesh	07.07.2018
56	Ahila T	11199 07101	July 2019	CAs	Detection of Communicable Diseases with Multimodal Medical Image Analysis	27.09.2024	Dr. A. C. Subhajini	14.10.2019

Convocation XII (27.12.2024)

Sl. No.	Name	Reg. No	Year of Reg.	Department	Title	Date of Viva	Supervisor	Date of Joining
					Using Deep Learning Approaches			
57	Ilerin Babu	1118908202	July 2018	CSE	A Competent Algorithm of a Machine Learning Model for Predicting Engineering Students Academic Performance	30.09.2024	Dr. R. Mathusoot hana S. Kumar	17.07.2018
58	Sukanya S T	2119907205	January 2019	CAs	Role of Optimized Deep Learning Algorithms in Skin Lesion for Melanoma Detection	30.09.2024	Dr. S. Jerine	25.01.2019
59	Abirami Sivaprasad	1117913201	July 2017	IT	Machine Learning Based Proactive Network Forensic Investigation Framework	01.10.2024	Dr. S. Palanikumar	09.08.2017
60	Laxmi Suresh Babu	1119914205	Jul-19	MS	Impact of Emotional Intelligence on Job Engagement of Dental Faculty Members in Kerala	10.10.2024	Dr. M. Janarthanan Pillai	14.10.2019
61	Lekshmy Raghavan P	1116906206	Jul-16	Civil	Mix Proportion Optimisation of Concrete Using Recycled C&D Waste and Its	14.10.2024	Dr. N. Nalanth	18.08.2016

Convocation XII (27.12.2024)

Sl. No.	Name	Reg. No	Year of Reg.	Department	Title	Date of Viva	Supervisor	Date of Joining
					Application in Self Compacting Concrete			
62	Preeda P	11189 20201	Jul-18	Physics	Growth and Characterization Studies of Selected Organic and Semiorganic Crystals for NLO Applications	15.10. 2024	Dr. R. Ganapathi Raman	09.07.2018
63	Vel Murugan. G	11199 20202	Jul-19	Physics	Investigation of Transition Metal Oxide, Nanomaterials for Energy Storage and Photocatalytic Applications	15.10. 2024	Dr. R. Ganapathi Raman	12.10.2019
64	Nisha. B	11179 07203	Jul-17	CAS	Automatic Brain Tumor Detection and Growth Measurement Using Fuzzy and Neural Network	18.10. 2024	Dr. M. Victor Jose	08.08.2017
65	Ann Romalt A	11189 08201	Jul-18	CSE	Probabilistic Classification of Cardiovascular Disease Prediction - A Machine Learning Approach	23.10. 2024	Dr. R. Mathusoothana S. Kumar	07.07.2018
66	Abhilash S. Vasu	21199 10201	Jan-19	ECE	Design of Flexible Antenna and Parameter Enhancement Using Nanocomposite Materials	24.10. 2024	Dr. T. K. Sreeja	01.01.2019

Convocation XII (27.12.2024)

Sl. No.	Name	Reg. No	Year of Reg.	Department	Title	Date of Viva	Supervisor	Date of Joining
67	Rejani G. S.	11169 05202	July 2016	Chemistry	Impacts of Urbanization on the Quality and Quantity of Groundwater Resources in Kollam Corporation, Kerala	05.11.2024	Dr. J. Joseph	20.08.2016
68	Vinod P R	11179 08226	July 2017	CSE	Biometric Authentication Mechanism to Enhance the Security for Smartphones	15.11.2024	Dr. A. Anitha	09.08.2017
69	Lathika P.	11199 16201	July 2019	Mathematics	Stochastic Modelling for Rainfall Prediction	15.11.2024	Dr. Sheeba Singh	09.10.2019
70	Bushara A. R.	11209 10203	July 2020	ECE	Detection of Lung Cancer from CT Images Using Evolutionary Swiftcaps Networks	20.11.2024	Dr. R. S. Vinod Kumar	23.01.2021
71	Anil J	11159 09201	July 2015	EEE	A Novel Approach to Expression Independent Face Recognition Problem	22.11.2024	Dr. L. Padma Suresh	05.08.2015
72	Joel Dickson A	21199 10203	January 2019	ECE	Enhancing Liver and Tumor Segmentation Using Metaheuristic Algorithms and Deep Learning for Improved Diagnosis	22.11.2024	Dr. J. Arul Linsely	25.01.2019

Convocation XII (27.12.2024)

Sl. No.	Name	Reg. No	Year of Reg.	Department	Title	Date of Viva	Supervisor	Date of Joining
					and Treatment Planning			
73	Karthik Kumar Vaigandla	11199 10208	July 2019	ECE	Qualitative Analysis for FBMC Based Modulation Schemes in Advanced Communication Systems	25.11.2024	Dr. J. Benita	10.10.2019
74	Juliet A Murali	11179 08207	July 2017	CSE	Multi-Objective Nature Inspired Meta Heuristic Optimization Paradigm in Data Centers of Cloud Environment	25.11.2024	Dr. T. Brindha	05.08.2017
75	Shelly Shiju George	11189 08204	July 2018	CSE	Resource Allocation Model with Load Balancing for Satisfying the Demand of Users and Providers in Cloud Computing	30.11.2024	Dr. R. suji Pramila R.	10.07.2018
76	Nandakumar N.	11199 09202	July 2019	EEE	Implementation and Optimisation of Inertia and Frequency Control Strategies for Grid Connected Solar Photovoltaic Systems	06.12.2024	Dr. Tibbie Pon Symon V. A.	10.10.2019
77	Lakshmi N. R.	11199 10209	July 2019	ECE	Flexible Millimeter	06.12.2024	Dr. T. K. Sreeja	12.10.2019

Convocation XII (27.12.2024)								
Sl. No.	Name	Reg. No	Year of Reg.	Department	Title	Date of Viva	Supervisor	Date of Joining
					Wave Slot Antenna Using Nano Composite Materials			
78	Berlin Push P.	21199 17102	January 2019	Mechanical	Experimental Investigations on Mechanical Properties of AI2024 Doped with Green Synthesized Quantum Dots	10.12.2024	Dr. B. Bavanish	11.02.2019
79	Rajeshkumar G	11179 09207	July 2017	EEE	Optimal Reduction of Switching Loss in 3-Phase VSI Using Adaptive and Hybrid Optimization Algorithms	16.12.2024	Dr. P. Sujatha Therese	04.08.2017
80	Jenner Z	11199 09201	July 2019	EEE	Interfacing of Distributed Energy Generation to the Grid Using Inverter with Shunt Active Power Filter	19.12.2024	Dr. Tibbie Pon Symon V. A.	14.10.2019
81	Sarath S Nair	21199 20201	January 2019	Physics	Evaluation Design and Development of an Immobilisation System for Carcinoma Breast Radiotherapy	20.12.2024	Dr. V. N. Meena Devi	24.01.2019
82	Sowmiya S	11199 10216	July 2019	ECE	Investigation of Human Activity	20.12.2024	Dr. D. Menaka	12.10.2019

Convocation XII (27.12.2024)								
Sl. No.	Name	Reg. No	Year of Reg.	Department	Title	Date of Viva	Supervisor	Date of Joining
					Recognition Using Deep Learning Approaches for IoT Wearables			
83	Shalini V	11159 07202	July 2015	CAs	Segmentation of Leukemic Cells in Human Blood	20.12.2024	Dr. Angel Viji K.S	10.08.2015
84	Sheena K. P.	11199 16202	July 2019	Mathematics	A Study on Fuzzy Algebraic Structures	21.12.2024	Dr. K. Uma Devi	14.10.2019
85	Naveena T.	11209 30103	July 2020	CS	Prediction of Human Skin Cancer Using Deep Learning Techniques	21.12.2024	Dr. S. Jerine	21.01.2021

7. Activities of the R & D

Sl. No.	Particulars	Date / No.
1.	Workshops	11
2.	Seminar / Conferences, etc	-
3.	No of Doctoral Committee Conducted	800

8. Details of the Fellowships Obtained :

Sl. No.	Name of the Scholar	Specify the Grants viz JRF/SRF/PDF/RA/ Others (Please Specify)	Awarding Agency	Year of Award	Period of Award (in Years)
1.	Ms.R R KrishanJyothi	SRF	DST	2019	5 Years
2.	Ms. J. Jeslin	JRF	TNSCST	2019	1.5 Years
3.	Ms. Shamsiya Shams	JRF	DST	2021	5 Years
4.	Ms.A. Krishnendu	JRF	DST	2022	5 Years
5.	Ms. Roopa R Kumar	JRF	UGC	2022	5 Years

Sl. No.	Name of the Scholar	Specify the Grants viz JRF/SRF/PDF/RA/ Others (Please Specify)	Awarding Agency	Year of Award	Period of Award (in Years)
6.	Ms. Ashika	JRF	DST	2023	5 Years

9. Details of the Stipend Provided:

Sl. No.	Name of the Research Scholars	Department	Sponsor	Amount of Fellowship
1.	Lins Joy Y.	CAs	NICHE	Rs. 6,000/-
2.	Adlin Femi D. K.	Mathematics	NICHE	Rs. 6,000/-
3.	Adlin Jaya J.	Mathematics	NICHE	Rs. 6,000/-
4.	Charishma R.	Mathematics	NICHE	Rs. 6,000/-
5.	Sahaya Ezhil Jothi J.	Mathematics	NICHE	Rs. 6,000/-
6.	Jeyani Shalu S.	Nano Technology	NICHE	Rs. 6,000/-
7.	Ashvanth Louison A.	Information Technology	NICHE	Rs. 8,000/-
8.	Jeferin L.	Mathematics	NICHE	Rs. 6,000/-
9.	Maria Pushpa Jenifer	Mathematics	NICHE	Rs. 6,000/-
10.	Jebanisha B.	Physics	NICHE	Rs. 8000/-
11.	Anupama Thankam T	CSE	NICHE	Rs. 8000/-
12.	Shajeeva D J	CSE	NICHE	Rs. 8000/-
13.	Gopika V S	CS	NICHE	Rs. 6,000/-
14.	Shilpa G M	CS	NICHE	Rs. 6,000/-
15.	Jasnoe Daniel E	Civil Engineering	NICHE	Rs. 8000/-
16.	Shravya S R	English	NICHE	Rs. 6,000/-
17.	Gangaraj S	Management Studies	NICHE	Rs. 6,000/-
18.	Shakitha K	Physics	NICHE	Rs. 6,000/-
19.	Varsha V B	Physics	NICHE	Rs. 6,000/-

10. Details of Ph.D. Admissions (July 2024 Batch)

SL No.	Name of the Department	Number of Applications Received	Number of Candidates Attended in Entrance Exam	Number of Candidates Passed in Entrance Exam	Number of Candidates Attended for Interview	Selected Candidates	Registered Candidates
1.	Aeronautical Engineering	34	01	01	01	01	01
2.	Automobile Engineering	01	00	00	00	00	00
3.	Biomedical Engineering	01	01	00	00	00	00
4.	CAs	17	11	09	09	09	04
5.	Chemistry	06	03	04	02	01	01
6.	Civil Engineering	23	14	12	10	10	04

SL No.	Name of the Department	Number of Applications Received	Number of Candidates Attended in Entrance Exam	Number of Candidates Passed in Entrance Exam	Number of Candidates Attended for Interview	Selected Candidates	Registered Candidates
7.	CS	17	09	07	05	05	03
8.	CSE	35	12	08	06	06	06
9.	ECE	11	07	06	06	06	05
10.	EEE	14	10	06	05	05	04
11.	EIE	05	01	01	01	01	00
12.	English	65	29	17	12	09	09
13.	Human Genetics and Molecular Biology	12	06	05	05	05	04
14.	IT	05	02	02	01	01	01
15.	Mathematics	11	06	03	02	02	01
16.	Mechanical Engineering	13	07	06	03	03	02
17.	MS	64	36	22	12	11	10
18.	Nano Technology	05	04	01	01	01	01
19.	Physics	29	09	06	03	03	03
Total		368	168	116	84	79	59

Ph.D. Scholars Admitted Details During 2024-25

Sl.No.	Category	Male	Female	Engineering	Non Engineering	MS
1.	FT	02	12	03	10	01
2.	PT	17	28	20	16	09
3.	Total	19	40	23	26	10

11.Details of NET/SET/CSIR/ Qualified Students

Sl. No.	Name of the NET-JRF qualified Ph.D. Scholar	Subject/ Discipline	Qualified in the Year	Scholarship Details
1.	Ms. Anitha A. O.	English	1997	-NA-
2.	Ms. Simna S Stephen	English	2010	

Sl. No.	Name of the NET-JRF qualified Ph.D. Scholar	Subject/ Discipline	Qualified in the Year	Scholarship Details
3.	Ms. Asha Devi R V	English	2012	
4.	Ms. Reju Rafik	English	2014	
5.	Ms. Nowfiya Nazeer P. N.	English	2016	

12. Details of the Patents:

(a) Granted

Sl. No.	Name of Inventors	Domain Area	Title	Application No./Granted Patent No.	Granted Year
1.	Dr. R. Rajesh Dept of Mechanical Engineering	Mechanical	AI Based 3D Printing Device	406761-001	2024
2.	Dr. R.C.Mehta Professor	Aeronautical	Image Processing Algorithm Forfringe Analysis In Photoelasticity	530946	2024
3.	Dr. A. Shajin Nargunam Pro Vice Chancellor (Academic)	CSE	Cloud Based Hybrid Processor Pool Architecture for Sustaining Green Computing	531256	2024
4.	Dr. Nininsa, Mr. Hari Kumar	AME	AI based crop health monitoring device	413467-001	2024
5.	Dr. H. Vennila	EEE	IoT Based Cellular Network Repeater	415883-001	2024
6.	Dr. G. Venifa Mini Dr. J. E. Judith Dr. G. Beni Dr. Jothy	CSE	An IoT Based Solar Power Agricultural Robot	412904-001	2024
7.	ALLWIN D SURESH JEYA SINGH C	Civil	Electric Hydrogen Fuel Cell Hybrid Bus	416932-001	2024
8.	Allwin D, K.A. Janaradhanan, G. Ramadoss	Civil	Low noise block downconverter to enhance the satellite signal quality	409591-001	2024
9.	Allwin D	Civil	Solar Powered Hydrofoil Unmanned Patrol Vessel	416931-001	2024
10.	Allwin D	Civil	Geopolymer Concrete Interlocking Brick	416494-001	2024
11.	Allwin D	Civil	Two Way Street Light System Designed for Smart City	429491-001	2024
12.	Allwin D	Civil	Self Propelled Triskate Equipped With Hub Motors	433096-001	2024

Sl. No.	Name of Inventors	Domain Area	Title	Application No./Granted Patent No.	Granted Year
13.	Allwin D	Civil	Modular Drone For Agriculture	415512-001	2024
14.	Allwin D	Civil	Smart Metal Detection System Using Iot Technology	428647-001	2024
15.	Dr. Mago Stalany V	FTSE	DIE Manufacturing Unit	404491-001	2024
16.	I Sowmy	BME	Digital and Live Text To Braille And Audio Converter	549680	2024
17.	Dr. Vijila Grace	ECE	Device for Detecting Diseased Leaves In Plant By Image Processing	412673-001	2024
18.	Dr. Anukuttan	Aero	An Additive Manufacturing Machine	415058-001	2024
19.	Dr. H. Vennila	EEE	IoT Based Battery Management System For Electric Vehicles	429170-001	2024
20.	Dr. Manju R	EIE	Automated Urban Waste Sorting System Using AI	425917-001	2024
21.	Dr. K. Muthuvel	EEE	IoT Helmet	427210-001	2024
22.	Dr. Ben Sujitha B	CSE	IoT Based Water Purification Device	424039-001	2024
23.	Dr. V. G RANJITH	CSE	IoT Based Wearable Device For Heart Rate Monitoring	411761-001	2024
24.	Dr. Ben Sujitha B	CSE	AI-Powered Device for Employee Efficiency Monitoring	410991-001	2024
25.	Dr. R. Mathusoothana S. Kumar	IT	ML Based Breast Cancer Monitoring Device	407480-001	2024
26.	Dr. G. Ramadas D. Allwin Dr. M. Dev Anand	Library	Intelligent Library Automation Management System with AGVs and Robotics	L-159446	2025
27.	Dr. G. Ramadas D. Allwin S. Mathan Kumaar	Water Technology	Digital Water Technology		2025
28.	Dr. G. Arokia Selva Saroja	ECE	Animal Detection and Altering Device for Agricultural Field	447956-001	2025
29.	Dr.S.S. Kumar	EIE	Smart Sensor for Liquid Level and Temperature Monitor	447626-001	2025

Sl. No.	Name of Inventors	Domain Area	Title	Application No./Granted Patent No.	Granted Year
30.	Dr. Ramesh Palappan	MBA	AI Powered Startup Risk Management Device	448909-001	2025
31.	Dr. Stanley Jones Ratnam	Mechanical	Safety Helmet with Camera and solar Powered fan for Construction workers	546709-001	2025
32.	Dr. K.S. Jai Aultrin	Mechanical	Electric Scotter Frame with Foldable Mechanism	456300-001	2025
33.	P. Berlin Push	Mechanical	Plant Watering System with Auto Off Motor	453751-001	2025
34.	Dr. Jubi R	MBA	Mental Health Monitoring Device	458229-001	2025
35.	Joseph and E.H.Edinsha Gladis	Chemistry	AI based compound purity analyser	LD-24217	2025

(b) Filed

Sl. No.	Name of Inventors	Domain Area	Title	Application No.	Year
1.	Dr. R. Rajesh Dept of Mechanical Engineering	Mechanical	AI based 3D Printing Device	406761-001	2024
2.	Dr. R.C.Mehta Professor	Aeronautical	Image Processing Algorithm Forfringe Analysis In Photoelasticity	530946	2024
3.	Dr. A. Shajin Nargunam Pro Vice Chancellor (Academic)	CSE	Cloud Based Hybrid Processor Pool Architecture for Sustaining Green Computing	531256	2024
4.	Dr. Nininsa, Mr. Hari Kumar	AME	AI based crop health monitoring device	413467-001	2024
5.	Dr. H. Vennila	EEE	IoT Based Cellular Network Repeater	415883-001	2024
6.	Dr. G. Venifa Mini Dr. J. E. Judith Dr. G. Beni Dr. Jothy	CSE	An IOT Based Solar Power Agricultural Robot	412904-001	2024
7.	Allwin D Suresh Jeya Singh C	Civil	Electric Hydrogen Fuel Cell Hybrid Bus	416932-001	2024
8.	Allwin D, K.A. Janaradhanan, G. Ramadoss	Civil	Low Noise Block Downconverter To Enhance The Satellite Signal Quality	409591-001	2024
9.	Allwin D	Civil	Solar Powered Hydrofoil Unmanned Patrol Vessel	416931-001	2024

Sl. No.	Name of Inventors	Domain Area	Title	Application No.	Year
10.	Allwin D	Civil	Geopolymer Concrete Interlocking Brick	416494-001	2024
11.	Allwin D	Civil	Two Way Street Light System Designed for Smart City	429491-001	2024
12.	Allwin D	Civil	Self Propelled Triskate Equipped WITH Hub Motors	433096-001	2024
13.	Allwin D	Civil	Modular Drone for Agriculture	415512-001	2024
14.	Allwin D	Civil	Smart Metal Detection System Using IoT Technology	428647-001	2024
15.	Dr. Mago Stalany V	FTSE	Die manufacturing unit	404491-001	2024
16.	I Sowmy	BME	Digital and Live Text to Braille and Audio Converter	549680	2024
17.	Dr. Vijila Grace	ECE	Device for Detecting Diseased Leaves in plant by Image Processing	412673-001	2024
18.	Dr. Anukuttan	Aero	An Additive Manufacturing Machine	415058-001	2024
19.	Dr. H. Vennila	EEE	IoT Based Battery Management System for Electric Vehicles	429170-001	2024
20.	Dr. Manju R	EIE	Automated Urban Waste Sorting System Using AI	425917-001	2024
21.	Dr. K. Muthuvel	EEE	IoT Helmet	427210-001	2024
22.	Dr. Ben Sujitha B	CSE	IOT Based Water Purification Device	424039-001	2024
23.	Dr. V. G RANJITH	CSE	IOT Based Wearable Device For Heart Rate Monitoring	411761-001	2024
24.	Dr. Ben Sujitha B	CSE	AI-Powered Device for Employee Efficiency Monitoring	410991-001	2024
25.	Dr. R. Mathusoothana S. Kumar	IT	ML Based Breast Cancer Monitoring Device	407480-001	2024
26.	Dr. G. Ramadas D. Allwin Dr. M. Dev Anand	Library	Intelligent Library Automation Management System with AGVs and Robotics-Copyright	L-159446	2025

Sl. No.	Name of Inventors	Domain Area	Title	Application No.	Year
27.	Dr. G. Ramadas D. Allwin S. Mathan Kumaar	Water Technology	Digital Water Technology		2025
28.	Dr. G. Arokia Selva Saroja	ECE	Animal Detection and Altering Device for Agricultural Field	447956-001	2025
29.	Dr.S.S. Kumar	EIE	Smart Sensor for Liquid Level and Temperature Monitor	447626-001	2025
30.	Dr. Ramesh Palappan	MBA	AI Powered Startup Risk Management Device	448909-001	2025
31.	Dr. Stanley Jones Ratnam	Mechanical	Safety Helmet with Camera and Solar Powered Fan for Construction Workers	546709-001	2025
32.	Dr. K.S. Jai Aultrin	Mechanical	Electric Scotter Frame with Foldable Mechanism	456300-001	2025
33.	P. Berlin Push	Mechanical	Plant Watering System with Auto Off Motor	453751-001	2025
34.	Dr. Jubi R	MBA	Mental Health Monitoring Device	458229-001	2025
35.	J. Joseph and E.H.Edinsha Gladis	Chemistry	AI based Compound Purity Analyser	LD-24217	2025
36.	Noorul Islam Centre for Higher Education	Catalyst	Novel catalyst Formulation for Efficient Carbon Capture and Storage	202441035402	2024
37.	Noorul Islam Centre for Higher Education	Catalyst	Green Hydrogen Production Catalyst: Design and Methodlogy	202421033524	2024
38.	Noorul Islam Centre for Higher Education	Catalyst	Solar Assisted Hydrogen Production From Water Using Copper Complex as Catalyst and Seaweed Extract as Electrolyte	202441054846	2024
39.	Dr. R.S. Vinod Kumar	ECE	IOT Enabled Digital Micrometer	447625-001	2025
40.	Dr. R. Rajesh	Mechanical	Road Accident Detection And Deporting System	443741-001	2025
41.	Dr.J. Joseph and Dr. E.H. Edinsha Gladis	Chemistry	Solar Water Distillation System	407009-001	2024
42.	Mr. Aniver Chanth	Mechnaical	Flower oil Extraction Machine	441137-001	2024

Sl. No.	Name of Inventors	Domain Area	Title	Application No.	Year
43.	Mr. Hari	AME	AI Based Image Recognition Device For Autonomous Vehicle	469753-001	2025
44.	Dr.J. Joseph and Dr. E.H. Edinsha Gladis	Chemistry	AI Based Compound Purity Analyser	462040-001	2025
45.	Noorul Islam Centre for Higher Education	Chemistry	Bio-Integrated Sodium-Ion Battery with Seaweed-Derived Anode, NaFeCaPO ₄ Cathode for Hybrid Electric Vehicle Applications	2025410819 21	2025
46.	Noorul Islam Centre for Higher Education	Chemistry	Smart Bio-Membrane System Using Agro-Waste Resources with AI and Sensor Integration for Hospital Wastewater Treatment and Reuse	2025410819 23	2025

13. Details of Awards and Recognition for Faculty Members

Sl. No.	Name of the Awardee	Name of the Award	Year of Award
1.	Dr. Joseph J	Certificate of Reviewing	2023
2.	Dr. Joselin Herbert G M	Certificate of Reviewing	2023
3.	Dr. Joselin Herbert G M	Certificate of Reviewing	2023
4.	Dr C Sagi RANI	Certificate of Excellence in Reviewing	2023
5.	Dr V N Meena Devi	Certificate of Excellence in Reviewing	2023
6.	Dr V N Meena Devi	Certificate of Excellence in Reviewing	2023
7.	Dr V N Meena Devi	Certificate of Excellence in Reviewing	2023
8.	Dr V N Meena Devi	Certificate of Excellence in Reviewing	2024
9.	Dr V N Meena Devi	Certificate of Excellence in Reviewing	2023
10.	Dr V N Meena Devi	Certificate of Excellence in Reviewing	2023
11.	Dr Tibbie Pon Symon V A	Certificate of Excellence in Reviewing	2023
12.	Dr Tibbie Pon Symon V A	Certificate of Excellence in Reviewing	2023
13.	Dr Tibbie Pon Symon V A	Certificate of Excellence in Reviewing	2023
14.	Dr Tibbie Pon Symon V A	Certificate of Excellence in Reviewing	2023
15.	Dr Tibbie Pon Symon V A	Certificate of Excellence in Reviewing	2023
16.	Dr Tibbie Pon Symon V A	Certificate of Excellence in Reviewing	2023
17.	Dr Tibbie Pon Symon V A	Certificate of Excellence in Reviewing	2023
18.	Dr Tibbie Pon Symon V A	Certificate of Excellence in Peer-Reviewing	2023

Sl. No.	Name of the Awardee	Name of the Award	Year of Award
19.	Dr. Joseph J	Best India Research Award 2023	2023
20.	Dr Vennila H.	Certificate of Excellence in Reviewing	2023
21.	Dr Tibbie Pon Symon V A	Certificate of Excellence in Peer-Reviewing	2024
22.	Joseph J	Certificate of Reviewing	2024
23.	Dr C Sagi Rani	Certificate of Excellence in Peer-Reviewing	2024
24.	Dr C Sagi Rani	Certificate of Excellence in Peer-Reviewing	2024
25.	Dr C Sagi Rani	Certificate of Excellence in Reviewing	2024
26.	Dr V N Meena devi	Certificate of Excellence in Reviewing	2024
27.	Dr Tibbie Pon Symon V A	Certificate of Excellence in Peer-Reviewing	2024
28.	Dr. Joselin Herbert G M	Certificate of Reviewing	2024
29.	Dr. Rimal Issac	Certificate of Reviewing	2024
30.	Dr. Rimal Issac	Certificate of Reviewing	2024
31.	Dr. Rimal Issac	Certificate of Reviewing	2016
32.	Dr. Rimal Issac	Certificate of Reviewing	2024
33.	Dr. Rimal Issac	Certificate of Reviewing	2018
34.	Dr. Rimal Issac	Certificate of Reviewing	2023
35.	Dr. Rimal Issac	Certificate of Reviewing	2024
36.	Dr. Rimal Issac	Certificate of Reviewing	2024
37.	Dr. Rimal Issac	Certificate of Reviewing	2024
38.	Dr. Rimal Issac	Certificate of Reviewing	2024
39.	Dr. Rimal Issac	Certificate of Reviewing	2023
40.	Dr. Rimal Issac	Certificate of Reviewing	2024
41.	Dr. Rimal Issac	Certificate of Reviewing	2016
42.	Dr. Rimal Issac	Certificate of Reviewing	2024
43.	Dr. Rimal Issac	Certificate of Reviewing	2023
44.	Dr. Rimal Issac	Certificate of Reviewing	2024
45.	Dr. Rimal Issac	Certificate of Reviewing	2023
46.	Dr.N Santhi	RULA Innovation and Betterment Excellence Award	2020
47.	Dr. E.H. Edinsha Gladis	Best Paper Award	2024
48.	Dr.Janaki.M.C	Best Woman Faculty Award	2021
49.	Dr.Janaki.M.C	International Teaching Excellence Award	2021
50.	Dr. N.C.J.Packia Lakshmi	Best Woman Scientist Award	2021
51.	Dr.J.Raja Brindha	Best Woman Faculty Award	2021

14. List of Ongoing Projects

(a) Faculty Members

Sl.No.	Name of the Principal Investigator	Department	Title of the Project	Duration	Funding Agency	Amount Rupees
1.	Dr. Aneesh Nair	Allied Health Sciences	Integrated Rhizosphere Microbiomics and Phytopharmacology Based Fingerprinting Approach Towards Mangrove Conservation in TamilNadu	2022-23	SFRI	4.60 Lakhs
2.	Head, Department of Nanotechnology	Nano Technology	DST/SHRIC/SHRI-04/2023(G)	2 Years	DST	Rs. 1,16,70,560/-

(b) Students

Sl.No.	Name of the Principal Investigator	Department	Title of the Project	Student(s) Name	Duration	Funding Agency	Amount Rupees
1.	Dr, H. Vennila, Associate Professor	EEE	Development of Novel Procetive Circuit for Electric Vechile Battery	Praveen M., Thangasaravan B., Akhilesh B.	One Year	TNSCST	Rs. &5000/-
2.	Dr. R.Dinesh, Assistant Professor	Mechanical	Design and Fabrication of Rotten Coconut Detecting Device	Satheesh S.M., Sujin A.S., Ragunatha Sethupathi G.K., Sahaya Sjin M.	One Year	TNSCST	Rs. &5000/-
3.	Dr.Ben Sujitha, Professor	CSE	Wearable Heart Reate Alrert System Usig AI	Krithiya T., Jeolin Sibi S	One Year	TNSCST	Rs. &5000/-

15.Details of the Projects Applied

(a) Faculty Members

Sl. No.	Name	Department	Title of the Project	Agency	Amount (Rs.)
1.	Dr. I. Sowmy	Biomedical Engineering	Smart Edge-Based AI System for Real-Time Seizure Prediction and Detection Using Optimised EEG Signal Processing	ANRF	23,77,440

Sl. No.	Name	Department	Title of the Project	Agency	Amount (Rs.)
			and Deep Learning Models		
2.	Dr. N. Santhi	Electronics and Communication Engineering	Hepatitis Detection from Ultrasound images Using Edge Computing - a Feasibility Study	ANRF	25,00,000
3.	Dr. J. Joseph	Chemistry	Development of an AI-Enabled Sensor – Integrated Hydrogen Storage Cylinder with Copper – Impregnated Seaweed Coating for Enhanced Adsorption Efficiency and Intelligent Pressure – Controlled Release	ANRF	1.6 Crores
4.	Dr. J. Joseph	Chemistry	FIST	DST	3 Crores
5.	Dr. V. G. Ranjith	Computer Science and Engineering	FIST	DST	3 Crores
6.	Dr. P. K. Praseetha	Nanotechnology	FIST	DST	2 Crores

(b) Students

Sl. No.	Name	Department	Title of the Project	Agency	Amount (Rs.)
1.	Mr. Mohamed Asif B Mr. Mohamed Ihlash Khan A Mr. Aljin Xavio X A	Automobile Engineering	Solar Power Electric Vehicle	TNSCST	45,000/-
2.	Anslee Moses .J (1122208037) Godson Manuel .S. R. (1122208009) Milan R.C (1122208021)	Computer Science and Engineering	Smart Environmental Sensing and Crop Health Prediction Using AI	TNSCST	7,500/-
3.	Kingston Chanda Bose S (1123308001) Abin Santo M (1122208001)	Computer Science and Engineering	Smart Video Surveillance for Early Detection of Lameness in Dairy Cows	TNSCST	7,500/-
4.	Shakthivel K (1123337003) Hariharan J (1123337001) Prawin T. R. (1123337002)	Computer Science and Engineering	AI – Under Siege	TNSCST	7,500/-

Sl. No.	Name	Department	Title of the Project	Agency	Amount (Rs.)
5.	S. Jinoslin (1122237001) S. Mathan (1123337005) M. Mohammed Arsath (1122237006)	Computer Science and Engineering	AI – Powered Crop Disease Detection Using Computer Vision	TNSCST	7,500/-
6.	R. Mohan (1124748002)	Chemistry	Low – Cost Indoor Air Quality Sensor Using Bio – Derived Quantum Dots	TNSCST	10,000/-
7.	Mr. G. Kamalesh (1122209001) Mr. S. V. Teenu (1123309001)	Electrical and Electronics Engineering	AI Powered Suicide Risk Detection and Early Intervention	TNSCST	7,500/-
8.	Mr. Anto Cruz Diodus . A (1122204006) Ms. Athira S. J (1122204007) Mr. Siddarth S. R (1122204015) Mr. Unnikrishnan S P (1122204017)	Biomedical Engineering	A Wearable Vibrotherapy Device for Vocal Fatigue Recovery & Dysphonia Mitigation	TNSCST	10,000/-

16. Details of the Projects Sponsored by the Management

Sl. No.	Name of the Incharge	Nature of the Project	Funds Sanctioned	Date of Commissioning	Short Description
1.		Noorul Ilam Biofuel from Biomass	NICHE		
2.		Industrial Safety Mask	NICHE		
3.		Biogas Plant	NICHE		
4.		Wind Mill Power Plant	NICHE		
5.		Solar Plant	NICHE		
6.		Plastic Crusher	NICHE		
7.		Hydraulic Power Press	NICHE		
8.		Hand Sanitizer	NICHE		
9.		Vermin	NICHE		

Sl. No.	Name of the Incharge	Nature of the Project	Funds Sanctioned	Date of Commissioning	Short Description
		Composed FFertiliser			
10.		Whether Monitoring System	NICHE		
11.		Ahwwl Alignment	NICHE		
12.		Low Sodium Salt	NICHE		
13.		Milk Skimmer Report	NICHE		

17. Research Papers Publications in the SCOPUS / SCI and UGC Approved Journals Data Base in Year 2024-25

Sl. No.	Authors	Title	Year	Source title	Volume	Issue	Page start	Page end
1	M.H.F., Md Fauadi, Muhammad Hafidz Fazli; N.I., Anuar, N. I.; D.A., Kurniawati, Dwi Agustina; C.N., Nur Rosyidi, Cucuk Nur; L., Abdullah, L.; A.A., Muhamad Damanhuri, Amir Abdullah; T.S., Jian, Tay Sui	Recent advances in multi-criteria decision-making approaches for circular supply chains: A comprehensive review	2025	Multidisciplinary Reviews	9	2		
2	R., Pradheepa, R.; I., Manimehan, I.; B., Deepa, B.; K., Ravichandran, K.; K., Gayathri, K.; R., Shalini, Rajagopal; M., Ayyanar, M.; P.K., Praseetha, Prabhakaran Kala	Photocatalytic dye detoxification ability enhancement of spray deposited tin oxide film by Mo+F doping and confirmation test by cowpea seed germination	2025	Journal of Molecular Structure	1346			
3	S.J., Nisha, Selvaraj Jeraldin; G., Uma, Ganapathi; R., Sathishkumar, Ramamoorthy; V.S.G., Prakash,	Optimization and characterization of bioactive secondary metabolites from Streptomyces sp CMSTAAHL-4 isolated from mangrove sediment	2025	BMC Microbiology	25	1		

Sl. No.	Authors	Title	Year	Source title	Volume	Issue	Page start	Page end
	Vincent Samuel Gnana; R.S., Rimal Isaac, R. S.; T., Citarasu, Thavasimuthu							
4	B., Jebanisha, B.; V.N.M., Devi, V. N.Meena	Study of CQD-based fluorescent biosensors	2025	Materials Science in Semiconductor Processing	200			
5	G., Indu Salini, G.; Sowmy; T.K., Sreeja, T. K.	FrAdadelta-CSA: Fractional Adadelta Chameleon Swarm Algorithm-based feature selection with SpikeGoogle-DenseNet for epileptic seizure detection	2025	Computational Biology and Chemistry	119			
6	F., Alipour, Fatemeh; R., Mehrdad, Ramin; P., Abdolalizadeh, Parya; H., Pouragha, Hamidreza; M., Esmaili, Mehrdad	Spectacle coverage for presbyopia correction and its associated factors among employees of an academic centre in Tehran	2025	Scientific Reports	15	1		
7	M.J., E P, Mr Jibin; D.M., D, Dr Menaka	Cardiac disease detection utilizing temporal attention recurrent graph convolutional neural network based smart wearable system	2025	Knowledge-Based Systems	329			
8	J., Hyun, Jaeyub; D., Barazanchy,	Gradient-based shape optimization of induction	2025	Composites Part B: Engineering	306			

Sl. No.	Authors	Title	Year	Source title	Volume	Issue	Page start	Page end
	Darun; J., Pandher, Jaspreet; M.J.L., Van- Tooren, Michel Johannes Leonardus; H., Alicia Kim, H.	welding coil for thermoplastic composites via level-set method						
9	S., Yuvaraj, S.; S., Ramachandran, Selvam; J.R., Rajabathar, Jothi Ramalingam; R.S., Rimal Isaac, R. S.; R., Sheela, R.; M., Sundararajan, M.; S., Sasikumar, Subramanian	Synthesis, characterization, photoelectron spectroscopy and photoluminescence studies of Zn _{1-x} -yCo _x Ni _y Fe ₂ O ₄ (x & y = 0, 0.05, 0.15 and 0.25) nanoparticles	2025	Journal of Photochemistry and Photobiology A: Chemistry	468			
10	S.S., Kumar, Sudhisht Sathish; S., Valanarasu, Santiyagu; R.S., Rimal Isaac, R. S.; A.V., Juliet, A. Vimala; V., Ganesh, Vanga; I.S., Yahia, I.S. Sayed	Enhanced photodetection properties of PbS thin films prepared via nebulizer spray pyrolysis (NSP) technique: Effect of coating temperature	2025	Journal of Physics and Chemistry of Solids	206			
11	J., Han, Jixiao; H., Zhang, Hongchuan; Y.,	Resistance welding of thermoplastic composites using novel heating	2025	Journal of Manufacturing Processes	151		41	53

Sl. No.	Authors	Title	Year	Source title	Volume	Issue	Page start	Page end
	Liu, Yifan; J., Su, Jianhui; X., Zhang, Xueyan; C., Tan, Caiwang; H., Wang, Huatao; X., Song, Xiaoguo	element of graphite film						
12	M., Shunmugathamma I, M.; C., Ajitha, C.; F.D., Shadrach, Finney Daniel; N., Muthukumaran, N.; K.A., Malar, K. A.; A., Appathurai, Ahilan; P., Deepa, P.; B., Pydi, Balamurali	Flexible fractal loaded patch antenna for wearable application	2025	Analog Integrated Circuits and Signal Processing	125	1		
13	F., Alsalami, Fatmah; I.A., Kinloch, Ian A.; R.K., Abu Al-Rub, Rashid K.; C., VallÃ©s, Cristina	Electrically conductive nanocomposites as heating elements for thermoplastics Joule welding	2025	Composites Part B: Engineering	305			
14	R., Jeron, R.; Y., Stalin Jose, Y.	Investigating porosity and strength characteristics of novel concrete design based on recycled ceramics, steel fiber, and industrial chip wastes using novel deep learning	2025	Journal of Building Engineering	111			

Sl. No.	Authors	Title	Year	Source title	Volume	Issue	Page start	Page end
15	C.T., Abdul Majeed, C. T.; M., Ilankumaran, M.	Empowering Second Language Learning and Teaching in the ESL Classroom: Harnessing Digital Media and Programmed Instruction	2025	World Journal of English Language	15	6	243	251
16	S.S., Prakash, S. Sai; A.C., Subhajini, A. C.	An Efficient Prediction and Analysis of Diabetics Based on Hybrid Convolutional Pyramid Squeeze Attention Network with Explainable AI	2025	International Journal of Pattern Recognition and Artificial Intelligence	39	12		
17	C., Arul Jerman, C.; S., Julyes Jaisingh, S.; A.J., Kings, Ajith J.; R.S., Rimal Isaac, R. S.	Enhancement of biodiesel production using magnetic nanocatalyst CrFe ₂ O ₄ from mixed waste cooking oil by an empirical model	2025	Energy and Environment	36	6	2880	2904
18	D.S., Nair, Deepthy S.; M.B., Mol, M. Beena	Validating Energy Efficient Structural Health Monitoring through Experimental Analysis in Self-Compacting Concrete Beam Column Joint Incorporated with Steel Fibres Using Artificial Neural Network	2025	Civil Engineering and Architecture	13	5	3514	3526
19	R.R., Singh, Rajeev Ranjan;	Socioeconomic inequality in visual impairments	2025	Aging and Health Research	5	3		

Sl. No.	Authors	Title	Year	Source title	Volume	Issue	Page start	Page end
	S.K., Mohanty, Sanjay Kumar	among older adults in India						
20	C., Canciani, Chiara; V.P., Sarvothaman, Varaha Prasad; G., Viciconte, Gianmaria; E., Colleoni, Elia; P., Guida, Paolo; W.L., Roberts, William L.	Ultrasonically-enhanced leaching: correlating acoustic spectra and solid particle properties in NMC cathode extraction	2025	Ultrasonics Sonochemistry	120			
21	S.M., Aldarabseh, Safa M.; S.A., Abdallah, Salah A.	Energy and exergy analysis of PCM-based pyramid solar still	2025	International Journal of Thermofluids	29			
22	S., Afsal, S.; J.A., Linsely, J. Arul	An Intelligent Hybrid Machine Learning With Meta-Heuristic Optimization Algorithms for Enhancing Real-Time Video Stabilization	2025	Internet Technology Letters	8	5		
23	K.T.A., Kader, K. T.Abdul; K.S., Sankar, K. Siva	Enhancement of underwater images using novel Markov-patch based conditional generative adversarial network	2025	Earth Science Informatics	18	3		
24	J.M.A., Khaled, Jamal Mohammed A.; S.A., AlYahya, Sami A.; R.,	Retraction notice to œLaccase producing bacteria influenced the high decolorization of	2025	Environmental Research	280			

Sl. No.	Authors	Title	Year	Source title	Volume	Issue	Page start	Page end
	Govindan, Rajivgandhi; C.K., Chelliah, Chenthis Kanisha; M., Maruthupandy, Muthuchamy; N.S.H., Alharbi, Naiyf Sultan H.A.; K., Shine, K.; R., Issac, Reya; S.S., Murugan, Sevanan S.; W., Li, Wenjun	textile azo dyes with advanced studyâ€• [Environ. Res. 207 (2022) 112211] (Environmental Research (2022) 207, (S0013935121015127), (10.1016/j.envres.2021.11 2211))						
25	K., Ravichandran, K.; K., Gayathri, K.; M., BanÃ©to, Mazabalo; B., Kaleeswaran, Balasubramanian; P.K., Praseetha, Prabhakaran Kala; B., Deepa, B.; N., Anuradha, Narayanamoorthi	Photocatalytic dye detoxification by cost-effective SnO2: Ce thin films and verification of toxicity by histology using Labeo rohita fish	2025	Process Biochemistry	156		118	135
26	J.B., Sony, J. B.; W.A., Manjusha, W. A.; V.S., Sangeetha, V. S.; S.G.T., Vincent, Salom Gnana Thanga; T.,	Bioremediation of crude oil and heavy metal pollutants in marine environment by biosurfactant, rhamnolipid isolated from Stutzerimonas stutzeri âˆ™ MW15	2025	Journal of Genetic Engineering and Biotechnology	23	3		

Sl. No.	Authors	Title	Year	Source title	Volume	Issue	Page start	Page end
	Citarasu, Thavasimuthu; J.R., Anusha, J. R.							
27	S., Krishnaswamy, Srimathi; P., Panigrahi, Puspamitra; P.P., Kala, Praseetha Prabhakaran; S.P.S., Sofini, Sharon P.S.; G.S., Nagarajan, Ganapathi Subramaniam	A hydrophobic flexible self-cleaning carbon based type II heterojunction photocatalyst:A smart apparel for multifunctional application	2025	Hybrid Advances	10			
28	M., Vijay, Margret; J.P., Jayan, J. P.; null	A Systematic Review On Artificial Intelligence Based Adaptive Gamification in Knowledge Engineering	2025	KSII Transactions on Internet and Information Systems	19	8	2569	2591
29		Anomaly Detection for IoT Applications using WW-RF and MLP-DBO Algorithms	2025	KSII Transactions on Internet and Information Systems	19	8	2650	2677
30	S., Priya, Sahariya; S., Mohan, Sakar; R., Kuppusamy, Radhika; I., Suyambulingam, Indran; B., Baby, Bindhu; R., Ramesh, R.; S., Han, Sungsoo	Advances in Bio-Microelectromechanical System-Based Sensors for Next-Generation Healthcare Applications	2025	ACS Omega	10	31	34088	34105

Sl. No.	Authors	Title	Year	Source title	Volume	Issue	Page start	Page end
31	R.K., Greeshma, R. K.; D., Kinslin, D.	Analytical View of Mediating Job Stress and Work-Life Balance Through Self-Motivation Among Women journalists in Kerala's digital Age	2025	International Journal of Accounting and Economics Studies	12	4	139	157
32	R.R., Kumar, Roopa R.; M., Ilankumaran, M.	An Integrated Analysis of ICT-Enabled Teaching Methods for Enhancing Communicative Competence and Second Language Acquisition	2025	Theory and Practice in Language Studies	15	8	2475	2485
33	S.T.A., Jebaraj, S. Tennison Augustine; N., Ramasamy, N.; M.D., Anand, M. Dev; N., Santhi, N.	Vibration Analysis of MR Damper in Non-Linear Suspension System by Hybrid optimization with Deep learning	2025	Journal of Vibration Engineering and Technologies	13	6		
34	G., Haneesha, G.; K.A., Janardhanan, K. A.	Student Perceptions of Employability Outcomes of Online Education Vs Face-To-Face Learning	2025	SN Computer Science	6	6		
35	R.R., Ramya, R. R.; T., Brindha, T.	Fuzzy-Driven Cluster Head Selection and Deep Learning Prediction on the Basis of Hybrid Optimization Algorithm for Multiobjective Routing in WSN-IoT	2025	International Journal of Communication Systems	38	12		

Sl. No.	Authors	Title	Year	Source title	Volume	Issue	Page start	Page end
36	M.S.K., Hemanth, M. Sunil Kumar; J.E., Raja Dhas, John Edwin; K.A.S., Lewise, K. Anton Savio	Comparative Study of Oil Residues as Brake Pad Materials: Evaluating Mechanical Characteristics and Environmental Sustainability	2025	JOM	77	8	6121	6138
37	P.K., Praseetha, Prabhakaran Kala; S., Vijayakumar, Suburamaniyan; L., Gangadhar, Lekshmi; S.T., Gopukumar, S. T.; S., Vijayakumar, Sekar	Nano-engineered Antibiotic Formulation That Targets Chronic MRSA Infection	2025	Applied Biochemistry and Biotechnology	197	8	5249	5288
38	I., Clitenn, I.; B., Noorul Ayin, B.; T., Prakash, T.; R.R., Babu, Ramraj Ramesh	Low-temperature synthesis of Cs ₂ BaBr ₄ microcrystals via Water-Assisted Solid-State Reaction for low-dose X-ray sensing	2025	Materials Science in Semiconductor Processing	194			
39	Asiya; N., Sugitha, Nadeson	Lung Cancer Histopathological Image Classification Using Custom CNN Model	2025	International Journal of Basic and Applied Sciences	14	SI-1	279	287
40	S.M., Revathy, S. Merlin; S.S., Kumar, S. S.	Optimized Deep Embedded Clustering-Based Speaker Diarization with Speech Enhancement	2025	Circuits, Systems, and Signal Processing	44	7	5044	5074
41	C.S., Dash, Chandra Sekhar;	Impact of Co ₂ + Substituted La ₂ CuO ₄ Nanoparticles:	2025	Journal of Inorganic and	35	7	5997	6004

Sl. No.	Authors	Title	Year	Source title	Volume	Issue	Page start	Page end
	S., Yuvaraj, S.; R., Jothi Ramalingam, Rajabathar; S., Iqbal, S.; R.S., Rimal Isaac, R. S.; A.A.A., Ahmed Awadh Bahajjaj, Aboud Ahmed Awadh; M., Sundararajan, M.; M., Sukumar, M.; L., Rajadurai, L.; Y.H., Ahn, Young Ho	Structural, Morphological, Optical and Magnetic Behaviour		Organometallic Polymers and Materials				
42	S., Arunima Raj, S.; R., Roselin, R.	Sustainable Concrete Composites: Evaluation Of Structural Performance of Egg Shell Powder and Silica Fume Replaced Steel Fibre Added Concrete	2025	SSRG International Journal of Civil Engineering	12	7	168	182
43	M.K., Immamuddinkhan, Mujeebudheen Khan; K.S., Sankar, K. Siva	Bidirectional Circular Shift-Based Reversible Steganography Algorithm with Dual Stego-Images	2025	International Arab Journal of Information Technology	22	4	709	721
44	R.R., Kumar, Roopa R.; M., Ilankumaran, M.	Exploring the Role of Grammar Instruction in English Language Teaching: Evolving	2025	Journal of Language Teaching and Research	16	4	1085	1094

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		Approaches and Emerging Trends in Modern Instruction						
45	A.G.S., Sheaba, Anne G.S.; A., Anitha, A.	An Oral Healthcare Recommendation Framework Using Lion Inspired Feature Optimization and SVM Classification	2025	Journal of Machine and Computing	5	3	1559	1570
46	J., Isaac, Jisha; V.M.A., Amala Bai, Vargheese Mary Amala	Improving Academic Performance and Career Mobility Through Hybrid Clustered Graph Neural Networks	2025	Transactions on Emerging Telecommunications Technologies	36	7		
47	T.S., Ahamed, T. S.; H.S.M., Almoallim, Hesham Saleh M.; C., Arunachalam, C.; F., Josephin Js, Femilda; E.G., Varuvel, Edwin Geo	Scenedesmus dimorphus microalgae biodiesel blends on conventional diesel engines assisted with Al ₂ O ₃ nanoparticles and hydrogen as secondary fuel	2025	International Journal of Hydrogen Energy	143		751	759
48	S., Vinoth, S.; R.S., Rimal Isaac, R. S.; A.V., Juliet, A. Vimala; V., Ganesh, Vanga	Enhanced ammonia gas sensing properties of the ZnFe ₂ O ₄ nanoparticles synthesized by wet chemical method	2025	Ionics	31	7	7411	7425
49	G.S., Pillai, Gijy S.; M.I., Mary, M.	Hybrid Markov weighted fuzzy kernel time series	2025	Ain Shams Engineering	16	7		

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	Immaculate	with red Piranha Walrus optimization for gold price forecasting		Journal				
50	S.V., Gayetri Devi, S. V.; V.G., Ranjith, V. G.; P., Ramani, P.; A., Kavitha, A.	Convolution neural network-AlexNet with gazelle optimization algorithm-based software defect prediction	2025	Knowledge and Information Systems	67	7	6285	6306
51	T.S., Ahamed, T. S.; H.S.M., Almoallim, Hesham Saleh M.; C., Arunachalam, C.; F., Josephin Js, Femilda; E.G., Varuvel, Edwin Geo	Impact of Al ₂ O ₃ , CaO, and Fe ₂ O ₃ additives on spirulina biodiesel blends in a comparative compression ignition engine study	2025	International Journal of Hydrogen Energy	139		1159	1167
52	G., Gopika Rajan, Gopika; R.S., Ganesh, R. S.	Dynamic pixel shuffling and hash LSB steganography with RC4 encryption: A robust data security framework	2025	Expert Systems with Applications	279			
53	M., Bhavisha, Meloth; S., Balamurugan, Sarkarainadar; N.J., Venkatesha, Naragalu Javaregowda; C.S., Gopinath,	Catalytic Hydrogenation of Cinnamaldehyde Over Nanocrystalline Nickel-Doped Lanthanum Aluminate: Synergistic Effect of Nickel and Oxygen Vacancies	2025	ChemCatChem	17	11		

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54	S.M., Kavitha, Sethuraman Muthusamy; M.S., Ravikumar, M. S.	Performance Evaluation of Carbon and Basalt Fiber- Reinforced Concrete Under Microstructural Analysis, Flexural Strength Testing, and Remote Sensing Applications	2025	Remote Sensing in Earth Systems Sciences	8	2	444	454
55	S.L., S R, Suresh Lal; J.H., G M, Joselin Herbert; A.K., Vijayan, Aswathy K.	Feasibility analysis of solar and wind energy-powered irrigation pumping systems using reanalysis data—A case of Thiruvananthapuram district in Kerala, southwest region of India	2025	Wind Engineering	49	3	632	645
56	E.M., Bearly, E. Mary; R., Chitra, R.	A systematic review on analysis of automatic drowsiness detection for preventing road accidents	2025	Multimedia Tools and Applications	84	19	20521	20544
57	S.M., Neeraja, S. M.; B., Bindhu, B.	A Comprehensive Review on Two-Dimensional Materials for Water Treatment Applications	2025	ES Energy and Environment	28			
58	D.R., Anand Rejilin, D. R.; B., Poul Sebastin, Brightson; R., Rahul, R.	Behavior analysis of reinforced pervious concrete with nano silica and plastics under static, cyclic, and impact loads	2025	Materials Research Express	12	6		

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59	K., Eqbert, K.; K.A.S., Lewise, K. Anton Savio; N., Jeyaprakash, Natarajan; I.A., Alnaser, Ibrahim A.; S.S., Karuppasamy, Sundara Subramanian	Study on the influence of FSSW process parameters on tensile strength of dissimilar materials joint (AA2014/AA7075)	2025	Physica Scripta	100	6		
60	A.A., Gangadharan, Aravind Ambika; R., Resselian, Rajesh; D.A., Manoharan, Dev Anand	Optimization of fiber loading, fiber length and mathematical modelling of Phoenix Sylvestris leaf sheath biocomposites for structural applications	2025	Multiscale and Multidisciplinary Modeling, Experiments and Design	8	6		
61	A.S., Vasu, Abhilash S.; T.K., Sreeja, T. K.	A compact flexible dual band coplanar waveguide fed antenna for 5G applications	2025	Analog Integrated Circuits and Signal Processing	123	3		
62	S.L., Jenish, S. L.; S., Valanarasu, Santiyagu; I., Loyola Poul Raj, I.; A.V., Juliet, A. Vimala; R.S., Rimal Isaac, R. S.; V., Ganesh, Vanga; I.S., Yahia, I.S. Sayed	Enhanced photo detection performance of Fe doped Co ₃ O ₄ thin films prepared via the nebulizer spray pyrolysis method	2025	Optical Materials	163			

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63	I.J., Solomon, I. John; D., Raguraman, D.; D., Poosapadi, Dhivakar; B.T., Nalla, Bhanu Teja; R., Kushwah, Rupesh; S.P., Dillibabu, Surrya Prakash; A.D., Joshuva, Arockia Dhanraj; G., Kalra, Gourav; T.S., Senthil, Thengiri Subbulakshmi	Pitting corrosion studies on SS316L wall fabricated by directed energy deposition based wire arc process	2025	Journal of Alloys and Metallurgical Systems	10			
64	S., Shams, Shamsiya; B., Bindhu, B.; A., Murali, Adhigan; R., Ramesh, R.; A.M., Al Souwaileh, Abdullah M.; S., Han, Sungsoo	Hydrothermal engineering of polyethylene glycol-assisted boron nitride/hematite nanohybrid composites for high-performance supercapacitors	2025	RSC Advances	15	20	16035	16049
65	A.J., Anju, A. J.; J.E., Judith, J. E.	Retraction note: Adaptive recurrent neural network for software defect prediction with the aid of quantum theory- particle swarm optimization (Multimedia Tools and	2025	Multimedia Tools and Applications	84	15	15623	

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		Applications, (2023), 82, 11, (16257-16278), 10.1007/s11042-022-14065-7)						
66	S., Vinoth, S.; I.V., Isaiarasu, Inigo Valan; R.S., Rimal Isaac, R. S.; A.V., Juliet, A. Vimala; A.S., Khan, Aayesha Sagir; A., Kumar, Ashwani; M., Shkir, Mohd	Design and fabrication of enhanced room temperature NH ₃ sensors based on Sn-doped WO ₃ thin films deposited using nebulizer spray pyrolysis technique	2025	Ceramics International	51	13	17423	17432
67	A.A., Gangadharan, Aravind Ambika; R., Resselian, Rajesh; M., Dev Anand, M.	Extraction and characterization of biofiber from the Phoenix sylvestris leaf sheath biowaste for probable reinforcement in polymer composites	2025	Biomass Conversion and Biorefinery	15	9	14147	14157
68	C.O., Clinto, C. O.; B., Bindhu, B.	Dosimetric impact of Acuros XB over Anisotropic analytical algorithm in kilo voltage Cone-beam CT based treatment planning	2025	International Journal of Radiation Research	23	2	291	296
69	A.S., Vasu, Abhilash S.; N.R., Lakshmi, N. R.; T.K., Sreeja, T. K.	A compact circular slotted radiator for ISM and wireless bands	2025	Russian Physics Journal	68	5	784	790

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70	R., Reena, R.; S., Amala Shanthi, S.	Localized And Global Feature Integration for Efficient Bladder Cancer Detection Using Deep Learning	2025	SSRG International Journal of Electronics and Communication Engineering	12	5	149	161
71	B., Prabha, B.; S.V., Divya, S. V.	Optimized convolutional neural networkâ€“multilayer perceptron for the detection of COVID-alike viruses using genome sequencing data	2025	European Physical Journal Plus	140	5		
72	S., Yuvaraj, S.; S., Ramachandran, Selvam; R., Sheela, R.; R., Jothiramalingam, R.; R.S., Rimal Isaac, R. S.; M., Sundararajan, M.; S., Sasikumar, Subramanian	Synthesis and optical and magnetic property characterization of Zn _{1-x} -yCo _x Ni _y Fe ₂ O ₄ (x & y= 0, 0.05, 0.15 and 0.25) nanoparticles	2025	Journal of Ovonic Research	21	3	279	284
73	J.J., Prabha, J. J.Jenu; V., Kumar, Vinod	Facial Expression Recognition and Classification Using Optimized EfficientNet-B7	2025	International Arab Journal of Information Technology	22	3	476	489
74	M., Ayesha Ziana, M.; C., Jebapillai, Charles	A Machine Learning Attempt for Anatomizing Software Risks in Small	2025	International Arab Journal of Information	22	3	547	559

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		and Medium Agile Enterprises		Technology				
75	S.S., Kumar, S. S.; R.S., Vinod Kumar, R. S.; D., Subbulekshmi, D.	A Review of U-Net-Based Deep Learning Models for Skin Lesion Segmentation	2025	International Journal of Imaging Systems and Technology	35	3		
76	G., Ramanan, G.; E.R.D., J, Edwin Raja Dhas; K.A.S., Lewis, K. Anton Savio; N.K., Kulandaiyappan, Naveen Kumar; B., Stanislaus Arputharaj, Beena; P., Rajendran, Parvathy; V., Raja, Vijayanandh; K., Arunkumar, K.	Development of statistical and soft computing regression models for WEDM machining of aluminum composites	2025	International Journal on Interactive Design and Manufacturing	19	5	3707	3723
77	R., Anjana, Radhakrishnan; D.P., Hanamantrao, Desai Prashant; G., Nasrin Banu, G.; V., Raja, V.; R.S., Rimal Isaac, R. S.; J.S., John, Jerin Susan; K., VEDIAPPAN,	Hydrothermal synthesis of graphitic carbon nitride/Ce doped Fe ₂ O ₃ heterostructures for supercapattery device and hydrogen evolution reaction	2025	Journal of Energy Storage	116			

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	Kumaran; S.P., Jose, Sujin P.; B., Neppolian, Bernaurdshaw; D., Sajan, D.							
78	E., John Alex, E.; B.G., Manju, B. Gayathri; R.A., Golda, R. Anlin; K.A., Malar, K. A.; P., Iyampalam, Paulkani	Investigating the Potential of Utilizing Free Standing Bi1 ⁺ xGdxFeO3 Polymer- Ceramic Nanocomposite Film for Applications in Flexible and Wearable Microwave Devices	2025	Brazilian Journal of Physics	55	2		
79	L., Techawinyutham, Laongdaw; R.S.S., Raja S, Raja Soma Sundaram; S., Indran, Suyambulingam; S., Mo-On, Supichaya; R., Srisuk, Rapeeporn; D., Divya, Divakaran; S.M., Rangappa, Sanjay Mavinkere; S., Siengchin, Suchart	Rice husk biowaste derived microcrystalline cellulose reinforced sustainable green composites: A comprehensive characterization for lightweight applications	2025	International Journal of Biological Macromolecules	299			
80	R., Ajith Raj, R.; S.J., Vijay, S. J.; M., Dev Anand, M.;	Comprehensive Analysis of Copper ⁺ Stainless Steel 304 Dissimilar Joints	2025	Physics of Metals and Metallography	126	4	447	460

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81	E., Masri, Esther; S., Irianto, Sigit; Y.T., Masriani, Yulies Tiena; S.M.S., Falah, Syauqi Muhammad Shobibul	Halal Product Assurance as Legal Protection for Muslim Consumers in Indonesia	2025	Al-Ahkam	35	1	205	234
82	H., Byeon, Haewon; P.K., Singh, Priyanshu Kumar; N., Shalom, N.; M., Sivaprakash, M.; A., Prakash, A.; D., Prince Sahaya Sudherson, D.; J.R., Sunil, J. R.	A Study on the potential industrial effluent remediation applications of CdS nanoparticles through niobium incorporation	2025	Global Nest Journal	27	4		
83	Z.A., Angel, Z. Ananth; S.S., Kumar, S. S.; B.M., Jebin, Ben M.	A New Hybrid Structure for Bidirectional DC-DC Converters with High Conversion Ratios for Electric Vehicles using War Strategy Optimization- WSO	2025	SSRG International Journal of Electrical and Electronics Engineering	12	4	252	260
84	S.M., Raja, S. M.Naveen; A., Shajin Nargunam, A.	An optimal feature selection-based deep learning approach for	2025	Multimedia Tools and Applications	84	14	12855	12876

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		wheat disease identification						
85	A.M.H., Khan, A. M.Habeeb; M., Prabu, M.; M., Steephan, Mathew; M., Saravanan, M.; T.K., Sreeja, T. K.	Enhancing dielectric and ferroelectric properties of PZT(52/48) electroceramics by niobium doping	2025	Journal of Materials Science: Materials in Electronics	36	10		
86	S., Karthikadevi, S.; S., Mullainathan, Sundaram; T.R., Rajaganesh, T. R.; P.K., Praseetha, Prabhakaran Kala; R.S., Lakshmi, R. Swarna; R., Shalini, Rajagopal; K., Ravichandran, K.	Synergistic effects of composite partnering between fluorine doped tin oxide and bio-derived activated carbon for enhanced photocatalytic dye detoxification	2025	Diamond and Related Materials	154			
87	J., Kavya Sri, J.; M., Kirubasankar, Mukunth; A.J., Ramalingam, Aishwarya J.; S., Pandian, Sujitha; P., Velmurugan, Punithavathi	Bacterial Profile and Their Antimicrobial Susceptibility Pattern with Assessment of Risk Factors among Diabetic Foot Ulcer Patients in a Tertiary Care Hospital, South India	2025	Microbiology and Biotechnology Letters	53	1	80	89
88	A.W., Kurniawan, Adityo Wiwit; A.,	Comparative Legal Analysis of Stunning	2025	International Journal of Law	4	1	84	107

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	Alam, Azhar; W., Yuspin, Wardah; R., Rizka, Rizka	Methods in Halal Animal Slaughter Between Muslim-Majority and Muslim-Minority Countries		and Society				
89	S.S., Kumar, Sudhisht Sathish; S., Valanarasu, Santiyagu; R.S., Rimal Isaac, R. S.; A.V., Juliet, A. Vimala; V., Ganesh, Vanga; I.S., Yahia, I.S. Sayed	Improve the photodetector properties of SnS thin films via nebulizer spray pyrolysis (NSP) technique for UV sensor applications	2025	Journal of Alloys and Compounds	1019			
90	G., Ramanan, G.; R.S., Rimal Isaac, R. S.; S.K., S, Suresh Kumar; P.S., M, Prerna Singh; P., M, Paavana; S., Sī¼Žkī¼Ž, Sneha; V., A, Vinodhini; B., Stanislaus Arputharaj, Beena; S., Singh, Subhav; D., Varshney, Deekshant	Exploration and Characterization of Biodegradable Hybrid Composites Reinforced with Areca Leaf Sheath Fiber and Tamarind Seed Powder	2025	Results in Engineering	25			
91	R., Sasirekabei, R.; T., Jayakumari, T.;	Enhanced photocatalytic dye detoxification by	2025	International Journal of	297			

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	R., Anandhi, R.; R., Shalini, Rajagopal; K., Neethidevan, Kanagaraj; P.K., Praseetha, Prabhakaran Kala; M., Ayyanar, M.; K., Ravichandran, K.	banana peel derived enzyme inherited ZnO/g-C ₃ N ₄ nanocomposite: Validation by soil health and seed germination analyses		Biological Macromolecules				
92	Paranthaman; D., Poosapadi, Dhivakar; A., Sailesh, Ashwin; V., Sharma, Vipin; R.D., Singh, Rahul Dev; L., Rajasekhara Babu, L.; K.K., Arun, K. K.; M.M., Ravichandran, Manickam M.; T.S., Senthil, Thengiri Subbulakshmi	Role of heat treatment in enhancing microstructure and properties of Inconel 625 manufactured by directed energy deposition using wire arc	2025	Journal of Alloys and Metallurgical Systems	9			
93	G., Indu Salini, G.; I., Sowmy, I.	Adadelta-CSA: Adadelta-Chameleon Swarm Algorithm for EEG-Based Epileptic Seizure Detection	2025	International Journal of Computational Intelligence and Applications	24	1		
94	S.S.D., Kumar, Siga Selvin Deva;	Characterization of novel cellulosic fiber from agro-	2025	Biomass Conversion and	15	5	7095	7103

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95	S.M., Dhanapalan, Sreeja Mallika; N., Nalanth, N.	Exploring Environmentally Sustainable Concrete: An Analytical Investigation on High Performance Concrete with Cellulose Nanofibers	2025	ES Energy and Environment	27			
96	Asiya; N., Sugitha, Nadeson	R-GAN-NET: A Novel Deep Convolution Neural Network with Augmentation to Detect Lounge Nodules	2025	Journal of Wireless Mobile Networks, Ubiquitous Computing, and Dependable Applications	16	1	488	507
97	H., Ray, Hindol; C., Weis, Chana; C., Nwaeze, Chioma; V., Zhou, Vincent; P., Basu, Paramita; A., Mitra, Arindam	Development and Control of Biofilms in Diabetic Foot Infections: A Narrative Review	2025	Acta Microbiologica Hellenica (Switzerland)	70	1		
98	S., Subha, S.; K., U, Kumaran	Adaptive cuckoo search algorithm based fuzzy C means clustering with random walker algorithm for liver segmentation using CT images	2025	Multimedia Tools and Applications	84	8	5051	5068

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100	P.V., Ravindra Reddy, P. V.R.; G., Chandra Mohan Reddy, G.; L.S., Suresh Kumar, L. Suresh; V., Uma Maheswari, Viswanadhula; R., Aluvalu, Rajanikanth; N.M.R., B, Naga Malleswara Rao	Development of fuzzy inference engine for prediction of mechanical properties in TIG-welded Al-65,032 alloy through reduced experimentation using Taguchi method	2025	International Journal on Interactive Design and Manufacturing	19	3	2077	2088
101	S., Agarwal, Somesh; M.S., Tyagi, Mohit S.; R.K., Garg, R. K.; A., Chopra, Amit	Optimizing sustainable supply of essential materials in a circular economy: a CoCoSo-SWARA based approach	2025	Journal of Remanufacturing	15	1	1	23
102	Q., Sun, Qiyang; A., Akman, Alican; B.W., Schuller, Björn W.	Explainable Artificial Intelligence for Medical Applications: A Review	2025	ACM Transactions on Computing for Healthcare	6	2		

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103	P., Subramaniyan, Prathipkumar; V., Subramaniyan, Vijayakumar; S., Renganathan, Sangeetha; V., Elavarasan, Vidhya; M.M., Al-Ansari, Mysoon M.; M., Aldawsari, Majdoleen; P.P., Kala, Praseetha Prabhakaran; W., Kim, Woong	Retraction notice to "Enhanced photocatalytic efficiencies in a bifunctional ZnO/PVA nanocomposites derived from Capparis zeylanica L." [Environ. Res. 233 (2023) 116482] (Environmental Research (2023) 233, (S0013935123012860), (10.1016/j.envres.2023.116482))	2025	Environmental Research	267			
104	S., Roy, Sumon; S.C., Roy, Sajib Chandra; M., Zehravi, Mahrukh; S.H., Sweilam, Sherouk Hussein; R., Das, Rajib; M., Palanisamy, Mylsamy; V.L.S., Dantinapalli, Venkata Lakshamana Sagar; S., Elumalai, Selvaraja; J.K., Gupta, Jeetendra	Exploring the neuroprotective benefits of phytochemicals extracted from indigenous edible fruits in Bangladesh	2025	Animal Models and Experimental Medicine	8	2	239	265

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106	Y.O., Mohamed, Yaseen O.M.; R., Jinu, R.	Navigating Suffering and Acceptance: The Transgender Experience in Living Smile Vidya's I Am Vidya	2025	Theory and Practice in Language Studies	15	2	339	345
107	S., Subha, S.; K., U, Kumaran	Efficient Liver Segmentation using Advanced 3D-DCNN Algorithm on CT Images	2025	Engineering, Technology and Applied Science Research	15	1	19324	19330
108	A.S., Vasu, Abhilash S.; T.K., Sreeja, T. K.	A nanocomposite filled compact circular Hexa band radiator from a traditional Yagi antenna structure with enhanced radiation for flexible wireless applications	2025	Applied Physics A: Materials Science and Processing	131	2		
109	M., Sundararajan, M.; K.A., Dahlous, Kholood Ahmed; R., Manickam, Ramesh; R.S., Rimal Isaac, R.	Effect of Al ³⁺ substitution on structural, morphological, magnetic, optical, and functional study of ZnFe ₂ O ₄	2025	AIP Advances	15	2		

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110	A., Mathew, Ann; K.V., Grace, K.S. Vijula; M.M.S.J., Preetha, M. Mary Synthuja Jain	AN APPROACH for LUNG CANCER DETECTION and CLASSIFICATION USING LENET-DENSENET	2025	Biomedical Engineering - Applications, Basis and Communications	37	1		
111	A.V., Kumar, Aiswarya V.; V.P., Velmurugan, V. P.	Analysing the Factors Impacting the Mindfulness and Wellbeing of Faculty Members of Arts and Science Self-Financing Colleges in Kerala	2025	Journal of Information and Knowledge Management	24	1		
112	S.J., Selvakumar, S. J.; A., Appathurai, Ahilan; B., Ben Sujitha, Ben; N., Muthukumaran, N.	Crystals kyber cryptographic algorithm for efficient IoT D2d communication	2025	Wireless Networks	31	2	1053	1070
113	R., Ajith Raj, R.; S.J., Vijay, S. J.; M., Dev Anand, M.; K.A.S., Lewise, K. Anton Savio; R.S., Rimal Isaac, R. S.	Electrochemical Corrosion Behaviour of Electron Beam Welded Copper and SS304 Dissimilar Metal Joints in NaCl-Saturated Solution	2025	Protection of Metals and Physical Chemistry of Surfaces	61	1	191	197

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115	Asiya; N., Sugitha, Nadeson	Ensuring Data Integrity and Security in AI-Based Lung Cancer Nodule Classification and Detection in CT Imaging Systems	2025	Journal of Internet Services and Information Security	15	1	361	370
116	A., Rashid, Aamir; R., Rasheed, Rizwana; N., Altay, Nezih	Greening manufacturing: the role of institutional pressure and collaboration in operational performance	2025	Journal of Manufacturing Technology Management	36	2	455	478
117	S., Shams, Shamsiya; B., Bindhu, B.; A., Murali, Adhigan; R., Ramesh, R.; A.A., Souwaileh, Abdullah Al; S., Han, Sungsoo	High-performance boron nitride/graphene oxide composites modified with sodium thiosulfate for energy storage applications	2025	Nanoscale Advances	7	7	1803	1813
118	P., Jaferkhan, P.; V., Amsaveni, V.	Solanaceae Safeguard: Cnn-Swin Fusion for	2025	International Journal of	16	1	75	85

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120	M.P., Kedarnath, M. P.; N., Ramasamy, N.; M.D., Anand, M. Dev; J.B., Raj, J. Bensam	Exposing the role of silica nanoparticles and fiber stacking in mechanical, water absorption, and bio-degradation behaviors of banana-papaya hybrid composites	2025	Physica Scripta	100	1		
121	A.R., Devaraj, Abhishak Raj; M., Victor Jose, M.	Advancements in Viral Genomics: Gated Recurrent Unit Modeling of SARS-CoV-2, SARS, MERS, and Ebola viruses	2025	Revista da Sociedade Brasileira de Medicina Tropical	58			
122	R., Rahul, Rajendran; M.S., Ravikumar, M. S.	Experimental Study of the Effect of Fine Aggregate In Pervious Concrete; Eksperimentalna [Tudija Vpliva Dodatka Finega Agregata Na Propustnost Betona	2025	Materiali in Tehnologije	59	1	31	37

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123	S., Jamal, Swapna; J.E., Judith, J. E.	Convolutional Neural Network with Extreme Learning for the Classification of Plant Leaf Diseases from Images	2025	International Journal of Computing and Digital Systems	17	1		
124	D.R., Unnithan, Divya R.; J.R., Jeba, J. R.	Telehealth Revolution: Leveraging CNN-Bi LSTM For Multiple Disease Prediction	2025	SSRG International Journal of Electronics and Communication Engineering	12	1	1	13
125	V.S., Nisha, V. S.; R.S., Rimal Isaac, R. S.	Innovative Toxicity Detection in Metal Oxide Nanoparticles Using 1-D CNN with Transformer Architecture	2025	SSRG International Journal of Electronics and Communication Engineering	12	1	271	286
126	A.S., Sabeena, A. S.; D.M., Jeyakumar, Dr M.K.	A hybrid model for diabetic retinopathy and diabetic macular edema severity grade classification	2025	International Journal of Diabetes in Developing Countries				
127	H., Byeon, Haewon; N., Shalom, N.; A.R., Krishna, Amaravadi Rama; M., Rajendran, Megala; M.C., Priyadarshini, M.	Exploring the harmful textile and pharmaceutical industries pollutant degradation mechanism and biological applications of MgO – SiO ₂ nanocomposite for environmental	2025	Global Nest Journal	27	2		

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	C.; A., Tonk, Anu; J.R., Sunil, J. R.	sustainability						
128	C., Christin Sherly, Christin; K.P., Uma Samundesvari, K. Pillai	Application of double domination integrity in PMU placement problem	2025	Discrete Mathematics, Algorithms and Applications				
129	S.V., Sanan, Sowmya V.; R.S., Rimal Isaac, R. S.	Segmentation of Nano-Particles from SEM Images Using Transfer Learning and Modified U-Net	2025	International Journal of Advanced Computer Science and Applications	16	1	662	677
130	F., Firdaus, Feris; P., SETYONO, PRABANG; E., Gravitiani, Evi; E., Liquiddanu, Eko	Key Drivers and Barriers to Circular Economy Practices in the Global Textile and Fashion Industries: Sustainable Strategies for the Indonesian Batik Industry	2025	International Journal of Sustainable Development and Planning	20	1	327	346
131	S., Hlatshwayo, Sphamandla; N.E., Thembane, Nokukhanya E.; S.B.N., Krishna, Suresh Babu Naidu; N., Gqaleni, Nceba; M., Ngcobo, Mlungisi	Extraction and Processing of Bioactive Phytoconstituents from Widely Used South African Medicinal Plants for the Preparation of Effective Traditional Herbal Medicine Products: A Narrative Review	2025	Plants	14	2		
132	P., Sankar, Pramod; M.S., Ravi	Behavioural study of FLGQ and Country burnt clay	2025	Revista Materia	29	4		

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133	S., Antony Jose, Subin; M., John, Merbin; M., Misra, Manoranjan; P.L., L Menezes, Pradeep Lancy	Peening Techniques for Mitigating Chlorine-Induced Stress Corrosion Cracking of Dry Storage Canisters for Nuclear Applications	2025	Materials	18	2		
134	R., Anu, R.; P., Deepa, P.	Diverse Linguistic Portrayals: Analyzing Character Dialogue in Chitra Banerjee Divakaruni's Two Novels	2025	Journal of Language Teaching and Research	16	1	61	70
135	G., Gopika Rajan, Gopika; R.S., Ganesh, R. S.	Efficient Data Security Using Differential Expansion & Metamorphic Cryptography	2025	Tehnicki Vjesnik	32	1	182	189
136	K.A.Y., Dhas, Kingston Albert Y.; S., Jerine, S.	MANET routing with deep maxout-based energy prediction using optimisation	2025	International Journal of Bio-Inspired Computation	25	1	32	42
137	D.U., S, Deebu U.; S.T., K, Sreeja T.	Enhanced Brain Tumor Detection from Microwave Imaging with Hybrid Inception-CNN and UWB Circular Monopole Patch Antenna	2025	International Journal of Intelligent Engineering and Systems	18	1	1216	1237

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138	L.G., Robin, Lalu Gladson; K., Raghukandan, Krishnamurthy; S., Saravanan, S.	Optimizing explosive welding parameters of Al 5052 - WM - SiCp - Al 1100 composites through microstructural analysis and 3D welding window development	2025	Welding International	39	1	9	22
139	C.G., Manojkrishnan, C. G.; A., G, Arun	A study on environmental prosocial attitudes to green consumption values, openness to green communication, and its relationship with buying behavior	2025	Cogent Business and Management	12	1		
140	R., Anu, R.; P., Deepa, P.	Exploring Mythical Realism and Diasporic Identity in The Mistress of Spices: A Multifaceted Analysis	2025	World Journal of English Language	15	1	374	383
141	S.L., Jenish, S. L.; S., Valanarasu, Santiyagu; I., Loyola Poul Raj, I.; A.V., Juliet, A. Vimala; R.S., Rimal Isaac, R. S.; V., Ganesh, Vanga	Boosting the optoelectronic properties of V2O5 thin films by Fe3+ doping for photodetector applications	2025	Optical Materials	158			
142	R., Somasundaram, Raja; R.S., Rimal Isaac, R. S.; D.,	Agro-waste of Senna alata (L.) Roxb. stem: a sustainable biofiber material for lightweight	2025	Cellulose	32	1	383	412

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	Divya, Divakaran; S., Indran, Suyambulingam; S., Siengchin, Suchart; M., Murugan, Manavalan	composites and diverse applications						
143	S., Savita, Sandhya; A., Fatima, Aysha; P., Bhattacharya, Prabuddha; A.K.A., Saral, Abdul Kadar Avuliya; N., Haq, Nazrul; S., Muthu, S.; B.L., Sahu, Bharat Lal; N., Siddiqui, Nazia; S., Javed, Saleem	Spectroscopic, quantum computational, molecular dynamic simulations, and molecular docking investigation of the biologically important compound-2,6-diaminopyridine	2025	Spectroscopy Letters	58	2	195	213
144	R., Akram, Raisul; A.W.P., Buis, Arjan W.P.; M., Sultana, Marufa; J.A., Lauer, Jeremy Addison; A.D., Alec Morton, Alec Dean	Mapping gaps and exploring impairment and disability prevalence in South Asian (SAARC) countries: a scoping review	2025	Disability and Rehabilitation: Assistive Technology	20	4	1013	1026
145	S., Sathish Kumar, S.; S., Valanarasu, Santiyagu; A.V., Juliet, A. Vimala;	Effect of coating temperature on the properties of CdS thin films coated by nebulizer spray	2025	Journal of Photochemistry and Photobiology A: Chemistry	458			

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146	M., Chithambarathanu, M.; D.M., Dr M.K.Jeyakumar	Crop disease detection via ensembled-deep-learning paradigm and ABC Coyote pack optimization algorithm (ABC-CPOA)	2025	Multimedia Tools and Applications	84	1	37	62
147	L.V., Nair, Lekshmi V.; S.A., Jerome, S. Albert	Optimized pixel level image fusion for lung cancer detection over MRI and pet image	2025	Multimedia Tools and Applications	84	3	1489	1511
148	B., Devi, Bhagyashri; M.M.S.J., Preetha, M. Mary Synthuja Jain	Facial emotion recognition using convolutional neural network based krill head optimisation	2025	Expert Systems	42	1		
149	S.L., S R, Suresh Lal; G.M., Joselin Herbert, G. M.; P., Arjunan, Pradeep; A., Suryan, Abhilash	Advancements in renewable energy transition in India: A review	2025	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	47	2		
150	V.G., Veena, V. G.; J.R., Jeba, J. R.	Densecap-Net: A Hybrid DenseNet “121 and Capsule Network Architecture for Offline Signature Verification	2025	International Journal of Intelligent Engineering and Systems	18	7	491	513
151	T.M., Namitha, T. M.; R.S., Vinod	Innovative Deep Learning Strategies: EfficientNet	2025	International Journal of	18	7	473	490

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152	L., Sannasi, Lenin; R., Rajarethinam, Roselin	Mechanical Behaviour Of Concrete Slabs Reinforced With Steel And Glass Fibre-Reinforced Polymer Bars Under Static And Cyclic Loading; Primerjava Statičnega In Dinamičnega Mehanskega Obnaã Anja Z Jeklom Armiranih Betonskih Ploã Å In Polimernih Ploã Å Ojačanih S Steklenimi Vlakni	2025	Materiali in Tehnologije	59	4	543	551
153	L., Dhanya, L.; R., Chitra, R.; A.M., Bamini, A. M.Anusha	Hybrid Deep-Learning Approach with Transformer Integration for Unknown Malware Detection in IoT Environments	2025	Journal of Sensor Science and Technology	34	4	289	296
154	B., Jacob, Bilga; R.S., Vinod Kumar, R. S.; S.S., Kumar, S. S.	Augmented self attention network for liver tumour segmentation of CT images	2025	Automatika	66	4	714	731
155	S.S., Pillai, Saritha Sadanandan; R.S., Rimal Isaac, R. S.	Comparative analysis of phytochemical constituents and antioxidant activities in leaf extracts of	2025	Medicinal Plants - International Journal of Phytomedicines	17	2	368	378

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156	A., Hussain, A.; N., Mojgani, Naheed; S.M.A., Shah, Syed Muhammad Ali; N., Kousar, Nazia; S.A., Ali, Syed Abid	The emerging role of probiotics in the management and treatment of diabetic foot ulcer: a comprehensive review	2025	AIMS Microbiology	11	3	649	678
157	J.P., Thomas, Jain Prabhu; K., Asha, K.; G.M., Shaju, G. M.; D., Anto Pravin Singh, D.; R., Melba Kani, R.	Enhancing organizational dynamics: the impact of emotional intelligence on managerial performance and employee engagement in Tamil Nadu's banking industry	2025	International Journal of Occupational Safety and Ergonomics				
158	S., Lenin, Sannasi; R., Roselin, R.	Fresh properties and strength characteristics of ambient geopolymer concrete with ground granulated blast furnace slag	2025	Revista Materia	30			
159	A.P., Bose, Anitha P.; N., Santhi, N.	Hybrid PNN-PPN 10 T SRAM and LCTS for Leakage Reduction in VLSI	2025	IETE Journal of Research				
160	M.S.K., Hemanth, M. Sunil Kumar; J., Edwin Raja Dhas, John	Development of eco-friendly brake pads using oil residue materials: Assessment of mechanical	2025	Global Nest Journal	27	6		

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162	A.S., Sabeena, A. S.; D.M., Jeyakumar, Dr M.K.	An Ensemble Learning Approach Using Deep Learning Models For Diabetic Retinopathy Severity Classification	2025	Biomedical Materials and Devices				
163	B.R., Rajakumar, Balaji Rajaguru; S.A., Shanthi, S. Amala	Feature Generation-Based Fingerprint Liveness Detection: A Novel Multimodal Approach	2025	IEEE Access	13		114128	114144
164	D.N., Mottammal, Drisya N.; J., Cherusseri, Jayesh; S.A., Thomas, Susmi Anna; R.S., Rimal Isaac, R. S.; D.N., Rajendran, Deepthi Narayanan; M., Choi, Myong-yong	Toward Doping in Graphitic Carbon Nitride: Progress and Perspectives on Catalytic Hydrogen Production	2025	Advanced Materials Technologies				
165	Y., Z R, Yesuraj; R., Retnamony, Rajesh	Efficient Hybrid LSO-QNN Approach for Power Quality Improvement in Smart Grids Using	2025	IETE Journal of Research				

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167	C., Christin Sherly, Christin; U.S., K, Uma Samundesvari	An Introduction to 2-Domination Integrity of Graphs	2025	IAENG International Journal of Applied Mathematics	55	6	1640	1645
168	A., Kj, Arun; M., Muthukrishnan, Meena; T., Kumar, Tamilarasi; T., Senthil Muthu Kumar, Thiagamani; H.A., Fouad, Hassan A.;	Green synthesis of spinel ferrite as a filler in PVC matrix: Enhancing structural, optical, and thermal properties	2025	Journal of Thermoplastic Composite Materials				

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170	J., Ma, Junjie; F., Yang, Fang; R., Yang, Rong; Y., Li, Yuan; Y., Chen, Yongjing	Interpretable deep learning for gastric cancer detection: a fusion of AI architectures and explainability analysis	2025	Frontiers in Immunology	16			
171	J., Stephan, Jose; M.K., Jayakumar, Muthayyan Kamalam	Enhancing Indian Language Speech Recognition Systems with Language-Independent Phonetic Script: An Experimental Exploration	2025	Journal of Computer Science	21	5	1176	1186
172	R., Kishor, R.; R.S.V., Kumar, Reman Sarath Vinod; A.R., Bushara, A. R.; D., Shahi, D.	Improved colon cancer diagnosis with a dilated residual SqueezeNet architecture: a deep learning approach	2025	Iran Journal of Computer Science				
173	S., Maheshwari, Sumit; C.K., Jaggi, Chandra K.; P., Gautam, Perna	A state-of-the-art review of green supply chain management: observations and business insights	2025	Annals of Operations Research				

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175	V., Raveendran, Vysakh; G.R., Rajendran, Ganapathi Raman; D., Makuni, Dinesh; N., Puzhakkal, Niyas	Streamlining the radiotherapy practice through multidisciplinary peer review rounds: An initial 4-year experience from an Indian radiotherapy department	2025	Indian Journal of Cancer	62	1	89	95
176	S., Thambirajan, Sharmi; D., Kinslin, D.	Conceptual study on e-banking systems and customer satisfaction using deep learning and blockchain	2025	International Journal of Knowledge Management Studies	16	1	77	94
177	S., Subha, S.; K., U, Kumaran	Optimized fuzzy c-means clustering for liver segmentation using Jaccard-interpolated tuna swarm algorithm	2025	International Journal of Advanced Technology and Engineering Exploration	12	125	613	627
178	P., Muthunayagam, Prince; A.C., Subhajini, A. C.	A Stacked GRU-LSTM Framework for Improved Emotion Detection in EEG Data with Feature Optimization	2025	International Journal of Intelligent Engineering and Systems	18	5	265	283
179	R., Chourasiya, Rupesh; S.,	Examining the success possibility of sustainable	2025	Environment, Development and				

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180	B., Ben Sujitha, Ben; M.M., Hassan, Mohamed Mahmoud; A., Appathurai, Ahilan; R., Ram Sanjay, R.; S., Selvi, S.; B.P., Mishra, Bajarang Prasad	ID-KOS Method: Image Defogging via Kookaburra Optimized Stationary Wavelet Decomposition Method	2025	IETE Journal of Research				
181	X., Agnes Pravina, X.; R., Radhika, R.	Analysing the factors influencing preferences for fish consumption	2025	International Journal of Process Management and Benchmarking	20	2	222	242
182	V.L., Nisha, V. L.; D., Menaka, D.	Detection of covid- 19 on GGO segmented CT image using stacking-based ensemble deep learning	2025	Multimedia Tools and Applications				
183	C.O., Clinto, C. O.; B., Bindhu, B.	Assessment of Dosimetric Uncertainties in Liver Stereotactic Body Radiation Therapy using kilo-voltage Cone-Beam CT	2025	Iranian Journal of Medical Physics	22	1	14	18

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185	T., Fasira, T.; S., Jerine, S.	A Hybrid Deep Learning Approach for Thyroid Disease Diagnosis Using 1D CNN And Transformers	2025	International Journal of Intelligent Engineering and Systems	18	4	763	782
186	K.S., Mahendra, K. S.; D., Kinslin, D.; K.A., Janardhanan, K. A.; D., Deekshith, D.	Navigating Challenges in Engineering Education: A Comprehensive Examination of Kerala's Landscape and Policy Interventions	2025	Indian Journal of Information Sources and Services	15	1	74	82
187	A.M., Rasheed, Abdul Muhammed; R.M.S., Kumar, Retnaswami Mathusoothana Satheesh	Efficient lightweight cryptographic solutions for enhancing data security in healthcare systems based on IoT	2025	Frontiers in Computer Science	7			
188	V.I., Roy, V. I.; K.A., Janardhanan, K. A.	Effect of Teachers Job Satisfaction and Self-Efficacy Performance in Engineering Colleges – A Study with Reference to Engineering Colleges in Ernakulam City	2025	Indian Journal of Information Sources and Services	15	1	60	67

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190	N.V., Deepak Nandan, N. V.; M., Sulaipher, M.	Retention of Secondary School Teachers in Maldives	2025	Indian Journal of Information Sources and Services	15	1	115	123
191	K.S., Mahendra, K. S.; D., Kinslin, D.; K.A., Janardhanan, K. A.; D., Deekshith, D.	Bridging the Divide: Analyzing the Gap Between Engineering Education and Industry Institute Interaction in Kerala	2025	Indian Journal of Information Sources and Services	15	1	33	41
192	R.S., Vinod Kumar, R. S.; A.R., Bushara, A. R.; K.M., Abubeker, K. M.; K.M., Smitha, K. M.; M.A., Abini, M. A.; J., Mammoo, Jubaira; B., Paul, Bijesh	EXPLAINABLE ARTIFICIAL INTELLIGENCE FOR DETECTING LUNG CANCER; WYJAŚNIALNA SZTUCZNA INTELIGENCJA DO WYKRYWANIA RAKA PŁ• UC	2025	Informatyka, Automatyka, Pomiary w Gospodarce i Ochronie Środowiska	15	1	125	130
193	F., Beevi, Fathima; N., Santhi, N.; N., Ramasamy, N.	Stroke Lesion Prediction by Bille-Viper-Segmentation with Tandem-MU-net Model	2025	Advanced Ultrasound in Diagnosis and Therapy	9	1	65	78

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195	A., V.s, Akash; E.R.D., J, Edwin Raja Dhas; S.J., Retnam, Stanly Jones; M., Dev Anand, M.	Wear characterization of rare earth-based metal matrix composites reinforced with alumina and SiCp particles	2025	Aircraft Engineering and Aerospace Technology				
196	M., Bilal, Muhammed; S., Pasha, Shiraz; S., Kumar, Senthil; S., Arif, Salma; S., Taj, Shareen; A., Saleem, Afreen	Evaluation of apical seal and tubular penetration of a novel bioactive glass sealer, bioceramic sealer and resinâ€‘based sealer: an In-Vitro study	2025	Endodontics Today	23	1	39	45
197	R., P.S., Rohini; Sowmy I	Improved bounding box segmentation technique for crowd anomaly detection with optimal trained convolutional neural network	2025	Network: Computation in Neural Systems				
198	S., Divya, S.; B.B., Sujitha, Bulla Ben	Deep Learning-Driven Detection of Terrorism Threats from Tweets Using DistilBERT and DNN	2025	International Journal of Advanced Computer Science and Applications	16	2	758	772

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200	F.J., Xavier, Felix Joseph; M., VijayaKumar, Maithili; P., Sujatha Therese, P.; P.J., Shermila, P. Josephin; M., Eugene Prince, M.; T., Maris Murugan, T.	BREAKTHROUGH IN BRAIN TUMOR DIAGNOSIS: A CUTTING-EDGE HYBRID DEPTHWISE-DIRECT ACYCLIC GRAPH NETWORK FOR MRI IMAGE CLASSIFICATION	2024	Journal of Applied Engineering and Technological Science	6	1	730	740
201	J.P., James, Jithu P.; L.M., Jose, Lolly Maria; D., Rani S, Deepa; S., Kumar S, Santhosh; R.S., Rimal Isaac, R. S.; D., Sajan, D.; A., Aravind, Arun	Surfactant-Free, Simple Hydrothermal Synthesis of Morphologically Porous, Three-Dimensional SnS ₂ Nanomaterial as Long term Stable Electrode for Supercapacitor Application	2024	ChemistrySelect	9	45		
202	R.B., Yasin, Redwan Bin; N.H.A., Rahman,	GUARDIAN'S RESPONSIBILITY FOR THE WELFARE OF	2024	Malaysian Journal of Syariah and Law	12	3	778	789

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204	M.J., Bosco, M. John; M.C., Mabel, M. Carolin; M.M.S., Jain Preetha, M. Mary Synthuja	An Extended Cross Diagonal View Network Topology for a PV System of Non-Square Dimension under Shading Conditions to Yield Maximal Power	2024	Journal of New Materials for Electrochemical Systems	27	4	291	300
205	R.S., Rajan, Reena S.; H., Vennila, Ha	Optimizing Retinal Surgery: Reinforcement Learning for Enhanced Microscope-Assisted Robotics	2024	SSRG International Journal of Electrical and Electronics Engineering	11	12	361	374
206	A.M., Linchu, A. M.; B., Ben Sujitha, Ben	Revolutionizing Bone Fracture Diagnosis: A Deep Learning Approach to X-Ray Image Analysis	2024	SSRG International Journal of Electronics and Communication Engineering	11	12	219	229
207	A., Susanty, Aries; N.B., Puspitasari, Nia Budi; S.D., Mariana, Shinta Devi; M., Fekete-	Mapping the barrier of halal food industry performance and the policy insight: Combination of ISM-DEMATEL approach	2024	Engineering Management in Production and Services	16	4	69	95

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209	Z., Ananth Angel, Z.; S.S., Kumar, S. S.	Efficient Hybrid Electric Vehicle Power Management: Dual Battery Energy Storage Empowered by Bidirectional DC-DC Converter	2024	Energy Storage	6	8		
210	M.B., Uddin, Mohammad Borhan; P.K., Praseetha, Prabhakaran Kala; R., Ahmed, Rony; M.M., Shaheen, Mir Md; F.C., Kaouche, Farah Chafika; R.D., Bairagi, Rahul Dev; M.M., Jawi, Motasim M.; H.M.,	Identification of natural compounds as potential antiviral drug candidates against Hepatitis E virus through molecular docking and dynamics simulations	2024	Journal of the Indian Chemical Society	101	12		

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211	R., Sumethra, R.; T., Jayakumari, T.; N., Anuradha, Narayanamoorthi; K., Ravichandran, K.; M., Varshini, Mahendran; M., Ayyanar, M.; P.K., Praseetha, Prabhakaran Kala	Effect of nanocomposite partnering of g-C3N4 with Morinda pubescens leaf extract mediated Sr doped Ni/NiO on the photocatalytic dye detoxification: Confirmation by seed germination test	2024	Diamond and Related Materials	150			
212	V., Sharma, Vaibhav; S.K., Dash, Subhakanta K.; P., Gupta, Piyush	Comprehensive Review of Fly Ash: Environmental Impact and Applications	2024	Environmental Quality Management	34	2		
213	Y., Zhou, Yue; X., Chen, Xiaojuan; X., Huang, Xiaobo; L., Li, Lele; Y., Zhu, Yan; Q., Cai, Qi; Y., Song, Yu; Z., Sun, Zhimin; P., Lu, Peirong	Prevalence and association of uncorrected refractive error among Chinese adolescents: a cross-sectional study	2024	BMC Public Health	24	1		
214	P.K., Praseetha, Prabhakaran Kala;	Green synthesis of highly fluorescent carbon	2024	Scientific Reports	14	1		

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215	B., Binoy, Binny; S.R., Pillai, Subramania R.	Applied Communication in Classrooms: Tips for Teachers to Enhance English Communication among Tribal Learners in India	2024	Studies in Media and Communication	12	4	154	163
216	S., Priyadharshini, Saravanan; S., Jasmine Jecintha Kay, S.; M., Ayyanar, M.; C., Jenipher, Christopher; T., Arun, Thirumurugan; R.S., Rimal Isaac, R. S.; N., Chidhambaram, Natarajan	A cleaner and multifunctional Citrus limonium-assisted ZnO/MgO nanocomposite synthesis: Extensive investigations on antibacterial, antioxidant, and antidiabetic applications	2024	Materials Today Communications	41			

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217	I.J., Solomon, I. John; J., Srinivas, J.; S.J., Leon, S. John; A., Ramesh, Ajith; I.J., Rohith, I. J.; T.S., Senthil, Thengiri Subbulakshmi	Mechanical and microstructural investigation of multi-layered Inconel 825 wall fabricated using CMT-based WAAM	2024	Journal of Alloys and Metallurgical Systems	8			
218	P., Aswin, Peringayi; P.P., Neethu, Padinjare Purayil; H., Hsu, Hsiuling; L., Selva Roselin, L.; S., Balamurugan, Sarkarainadar; R., Selvin, Rosilda; A., Sakthivel, Ayyamperumal	Ni-Fe-based silicate-intercalated hydrotalcite: A potential catalyst for hexanol conversion	2024	Journal of the Taiwan Institute of Chemical Engineers	165			
219	J., Kunjumon, Jibi; J., Alex, Javeesh; D., Prashant Hanamantrao, Desai; R., Anjana, Radhakrishnan; A., Joseph, Aruna; W., Akram, Wasim; R.S., Rimal Isaac, R. S.; K., VEDIAPPAN,	Magnetic, electrochemical properties and probable mechanism of charge storage in the pristine and Cr-doped CeO ₂	2024	Inorganic Chemistry Communications	170			

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	Kumaran; A., Aravind, Arun; T.S., Maity, Tuhin S.							
220	S.S.D., Kumar, Siga Selvin Deva; R., Resselian, Rajesh; M., Dev Anand, M.; Y., Thooyavan, Yesudhasan; B., Joseph Selvi, Binoj	Optimization of fiber content, length and its effect on overall properties of Licuala grandis leaf stalk fiber/polyester reinforced bio-composites	2024	Journal of Polymer Science	62	23	5265	5276
221	L.K., Sivanandam, Lokesh Koumar; H., Arunkumar, H.; P., Marlecha, Pranay; V., Madamanchi, Varsha; C., Maheshwari, Chanchal; M.Q., Naseer, Mohammed Quader; V., Sanker, Vivek; T., Dave, Tirth	Indoxacarb poisoning causing methemoglobinemia treated with parenteral vitamin C: a case report	2024	Journal of Medical Case Reports	18	1		
222	M.S., Khan, Mohd Shahid; N., Jahan, Noor; R., Khatoon, Razia; F.M.,	An Update on Diabetic Foot Ulcer and Its Management Modalities	2024	Indian Journal of Microbiology	64	4	1401	1415

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223	K.A., Dhas y, Kingston Albert; S., Jerine, S.	Data aggregation and routing in Mobile Ad hoc network: Introduction to Self-Adaptive Tasmanian Devil Optimization	2024	Web Intelligence	22	4	501	521
224	A.S., Vasu, Abhilash S.; T.K., Sreeja, T. K.; N.R., Lakshmi, N. R.	Nanocomposite filled slots that enhance radiation of flexible nonagon antenna	2024	Microelectronic Engineering	294			
225	R.S.S., Raja S, Raja Soma Sundaram; P., Senthamaraikanna n, P.; S., Indran, Suyambulingam; M., Kanthababu, M.; G.M., Madhu, Gattumane Motappa; S., Siengchin, Suchart	Greening the composite industry: Evaluating Lantana camara Verbenaceae fiber as a promising substitute for lightweight polymer matrix composites	2024	Industrial Crops and Products	220			
226	A., Sumithra, Alagarsamy; N., Vijayalakshmi, N.; A., Appathurai, Ahilan; A., Salinda Eveline Suniram, A.	SOFTWARE COST EFFORT AND TIME ESTIMATION USING DRAGONFLY WHALE LION OPTIMIZED DEEP NEURAL NETWORK	2024	Revue Roumaine des Sciences Techniques Serie Electrotechnique et Energetique	69	4	431	436

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227	K., Jasna, K.; S., Albert Jerome, S.	Optimized DL Approach for Microcalcification Analysis in Digital Breast Tomosynthesis	2024	SSRG International Journal of Electrical and Electronics Engineering	11	11	409	423
228	S., Cherukat, Shoukath; J., Benita, J.	Energy-Aware Task Offloading in Massive IoT Edge Network Using Optimized Convolutional Neural Network	2024	SSRG International Journal of Electrical and Electronics Engineering	11	11	424	437
229	R.I., Arathi Chandran, R. I.; V.M.A., Mary Amala Bai, V. Mary Amala	Optimizing Breast Cancer Recurrence Forecasting Using ANOVA Feature Selection and GRU Models	2024	SSRG International Journal of Electronics and Communication Engineering	11	11	213	227
230	S., Thota, Swapna; D., Menaka, D.	Attention-Based BI-LSTM Model to Detect Botnet Attacks over Internet of Things (IoT) Environments	2024	SSRG International Journal of Electronics and Communication Engineering	11	11	118	132
231	S.A., Priya, S. A.; V.M.A., Amala Bai, Vargheese Mary Amala	Variable Kernel Feature Fusion and Transfer Learning for Pap Smear Image-Based Cervical Cancer Classification	2024	SSRG International Journal of Electronics and Communication Engineering	11	11	228	243

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232	A., Jeevan, Aiswarya; S.A., Shanthi, S. Amala	Beyond Static: A Satellite Image Change Detection Using Absolute Convolutional Prior Fusion (AC-PF) Approach	2024	SSRG International Journal of Electronics and Communication Engineering	11	11	272	285
233	A.I., Mujeebudheen Khan, A. I.; K.S., Sankar, K. Siva	Energy Distribution Based Dual Image Data Hiding with Weightage Mapping of Secret Data	2024	SSRG International Journal of Electronics and Communication Engineering	11	11	244	256
234	A., Ananthan, Aswathy; Y.S., Jose, Yesudhas Stalin	Smart Flow Management: Mitigating Flood Risks through Effective Reservoir Operations	2024	SSRG International Journal of Civil Engineering	11	11	133	144
235	D.S., Nair, Deepthy S.; M.B., Mol, M. Beena	Improving Structural Resilience in Earthquake-Prone Areas through Seismic Retrofitting Strategies	2024	SSRG International Journal of Civil Engineering	11	11	106	122
236	E.A., Elkhawass, Elham A.; N., Wahab, Noorul; M.S., Toss, Michael S.; I.M., Miligy, Islam M.; S., Ghanaam, Suzan; S., Makhlouf, Shorouk; N.M.,	Characterization of Breast Cancer Intra-Tumor Heterogeneity Using Artificial Intelligence	2024	Cancers	16	22		

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237	M., Mujeeb, Manisha; M., Murugan, Manavalan; J.P., Khalid, Jabir Padathpeedika; I., Ryntathiang, Iadalin; M., Moovendhan, Meivelu; M.K.D., Jothinathan, Mukesh Kumar Dharmalingam	The Effect of Fish Amino Acid on Germination and Growth of Green Gram (Vigna radiata)	2024	Tropical Journal of Natural Product Research	8	10	8774	8778
238	R.C., Shaniga, R. Catherine; M., Ilankumaran, M.	Challenges Faced By English Language Teachers In The Classrooms: An Overview On Modern Scenario	2024	Journal of Applied Bioanalysis	10	3	10	15
239	A., Vimal, A.; R., Subramania Pillai, Ramachandran	Portrayal of Indian Contemporary Society in Chetan Bhagat's Five Point Someone and One Night @ the Call Center: A Comparative Analysis	2024	Journal of Language Teaching and Research	15	6	1775	1781

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240	R.K., Karne, Radha Krishna; T.K., Sreeja, T. K.	Efficient Cluster-Based Routing Protocol for VANET Traffic Forecasting with Hybrid Optimization Algorithm	2024	Journal of Information Science and Engineering	40	6	1393	1407
241	S.K., Karunakaran, Sunil Kumar; N., Ramasamy, N.; M., Dev Anand, M.	A Review Study on Advancements in Reverse Supply Chain Management for Industrial Waste Management Process	2024	International Journal of Supply and Operations Management	11	4	483	501
242	S., Sathish Kumar, S.; S., Valanarasu, Santiyagu; R.S., Rimal Isaac, R. S.; A.V., Juliet, A. Vimala; V., Ganesh, Vanga	Effect of substrate temperature on In ₂ S ₃ thin films using nebulizer spray pyrolysis method for photodetector applications	2024	Physica Scripta	99	11		
243	A.M., Vijay, Aromal M.; T., Kavinkumar, Thangavelu; S., Gobalakrishnan, S.; N., Chidhambaram, Natarajan; P., Asaithambi, Perumal; R., Srinivasan, R.; T., Arun, Thirumurugan	Designing multifunctional Nb ₂ O ₅ rods with ZnO modified g-C ₃ N ₄ hybrid material for energy storage and hydrogen evolution	2024	Applied Physics A: Materials Science and Processing	130	11		

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244	E., Balestrin, Evandro; R.D.C.S., Valle, Rita De Cássia S.C.; S.M.A.G.U., de Souza, Selene Maria Arruda Guelli Ulson; J.A., Valle, J. A.B.; A.C., da Silva, A. C.	Performance analysis of photocatalytic reactor with immobilized catalyst for emerging pollutants water treatment using cfd simulation and optimization method	2024	Chemical Engineering and Processing - Process Intensification	205			
245	R.J., Parvathy, R. J.; D.N., Rajendran, Deepthi Narayanan; M.B., Buchi Suresh, Madireddy Buchi; R.S., Rimal Isaac, R. S.	Low temperature processing and characterization of novel ceria based electrolyte composition $Ce_{0.8-x}Gd_{0.1}Bi_{0.1}Ti_xO_2$ ($x = 0.05, 0.1$) for intermediate temperature SOFC application	2024	Applied Physics A: Materials Science and Processing	130	11		
246	T., Naveena, T.; S., Jerine, S.	Effective skin cancer prediction using hybrid Xception and XGBoost approach tuned by honey badger optimization	2024	Multimedia Tools and Applications	83	36	83889	83916

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247	A.M., Vijay, Aromal M.; S., Gobalakrishnan, S.; N., Chidhambaram, Natarajan; P., Asaithambi, Perumal; T., Kavinkumar, Thangavelu; T., Arun, Thirumurugan	Zinc oxide-modified graphitic carbon nitride nanosheets as stable electrode material for supercapacitor applications	2024	MRS Advances	9	15	1183	1187
248	R., Ajith Raj, R.; P.K., Balguri, Praveen Kumar; M., Dev Anand, M.; C.K., Akhil, C. K.; A.K., Darwins, A. K.; R., Belchada, Rajesh	Fabrication and Flow Simulation of a Choked Flow Converging Nozzle	2024	International Journal of Vehicle Structures and Systems	16	3	356	359
249	M., Bakhtierkhalzi, Md; M.T., Islam, Md Tariqul; K.S., Asnaf, Kh Shahriar; A.M., Parvej, Abdul Mojid; M.R.I., Sarker, Md Rabiul Islam	Comparative performance investigation of conventional and modified stepped basin pyramid solar still with improved insulation: Experimental evaluation	2024	Desalination	587			
250	R.G., Raman, R. Ganapathi; M., Muhammed Shameem, M.; P., Kavitha, P.; C., Sankar, C.; S.R.,	ZnZrO ₂ -adorned graphitic carbon nitride (g-C ₃ N ₄) on a laser-induced graphene electrode as an electrochemical sensor for the detection of	2024	New Journal of Chemistry	48	44	18931	18942

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251	B.N., Ravi Kumar, B. N.; N.C., Gowda, Naveen Chandra; B.J., Ambika, B. J.; H.N., Veena, H. N.; B., Ben Sujitha, Ben; D., Roja Ramani, D.	An Efficient Breast Cancer Detection Using Machine Learning Classification Models	2024	International Journal of Online and Biomedical Engineering	20	13	24	40
252	A., Vimal, A.; R., Subramania Pillai, Ramachandran	Decoding Linguistic Dynamics: An Analysis of Chetan Bhagat's Select Novels	2024	Theory and Practice in Language Studies	14	10	3018	3027
253	P.K., Praseetha, Prabhakaran Kala; L., Gangadhar, Lekshmi; S., Subburaj, Saranyadevi; S., Subburaj, Saranyadevi; M.K.D., Jothinathan, Mukesh Kumar Dharmalingam; A.F., Mushrifa, A. Fathima	BIOSURFACTANT-MEDIATED SYNTHESIS OF GRAPHENE FLAKES FROM GRAPHITE FOR MICROBICIDAL ACTIVITY	2024	Rasayan Journal of Chemistry	17	4	1699	1708

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255	S., A.r, Shahina; I., Sowmy, I.	Advanced Hybrid Method for Precise Identification and Categorization of Brain Stroke from CT Images	2024	SSRG International Journal of Electronics and Communication Engineering	11	10	135	148
256	O.M., Ali, Obed M.; A.S., Mohammed, Ahmed S.; K.H., Razeg, Khalid H.	Experimental investigation of developed solar still using vertical backside wick with circulation tactics	2024	Desalination and Water Treatment	320			
257	A.S., Ayswer, A. S.; N., Ramasamy, N.; M., Dev Anand, M.; N., Santhi, N.	Analysing the Performance Indicators in SME Using ISM - MICMAC Approach	2024	Journal of The Institution of Engineers (India): Series C	105	5	987	996
258	X., Agnes Pravina, X.; R., Radhika, R.	Analysing the Factors Influencing the Inclusive Development of Fisher Folk Concerning Southern Districts of Tamil Nadu	2024	Journal of Information and Knowledge Management	23	5		
259	P.C.C., Sijithra, Ponnarassery Chandran C.; N., Santhi, N.	Case Study on Analysing the Early Disease Detection of Pancreatic Ductal Adenocarcinoma in Korean Association for Clinical Oncology	2024	American Journal of Clinical Oncology: Cancer Clinical Trials	47	10	475	484

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261	Y., Lins Joy, Y.; S., Jerine, S.	Prediction of skin diseases using grab cut based segmentation with hybrid SCH feature extraction and optimized RBFN algorithm	2024	Biomedical Signal Processing and Control	96			
262	M., Sundararajan, M.; P.A., Udhaya, P. Aji; S., Baskar, Siva; M., Ubaidullah, Mohd; M.K., Gupta, Manish K.; S., Yuvaraj, S.; C.S., Dash, Chandra Sekhar; K., Kaur, Kirtanjot; A., Manohar, Ala; R.S., Rimal Isaac, R. S.	Structural, Magnetic, Morphology, Optical, and Vibrational Properties of In Substituted La ₂ CuO ₄ Nanoparticles	2024	Journal of Superconductivity and Novel Magnetism	37	08-Oct	1529	1540
263	I., Loyola Poul Raj, I.; S., Valanarasu, Santiyagu; A.V., Juliet, A. Vimala;	Boosting the UV photo-detecting properties of V ₂ O ₅ thin films by doping In ³⁺ doping	2024	Optics and Laser Technology	177			

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265	R., Dinesh, R.; S.J., Retnam, Stanly Jones; M., Dev Anand, M.; J., Edwin Raja Dhas, John	Effects of hydrogen and chicken waste blends in the internal combustion engines for superior engine performance and emission characteristics assisted with graphite oxide	2024	Aircraft Engineering and Aerospace Technology	96	8	1099	1107
266	A., Agarwal, Alpana; K., Kapoor, Komal; S.K., Walia, Sandeep Kumar	Modelling the barriers to blockchain implementation in human resource function	2024	International Journal of Quality and Reliability Management	41	8	2075	2094
267	A.S., Ayswer, A. S.; N., Ramasamy, N.; M., Dev Anand, M.; N., Santhi, N.	Prioritizing Key Performance Indicators for the Mining Industry in Kerala: An AHP Approach	2024	Management and Production Engineering Review	15	3	1	14
268	P.N., Praveen, P. N.; D., Menaka, D.	ANN Optimized DA-STs Under Partial Shading Conditions	2024	SSRG International Journal of	11	9	47	55

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270	C.S., Parvathy, C. S.; J.P., Jayan, J. P.	Automatic Lung Cancer Detection Using Computed Tomography Based on Chan Vese Segmentation and SENET	2024	Optical Memory and Neural Networks (Information Optics)	33	3	339	354
271	V., Jayaram, V.; B.R., Bavanish, B. Retnam; M., Fahad, Mohammed; A., Hafiz, Azeem; N.A., Salam, Niaz Abdul	Performance Evaluation of a Mini“Vertical Axis Cross Flow Helical Turbine Meant for Energy Extraction from Dam“™s Tailrace	2024	International Journal of Renewable Energy Research	14	3	516	525
272	S., Asvitha Valli, Sankaranarayanan ; R.M.S., Kumar, Ravi M.S.	Effectiveness of Xanthan Gum-based composite in repairing cracks in reinforced concrete structures	2024	Materials Research Express	11	9		
273	L., Shaji, Lijin; R., Suji Pramila, R.	Meta-heuristic-based hybrid deep learning model for vulnerability detection	2024	Journal of Combinatorial Optimization	48	2		

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275	A.K.K., Thottathil, Abdul Kader Kottampara; K.S., Sankar, K. Siva	Multiple Branch Deep Neural Network and Feature Fusion Model for Underwater Image Enhancement	2024	Journal of Advanced Research in Applied Sciences and Engineering Technology	39	2	37	52
276	S., Vidhya, S.; Y., Subramanian, Yathavan; K., Durgadevi, K.; V.C., Bharath Sabarish, V. C.; A., Durairajan, A.; M.P.F., Graña, Manuel Pedro F.; J., Gajendiran, J.; A.K., Azad, A. K.; S., Gokul Raj, S.; G., Ramesh Kumar, G.	Influence of graphitic phase on the structural, optical, electrical and photocatalytic properties of BiFeO ₃ /KNbO ₃ based binary nanocomposites	2024	Ceramics International	50	17	29097	29107
277	D., Vanathi, D.; A., Kannan, Anusha; A., Appathurai,	Software cost and effort estimation using dragonfly whale optimized multilayer	2024	Alexandria Engineering Journal	103		30	37

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279	R., Gopalakrishnan, Rajasree; R.M.S., Kumar, R. Mathusoothana S.	Cloud Security System for ECG Transmission and Monitoring Based on Chaotic Logistic Maps	2024	Journal of Advanced Research in Applied Sciences and Engineering Technology	39	2	1	18
280	T., Naveena, T.; S., Jerine, S.	DOTHE based image enhancement and segmentation using U-Net for effective prediction of human skin cancer	2024	Multimedia Tools and Applications	83	30	75147	75169
281	J., Anish, J.; G.M., Joselin Herbert, G. M.; K., Balaji, K.	Improvement in aerodynamic efficiency of trainer aircraft wing using co flow jet method	2024	Aerospace Systems	7	3	559	564
282	V.T., Hoang, Van Tho; D., Lee, Daesung; J., Kweon, Jin-hwe; B., Kwak,	Multifunctional heating film as susceptor for induction-welded single-lap carbon fiber reinforced polyetherketoneketone	2024	Journal of Reinforced Plastics and Composites	43	17-18	980	994

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284	J., Jose, Jisha; J.E., Judith, J. E.	Deep Learning Model with Normalized Bayesian Optimizer for Anomaly Classification in IoT Security	2024	SSRG International Journal of Electronics and Communication Engineering	11	8	185	199
285	N., Shan, N.; V., Amsaveni, V.	Optimized Schizophrenia Detection via EEG: A CNN-LSTM and CNN-GRU Ensemble with SVM	2024	SSRG International Journal of Electronics and Communication Engineering	11	8	269	281
286	S., Jacob, Shajan; D.M., Jeyakumar, Dr M.K.	Smart Insights on the Move: Deep Convolution Neural Network and Segmentation for License Plate Recognition	2024	SSRG International Journal of Electronics and Communication Engineering	11	8	172	184
287	P., Chathampally, Pramod; V.M.A., Mary Amala Bai, V. Mary Amala	Beyond Pixels: Exploring Deep Learning Methods for Image Forgery Detection	2024	SSRG International Journal of Electronics and	11	8	227	243

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289	M.F., Beevi, M. Fathima; N., Santhi, N.; N., Ramasamy, N.	Smart Sight: Intelligent Vision for Stroke Lesion Detection and Classification	2024	SSRG International Journal of Electronics and Communication Engineering	11	8	98	110
290	R., Thomas, Roshy; J.R., Jeba, J. R.	Revolutionizing E-Commerce: A Deep Learning-Based Sentiment-Driven Recommendation System	2024	SSRG International Journal of Electronics and Communication Engineering	11	8	111	122
291	P.K., Praseetha, Prabhakaran Kala; P., Alexander, Princy; L., Gangadhar, Lekshmi; S., Subburaj, Saranyadevi; D.J.M., Kumar, D. J.Mukesh; S.,	Biocompatible nanocomposite for scaffolds in tissue engineering: A breakthrough discovery for regenerative therapy	2024	Polymers for Advanced Technologies	35	8		

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293	H., Mohamadou, Hassimi; S.R., Tagne, Simon Richard; L., Lienou, Landry; P.H., Kada, P. H.; E.E.L., Embolo, E. E.L.; K.G., Nganwa, K. G.; O.J.L., Essame,	Ethnopharmacological Investigation of Plants Used in the Treatment of Breast Cancer in Northern Cameroon	2024	Journal of Herbal Medicine	46			

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	Oyono J.L.; D.P.M., Jazet, D. P.M.							
294	N.S., George, Nithya S.; S.R., Ali, Syeda Ramsha; R., Babu, Ragavendra; L.M., Jose, Lolly Maria; R., Jayavel, R.; K.C., Sanal, K. C.; H., M P, Harikrishnan; R.S., Rimal Isaac, R. S.; D., Sajan, D.; A., Aravind, Arun	Hydrothermally grown hollandite manganese dioxide nanorods: evaluation of supercapattery performance and photocatalytic efficiency	2024	Ionics	30	8	4931	4949
295	P., Norton, Paul; P., Trus, Pavlos; F., Wang, Fengyi; M.J., Thornton, M. Julie; C.Y., Chang, Chien Yi	Understanding and treating diabetic foot ulcers: Insights into the role of cutaneous microbiota and innovative therapies	2024	Skin Health and Disease	4	4		
296	S., Mohanakannan, S.; A.N., Balaji, A. Neelaram; J., Swaminathan, Jayaraman	Investigation of mechanical, thermal, and chemical properties of raw and NaOH-treated bagasse/halfa grass/coir fiber	2024	Biomass Conversion and Biorefinery	14	15	18357	18366
297	A., Sudha, A.; I., Manimehan, I.; R., Shalini, Rajagopal;	Assessment of de-toxicity of treated dye solution via seed germination test:	2024	Materials Science in Semiconductor Processing	178			

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	M., Varshini, Mahendran; K., Ravichandran, K.; M., Ayyanar, M.; P.K., Praseetha, Prabhakaran Kala; D., Saravanakkumar, D.	Photocatalytic treatment by Morinda citrifolia leaf extract mediated ZnO:Mo/g-C3N4 nanocomposite						
298	T., Hameed, Thushara; S., AmalaShanthi, S.	A novel teeth segmentation on three-dimensional dental model using adaptive enhanced googlenet classifier	2024	Multimedia Tools and Applications	83	26	68547	68568
299	S.S., Kumar, S. S.; V.K., R.s, Vinod Kumar	Literature survey on deep learning methods for liver segmentation from CT images: a comprehensive review	2024	Multimedia Tools and Applications	83	28	71833	71862
300	N.M., Thomas, Neetha Merin; S.A., Jerome, S. Albert	Diabetic retinopathy detection using ensembled transfer learning based thrice CNN with SVM classifier	2024	Multimedia Tools and Applications	83	27	70089	70115
301	S., Dogmechi, Sina; Z., Torabi, Zeinab; N., Daneshpour, Negin	An outlier detection method based on the hidden Markov model and copula for wireless sensor networks	2024	Wireless Networks	30	6	4797	4810

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302	R.C., Mehta, Rakhab C.	Numerical Simulation of Shock Wave Turbulent Boundary Layer Interaction over Flat Plate at Mach 6	2024	Journal of The Institution of Engineers (India): Series C	105	4	911	920
303	F.J., Guvin Felcida, Francis Joice; P., Deepa, P.	An Analytical Study on Developing Language Skills among L2 Learners Through Digital Teaching and Learning	2024	Traduction et Langues	23	1	88	107
304	T., Bandoophanit, Thianthip	Holistic implementations of green supply chain management practices in Thai entrepreneurial ventures	2024	Journal of Small Business and Enterprise Development	31	4	742	763
305	K., Balkumar, Kartik; V.V., Gedam, Vidyadhar V.; M., Himateja, Mudunuri; S.P., Anbuudayasankar, S. P.; M.S., Narassima, Madhavarao Seshadri; K., Ganesh, K.; M., Dwarakanath, M.; S., Pazhani, Subramanian	Prevalence and future trend in green supply chain management (GSCM): a systematic literature review	2024	Benchmarking	31	6	2002	2033
306	R.C., Shaniga, R. Catherine; M.,	Innovative Methods and Approaches of Teaching	2024	World Journal of English	14	4	569	578

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	Ilankumaran, M.	English as a Second Language: An Overview		Language				
307	X., Agnes Pravina, X.; R., Radhika, R.; R.R., Palappan, R. Ramesh	Financial Inclusiveness and Literacy Awareness of Fisherfolk in Kanyakumari District: An Empirical Study	2024	Indian Journal of Information Sources and Services	14	3	265	269
308	C.S., Simson, C. S.; D., Kinslin, D.	Harnessing Emotional Intelligence: Enhancing Employee Performance in Kerala's Retail Textile Industry	2024	Indian Journal of Information Sources and Services	14	3	86	92
309	A.S., Favas, A. S.; B.R., Bavanish, B. Retnam	Nanoindentation and mechanical characteristics of TiO2/polypropylene polymer nanocomposite	2024	Digest Journal of Nanomaterials and Biostructures	19	3	1255	1263
310	D., Manoharan Sudha, Divya; R., Subramania Pillai, Ramachandran	Cultural Historical Activity Theory: A Conceptual Framework for Analysing Post-Method Pedagogy	2024	Traduction et Langues	23	1	222	236
311	A., Jasni, A.; I., Sowmy, I.	HR-NET: Revolutionizing Diabetic Retinopathy Diagnosis with High-Resolution Analysis	2024	SSRG International Journal of Electronics and Communication Engineering	11	7	65	76
312	H., Lakshmi, Haveli	Demand Side Management Using a Novel Nature-Inspired Pelican Optimization Algorithm in a Smart Grid Environment	2024	SSRG International Journal of Electrical and Electronics Engineering	11	7	238	246

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313	C.K., Sreeja, C. K.; V.N., Meena Devi, V. N.; M.K., Aneesh, Mangalasseril Kuriakose; K.S., Sreekanth, Kavitha S.	A digital volume pulse deviceâ€”finger photo pulse plethysmography to trace the vascular integrity amongst the low back pain subjects with lumbar disc degenerative diseases diagnosed by MRI analysis	2024	Radiation Protection Dosimetry	200	11-Dec	1163	1166
314	P.K., Praseetha, Prabhakaran Kala; S., Vijayakumar, Suburamaniyan; E., Vidhya, Elavarasan; M.A., Wadaan, Mohammad Ahmad; R., Mythili, Raja; S., Prathipkumar, Subramaniyan	Poly-vinyl-pyrrolidone capped luminescent zinc oxide nanocomposites as excellent tools for germicidal and photo-catalytic performances	2024	Luminescence	39	7		
315	R.D., Rishma, R. Daffiny; J.C.R., Gill, J. Chriso Ricky	Eco Criticism: Exploring the Interplay between Literature and Environment	2024	World Journal of English Language	14	4	563	568
316	N.R., Lakshmi, N. R.; T.K., Sreeja, T. K.	Thin Film Nanocomposite Enhancing Electromagnetic Radiation of a Flexible Radiator	2024	Russian Physics Journal	67	7	966	972
317	C.K., Sreeja, C. K.; V.N., Meena Devi, V. N.; M.K.,	Analysis of Finger Photo Pulse Plethysmography and Body Composition	2024	Research Journal of Biotechnology	19	7	84	90

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	Aneesh, Mangalasseril Kuriakose	among Low Back Pain Subjects with Lumbar Disc Degenerative Diseases Diagnosed by MRI Analysis						
318	R., Boothalingam, Rajakumar; A.S., S, Amala Shanthi	Deep insights on processing strata, features and detectors for fingerprint and iris liveness detection techniques	2024	Multimedia Tools and Applications	83	23	63795	63846
319	P., Lathika, P.; D., Sheeba Singh, D.	Hybrid dynamic arithmetic city council optimization for improved rainfall prediction	2024	International Journal of System Assurance Engineering and Management	15	7	3182	3192
320	K., Ravichandran, K.; R., Shalini, Rajagopal; P., Kavitha, Pazhanisamy; P.K., Praseetha, Prabhakaran Kala; S., Subramanian, Sriram; A., Viji, Arangarajan; V., Sivaranjani, V.	Earthworm excrete derived-enzyme enriched SnO ₂ /g-C ₃ N ₄ nanocomposite for near complete decomposition of toxic dye molecules	2024	Materials Chemistry and Physics	320			
321	A., Babu, Anu; S.A., Jerome, S. Albert	ICMFKC with optimize XGBoost classification for breast cancer image screening and detection	2024	Multimedia Tools and Applications	83	24	65469	65496

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322	F., Urbinati, Facundo; L., Jim�nez-Siles, Laura; C., Rocha�de�Los sada, Carlos; G., Valvecchia, Gerardo; E., Barraquer-Compte, E.; J., Fern�ndez P�rez, Joaqu�n	Humanitarian missions and visual outcomes in cataract surgery: A literature review; Misiones humanitarias y resultado visual en cirug�a de cataratas: revisi�n de la literatura	2024	Archivos de la Sociedad Espanola de Oftalmologia	99	7	288	295
323	P., Preeda, P.; R.G., Raman, R. Ganapathi; P., Sakthivel, P.; T., Arun, Thirumurugan; S., Suresh, Sagadevan	A facile growth, optical behavior of organic nonlinear optical crystal: 4-bromo-2-methylbenzonitrile	2024	MRS Advances	9	9	614	621
324	R., Govindan, Rajivgandhi; C., Gnanasekaran, Chackaravarthi; G., Ramachandran, Govindan; M., Maruthupandy, Muthuchamy; F., Quero, Franck; A., Jothi,	Anti-quorum Sensing and Anti-biofilm Effect of Nocardiosis synnemataformans RMN 4 (MN061002) Compound 2,6-Di-tert-butyl, 1,4-Benzoquinone Against Biofilm-Producing Bacteria	2024	Applied Biochemistry and Biotechnology	196	7	3914	3948

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325	A.K., Darwins, A. K.; K.A.S., Lewise, K. Anton Savio; M., Fahad, Mohammed; M., Satheesh, M.; J.E., Raja Dhas, John Edwin; A., Vivek Anand, A.	Parametric optimization of friction stir welding of ZE42 using NSGA-II	2024	International Journal on Interactive Design and Manufacturing	18	5	3193	3205
326	A.K., Darwins, A. K.; M., Satheesh, M.; J.E., Raja Dhas, John Edwin; K.A.S., Lewise, K. Anton Savio; R., Ajith Raj, R.; B., Manideep, B.	Parametric optimization of friction stir welded ZE42 rare earth alloys using grasshopper modelling technique	2024	International Journal on Interactive Design and Manufacturing	18	5	2843	2854
327	T., Mahala, Trinath; N., Sharma, Naveen	Experimental investigations of a novel solar still with heat storage	2024	Desalination	578			

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328	C., Edwin Singh, C.; S., Sharon Priya, Sharon; B., Muthu Kumar, B.; K., Saravanan, K.; A., Neelima, A.; B., Gireesha, B.	Trust aware fuzzy clustering based reliable routing in Manet	2024	Measurement: Sensors	33			
329	S., Shams, Shamsiya; B., Bindhu, B.	Recent Advancements in Hybrid Two Dimensional Materials for Energy Applications	2024	ES Energy and Environment	24			
330	R., Anjana, Radhakrishnan; P.M., Anjana, P. M.; J., Alex, Javeesh; R.S., Rimal Isaac, R. S.; R.S.S., Hussain, R. S.Shamima; D., Sajan, D.	Investigations on supercapacitor performance of novel ZnO-CeO ₂ -rGO nanohybrid prepared via hydrothermal method for energy storage applications and their charge storage mechanism	2024	Diamond and Related Materials	146			
331	J.P.A., Jose, J. Prakash Arul; I.J., Mol, I. Jessy; K.B., Jiju, K. Bravilin; M., Dharsana, Mohandhas	Applications of Nano-Banana Peel Bio-Coagulant for the Treatment of Kuzhithurai River Water	2024	Water Resources	51	3	344	354

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332	M., Liow, Minying; E.S., Chan, Eng Seng; W., Ng, Weizhe; C.P., Song, Cher Pin	Enhancing efficiency of ultrasound-assisted biodiesel production catalyzed by Eversa® Transform 2.0 at low lipase concentration: Enzyme characterization and process optimization	2024	International Journal of Biological Macromolecules	271			
333	S.A., Ashika, Sureshkumar Anitha; S., Balamurugan, Sarkarainadar; S., Fathima, Sana	Phase evolution of nanocrystalline Mn-based oxides screened under different calcination temperatures using different precursors for proficient application in near infrared pigmentation	2024	Advanced Powder Technology	35	6		
334	A.S., Ayswer, A. S.; N., Ramasamy, N.; M., Dev Anand, M.; N., Santhi, N.	Analysing the Performance of a Manufacturing Firm Using Hierarchical Approach	2024	Journal of The Institution of Engineers (India): Series C	105	3	417	426
335	R.S., Orfali, Raha Saud; S., Ghaffar, Safina; L., AlAjlan, Lateefa; S., Perveen, Shagufta; E.A., al-Turki, Eman A.; F., Ameen, Fuad	Diabetes-related lower limb wounds: Antibiotic susceptibility pattern and biofilm formation	2024	Saudi Pharmaceutical Journal	32	6		
336	P., Lathika, P.; D., Sheeba Singh, D.	Stochastic Bayesian approach and CTSA based	2024	Modeling Earth Systems and	10	3	3219	3228

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		rainfall prediction in Indian states		Environment				
337	A., Soman, Anila; R., Sarath, R.	Optimization-enabled deep convolutional neural network with multiple features for cardiac arrhythmia classification using ECG signals	2024	Biomedical Signal Processing and Control	92			
338	C.S., Parvathy, C. S.; J.P., Jayan, J. P.	Lung cancer prediction in chest CT using an active contour based segmentation and 3DCNN	2024	Multimedia Tools and Applications	83	21	60493	60517
339	P.N., Praveen, P. N.; D., Menaka, D.	A dual-axis solar tracking system with minimized tracking error through optimization technique	2024	Multimedia Tools and Applications	83	20	58891	58914
340	R., Kishor, R.; R.S., Vinod Kumar, R. S.	CoC-ResNet - classification of colorectal cancer on histopathologic images using residual networks	2024	Multimedia Tools and Applications	83	19	56965	56989
341	R., Anu, R.; P., Deepa, P.	Navigating the Labyrinth of Indian Cultural Tapestry and Societal Norms: An In-Depth Analysis of Chitra Banerjee Divakaruni's Literary Canon	2024	Theory and Practice in Language Studies	14	5	1537	1544
342	A., Vimal, A.; R., Subramania Pillai, Ramachandran	Examining Sociocultural Dimensions of Metropolitan Youth Culture	2024	Theory and Practice in Language	14	5	1299	1307

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		in Chetan Bhagat's Five Point Someone		Studies				
343	R.D., Navaneethan, Renuga Devi; N.C., Packia Lekshmi, N. C.J.; M., Ramaiah, Mariselvam; R., Ravindran, Rajeswari; T., Ananth Kumar, T.; C., Arunachalam, C.; S., Ali Alharbi, Sulaiman; A., Sivagnanam, Ananthi; P.K.M., Mohemedibrahim, Ponnani Kaja Mideen	Caralluma pauciflora based Ag-NPs activate ROS - induced apoptosis through down-regulation of AKT, mTOR and pi3K signaling in human gastric cancer (AGS) cells	2024	Nanotechnology	35	19		
344	K.P., Sheena, K. P.; K., Umadevi, K.	Simple Fair Power Allocation for NOMA-Based Visible Light Communication Systems using Fuzzy Order Homomorphism on L-Fuzzy Sets	2024	SSRG International Journal of Electronics and Communication Engineering	11	5	253	261
345	G., Ramanan, G.; R.R., Neela Rajan, R. R.; S.M.,	Effect of Al7075 and activated carbon reinforced composite on optimizing	2024	Materials Research Express	11	5		

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	Suresh, S. Maskibail; J., Cho, Jaehyuk; V.E., Sathishkumar, Veerappampalaya m Easwaramoorthy	WEDM responses						
346	F.A., Popoola, Felix Adegoke; O.B., Isola, Oladotun Bamiji; O.D., Fakeye, Oluseye Daniel; T.A., Owolabi, Tunde Ayobami; M.E., Sanyaolu, Modupe Eunice; S.I., Owoyemi, Sheu Isiaq; I.O., Elijah, Isaac Oluwafemi	Examination of Medicinal Plants for Radionuclide Absorption and their Health Implications	2024	Pollution	10	2	700	711
347	M., Varshini, Mahendran; K., Ravichandran, K.; P., Kala Praseetha, Prabhakaran; M., Ayyanar, M.; S., Jothi Ramalingam, Sivanesan; A., Viji,	Effective composite partnering of green synthesized rGO with SnO2:Ce: An eco-friendly approach using Cassia fistula fruit pulp for photocatalytic and biomedical applications	2024	Ceramics International	50	9	14253	14267

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	Arangarajan; R., Manimekalai, Ramadoss							
348	S.L., Shabana Sulthana, S. L.; M., Sucharitha, M.	Speckle noise reduction in US images: Enhanced filtering with optimal filter coefficients	2024	International Journal of Wavelets, Multiresolution and Information Processing	22	3		
349	A.J., Dickson, A. Joel; J., Arul Linsely, J.; V., Antony Asir Daniel, V.; K., Rahul, Kumar	Sparse deep belief network coupled with extended local fuzzy active contour model-based liver cancer segmentation from abdomen CT images	2024	Medical and Biological Engineering and Computing	62	5	1361	1374
350	A.S., Sabeena, A. S.; D.M., Jeyakumar, Dr M.K.	GD-STFA: Gradient Descent Sea Turtle Foraging Algorithm enabled Deep Q Network for Diabetic Retinopathy Detection	2024	Multimedia Tools and Applications	83	18	53817	53836
351	P.S., Bindhya, P. S.; R., Chitra, R.; V.S., Bibin Raj, V. S.	Microaneurysms detection using fundus images based on deep convolutional neural network enabled fractional hunter osprey optimization	2024	Multimedia Tools and Applications	83	17	51397	51422
352	B.S., Sujithra, B. S.; S.A., Jerome,	Identification of glaucoma in fundus images utilizing	2024	Multimedia Tools and Applications	83	16	49301	49319

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	S. Albert	gray wolf optimization with deep convolutional neural network-based resnet50 model						
353	E.M., Bearly, E. Mary; R., Chitra, R.	Automatic drowsiness detection for preventing road accidents via 3dgan and three-level attention	2024	Multimedia Tools and Applications	83	16	48261	48274
354	J., Johnson, Jyothi; R., Chitra, R.	Multimodal biometric identification based on overlapped fingerprints, palm prints, and finger knuckles using BM-KMA and CS-RBFNN techniques in forensic applications	2024	Visual Computer	40	5	3217	3231
355	G.M., Bai, G. Mercy; P., Venkadesh, P.	Optimized Deep Neuro-Fuzzy Network with MapReduce Architecture for Acute Lymphoblastic Leukemia Classification and Severity Analysis	2024	International Journal of Image and Graphics	24	3		
356	M., Bhavisha, Meloth; S., Balamurugan, Sarkarainadar; C.S., Gopinath, Chinnakonda S.; A., Sakthivel, Ayyamperumal	The ex situ exsolved Ni-Ru alloy from nickel-ruthenium co-doped SrFeO ₃ δ perovskite as a potential catalyst for CO ₂ reduction 00000000 00000000 00000000 11111111 00000000 11111111	2024	Sustainable Energy and Fuels	8	13	2839	2849

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357	S.S., Nair, Sneha S.; V.N., Meena Devi, V. N.; S., Bhasi, Saju	Enhanced lung cancer detection: Integrating improved random walker segmentation with artificial neural network and random forest classifier	2024	Heliyon	10	7		
358	A.H., Elsheikh, Ammar H.; K.A., Hammoodi, Karrar A.; A.M.M., Ibrahim, Ahmed Mohamed Mahmoud; A.H.I., Mourad, Abdel Hamid I.; M., Fujii, Manabu; W., Abd-Elaziem, Walaa	Augmentation and evaluation of solar still performance: A comprehensive review	2024	Desalination	574			
359	S., Sarika, S.; S., Anitha Janet Mary, S.	DFIG in Wind Energy Applications with High Order Sliding Mode Observer-based Fault-Tolerant Control Scheme using Sea Gull Optimization	2024	International Journal of Electrical and Electronics Research	12	2	352	358
360	S.M., Dhanapalan, Sreeja Mallika; N., Nalanth, N.	Exploring Sustainable Concrete: Banana Peel Additives And Optimized	2024	Environmental Engineering and Management	23	4	715	727

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		Mix Ratios For Enhanced Durability And Strength		Journal				
361	A., Retnakaran, Anju; F.M.A., Gaffoor, Faisal M.A.; R., Gopakumar, Rethi; C.S., Girish, C. Sabari; N.C., Sajeena, N. C.; N.G., Krishna, N. Gokul	Comparative Evaluation of Efficiency of Different Endodontic File Systems; Protaper Universal, MTWO, Protaper Next, Trunatomy, I-Race in Terms of Remaining Dentin Thickness: An In vitro CBCT Analysis	2024	Journal of Pharmacy and Bioallied Sciences	16	Suppl 2	S1409	S1413
362	S., Sonisha, S.; F.M.A., Gaffoor, Faisal M.A.; R., Gopakumar, Rethi; C.S., Girish, C. Sabari; R., Mohan, Remya; V.N., Anoop, V. N.	Comparative Evaluation of Residual Antibacterial Substantivity of Chlorhexidine, MTAD and Chitosan Against Enterococcus Faecalis in Human Root Dentin - An In vitro Study	2024	Journal of Pharmacy and Bioallied Sciences	16	Suppl 2	S1400	S1403
363	R., Rajendran, Ratheesh; D.P., Antonys, Delphine P.; N., Faizal, Noushin; S., Oommen, Sajna; G., Vijayasree, G.; M.P., Ashik, Mohammed P.	Comparative Evaluation of Remineralizing Potential of Topical Cream Containing Casein Phosphopeptide- Amorphous Calcium Phosphate and Casein Phosphopeptide- Amorphous Calcium Phosphate with Fluoride: An In Vitro Study	2024	Journal of Pharmacy and Bioallied Sciences	16	Suppl 2	S1801	S1804

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364	R., Sankar, Raji; T.M., Sharmila, T. M.	3-Phenoxybenzaldehyde and Glycine-Derived Schiff base M(II) Complexes: Synthesis, molecular Modeling, spectroscopic Exploration, and antimicrobial evaluation	2024	Inorganic Chemistry Communications	162			
365	A.G., Hoek, Anna G.; E., Dal Canto, Elisa; E., Wenker, Eva; N.R., Bindran, Navin R.; M.L., Handoko, Martin Louis; P.J., Elders, Petra J.M.; J.W.J., Beulens, Joline W.J.	Epidemiology of heart failure in diabetes: a disease in disguise	2024	Diabetologia	67	4	574	601
366	A., Michael, Arun; E.R., John, Edwin Rajadhas	Thermo-Mechanical, Tribological and Microstructural Properties of Aluminium AA8011/B4C/Graphene Based Hybrid Composites	2024	Transactions of the Indian Institute of Metals	77	4	1217	1228
367	B., Nisha, B.; M., Victor Jose, M.	DTMF: Decision-based Trimmed Multimode approach Filter for denoising MRI images	2024	Soft Computing	28	07-Aug	6327	6342
368	D.S., Nair, Deepthy S.; M.B.,	Enhancing seismic performance prediction of	2024	Multimedia Tools and Applications	83	14	42285	42318

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369	N.M., Thomas, Neetha Merin; S.A., Jerome, S. Albert	Eisoc with ifodpso and dcnn classifier for diabetic retinopathy recognition system	2024	Multimedia Tools and Applications	83	14	42561	42583
370	B.S., Sujithra, B. S.; S.A., Jerome, S. Albert	Glaucoma detect±on and class±f±cat±on by us±ng hysteres±s threshold±ng based IAOAWTO and ICNNBTL class±f±er	2024	Multimedia Tools and Applications	83	14	42519	42544
371	N., Daniel, Neenu; A., Anitha, A.	Analysing texture, color and spatial features for face spoof detection with hybrid classification model	2024	Multimedia Tools and Applications	83	13	37713	37741
372	A., Anu Kuttan, A.; R., Rajesh, R.; M., Dev Anand, M.	Employing Aluminum Matrix Composite for Stir Casting Process for Investigating the Performance of A1-6061	2024	Journal of The Institution of Engineers (India): Series D	105	1	395	403
373	B.S., Farzana, B. S.; M., Rakesh Babu, M.	Resistance to Search for Identity: Womenâ€™s Predicament in Anita Nairâ€™s Ladies Coupâ€™	2024	IUP Journal of English Studies	19	1	67	74
374	A.P., Bose, Anitha P.; N., Santhi, N.	Efficient Leakage Reduction Approach for Low Power VLSI Design Using Modified Feedback Sleeper Stack Technique	2024	SSRG International Journal of Electronics and Communication Engineering	11	3	1	11

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375	R., Jansi, R.; M.S., Revathy, M. S.; S., Vinoth, S.; R.S., Rimal Isaac, R. S.; I.M., Ashraf, I. M.; M., Shkir, Mohd	High-performance ammonia gas sensor based on spray pyrolysis developed In ₂ O ₃ :La films	2024	Physica Scripta	99	3		
376	B.V., Vibala, B. V.; P.K., Praseetha, Prabhakaran Kala; S., Vijayakumar, Suburamaniyan	Phytochemical stimulants for cancer therapeutics from Garcinia gummi-gutta: A prime research report	2024	Gene Reports	34			
377	Z.B., Nasohah, Zaini Bin	Dynamics of Islamic Family Law in Facing Current Challenges in Southeast Asia	2024	Samarah	8	1	1	19
378	S., Muthulakshmi, S.; R., Chitra, R.	Interplanetary file system and blockchain for secured smart grid networks	2024	Journal of Supercomputing	80	5	5900	5922
379	L., Dhanya, L.; R., Chitra, R.	A novel autoencoder based feature independent GA optimised XGBoost classifier for IoMT malware detection	2024	Expert Systems with Applications	237			
380	N.M., Thomas, Neetha Merin; S.A., Jerome, S. Albert	Diabetic retinopathy detection using EADBSC and improved dilated ensemble CNN-based classification	2024	Multimedia Tools and Applications	83	11	33573	33595
381	K., Vijila Rani, K.; M., Eugene Prince,	Content-based medical image retrieval using	2024	Multimedia Tools and Applications	83	9	27217	27242

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	M.; P., Sujatha Therese, P.; P.J., Shermila, P. Josephin; E., Anna Devi, E.	fractional Hartley transform with hybrid features						
382	S., Parashar, Sudhanshu; S., Bhattacharya, Sujoy; R., Titiyal, Rohit; D., Guha Roy, Diya	Assessing environmental performance of service supply chain using fuzzy TOPSIS method	2024	Health Services and Outcomes Research Methodology	24	1	46	72
383	G., Cp, Gayathry	A structural equation modeling examining the influence of body mass index on the lipid profile of type II diabetes patients	2024	Nutrition and Health	30	1	121	127
384	P., Mohanakrishnan, Pallath; K., Suthendran, K.; A., Pradeep, Arun; K., Anish Pon Yamini, K.	RETRACTED ARTICLE: Synthetic aperture radar image despeckling based on modified convolution neural network(Applied Geomatics, (2022), 16,(3), (1-12), 10.1007/s12518- 022-00420-8)	2024	Applied Geomatics	16	1	313	
385	N., Meena Zenith, N.; R., Radhika, R.	Examining the impact of social media advertising using ANOVA analysis	2024	Concurrency and Computation: Practice and Experience	36	5		
386	R.S.S., Raja S, Raja Soma	Enhancing properties and sustainability: Surface	2024	Polymer Composites	45	3	2809	2824

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	Sundaram; S., Meena, S.; P., Ananchaperumal, Premkumar; S., Indran, Suyambulingam; S., Siengchin, Suchart	modified Cymbopogon flexuosus stem fiber for green composite materials						
387	L., Suresh Babu, Laxmi; M.J., Pillai, M. Janarthanan	Impact of Demographic and Work-Related Variables on Job Engagement of Dental Faculty Members of Kerala, India	2024	Journal of Pharmacy and Bioallied Sciences	16		S733	S735
388	R., Ajith Raj, R.; M., Fahad, Mohammed; M., Dev Anand, M.; A.H.P., Ajmal, Azeem Hafiz Parayil; N.A., Salam, Niaz Abdul; V., Jayaram, V.	Investigation of Intermetallic Compound Formation in Dissimilar Metal Welds between Copper and Stainless Steel using Gas Tungsten Arc Welding	2024	Journal of Advanced Research in Applied Mechanics	114	1	163	172
389	M., Fahad, Mohammed; B.B., Retnam, Bavanish Balac; K.A.S., Lewise, K. Anton Savio; R., Ajith Raj, R.; V.,	Preparation And Characterization of Nano Lanthanum Dioxide Fortified with Magnesium Alloy	2024	Journal of Advanced Research in Applied Mechanics	114	1	173	181

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390	S., Santhosh, S.; N., Sugitha, Nadeson	Prediction of Crime Rate in Diverse Environs Using Hybrid Classifier	2024	SSRG International Journal of Electronics and Communication Engineering	11	2	80	91
391	V., Parameswaran Nampoothiri, V.; N., Sugitha, Nadeson	Analysis of Copy Move Forgery Detection Process by Applying Fuzzy C Means Algorithm Based on Deep Learning in Digital Image Processing	2024	SSRG International Journal of Electronics and Communication Engineering	11	2	50	59
392	P., Rajalekshmi, P.; J.P.A., Jose, J. Prakash Arul	Impact of Coconut Husk Microcrystalline Cellulose on the Properties of Geopolymer Lightweight Concrete	2024	BioResources	19	1	1365	1376
393	S.K., Shiji, S. K.; S.H., Krishnaveni, S. H.; L.P., Suresh, L. Padma	Re-construction of original face images from plastic surgery images using harmony search algorithm and IRBFN model	2024	Measurement: Sensors	31			
394	S., Suvathi, S.; K., Ravichandran, K.; K., Marimuthu, Karunakaran; P.K., Praseetha, Prabhakaran Kala;	Biowastes-derived enzyme-powered zinc oxide and titanium oxide nanomaterials synthesis for anticancer and eco-friendly photocatalytic	2024	Applied Materials Today	36			

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	M., Ayyanar, M.; S., Gobalakrishnan, S.	activity						
395	R.N., Govindan, Rajivgandhi Nadar; C., Kanisha Chelliah, Chenthis; G., Ramachandran, Govindan; G., Chackaravarthi, Gnanasekaran; M., Narayanan, Mohankumar; M., Maruthupandy, Muthuchamy; F., Quero, Franck; A., Arunachalam, Arulraj; R.V., Mangalaraja, Ramalinga Viswanathan; J.M.A., Khaled, Jamal Mohammed A.	Time dependent inhibition of Morinda citrifolia essential oils against multi drug resistant bacteria and A549 lung cancer cells	2024	Journal of King Saud University - Science	36	2		
396	J., Zahariah, Jenner; T.P.V., Symon, Tibbie Pon V.A.	A novel binary knowledge sharing optimizer based type 2 fuzzy for enhancing power quality	2024	International Journal of Information Technology (Singapore)	16	2	1087	1094

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397	L.R., Monisha Miriam, L. R.; A.J., Kings, Ajith J.; R., Edwin Raj, R.; J.B., Marshel, Jain B.; R.S., Rimal Isaac, R. S.; A., Saravanan, A.; L.J., Ashwand Jesvil, L. J.; A.N., Rajan, Anujith N.	Synthesis of biodiesel from an unique potential oil reserve Delonix regia using a novel biocatalyst bamboo stem – A comparative study by RSM and ANN	2024	Industrial Crops and Products	208			
398	F., Sammy, F.; S., Maria Celestin Vigila, S.	Anomaly Detection in Cloud Using Hexabullus Optimisation-Enabled Fuzzy Classifier with Smart Contract-Enabled Secure Communication	2024	Journal of Information and Knowledge Management	23	1		
399	S., Salim, Samla; R., Sarath, R.	Breast Cancer Detection And Classification Using Histopathological Images Based On Optimization-Enabled Deep Learning	2024	Biomedical Engineering - Applications, Basis and Communications	36	1		
400	S., Nizarudeen, Shanu; R.S., Ganesh, R. S.	Comparative analysis of ResNet, ResNet-SE, and attention-based RaNet for hemorrhage classification in CT images using deep learning	2024	Biomedical Signal Processing and Control	88			
401	B.S., Sujithra, B. S.; S., Albert	Adaptive cluster-based superpixel segmentation	2024	Signal, Image and Video	18	1	465	474

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	Jerome, S.	and BMWMMBO-based DCNN classification for glaucoma detection		Processing				
402	S., Roy, Supriyo; R.P., Mohanty, Rajendra Prasad	Green logistics operations and its impact on supply chain sustainability: An empirical study	2024	Business Strategy and the Environment	33	2	1447	1476
403	S.T.A., Jebaraj, S. Tennison Augustine; N., Ramasamy, N.; M., Dev Anand, M.; N., Santhi, N.	Parametric analysis of non-linear suspension system by optimal MR damper by rider model with sensor	2024	Asian Journal of Civil Engineering	25	2	1413	1425
404	K.V., Shiny, K. V.	Brain Tumor Segmentation And Classification Using Optimized U-Net	2024	Journal of Mechanics in Medicine and Biology	24	1		
405	T., Jayakumar, Thirunavukkarasu; V.V., Soonan, Vijaitha V.; V.R., Thankamany, Vijitha Raj; J.J., Benoy, Jesnu Jose	Nasalance, Nasal Airflow and Perceived Nasality in Carnatic Singers and Non-singers	2024	Indian Journal of Otolaryngology and Head and Neck Surgery	76	1	5	18
406	P.G., John, Pv George; M., Edwin Sahayaraj, M.; J.T., Winowlin Jappes, Jebbas Thangiah; S.J., Leon, S. John	Corrosion characteristics of microwave and furnace annealed electroless Ni-P-TiO ₂ coatings	2024	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	238	4	1149	1156

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407	A., Saravanan, A.; A.J., Kings, Ajith J.; L.R.M., Jonisha Miriam, L. R.Monisha; R.S., Rimal Isaac, R. S.	RSM-based comparative experimental study of sustainable biodiesel synthesis from different 2G feedstocks using magnetic nanocatalyst CaFe ₂ O ₄	2024	Environment, Development and Sustainability	26	2	3097	3126
408	A.R., Bushara, A. R.; R.S., Vinod Kumar, R. S.; S.S., Kumar, S. S.	Classification of Benign and Malignancy in Lung Cancer Using Capsule Networks with Dynamic Routing Algorithm on Computed Tomography Images	2024	Journal of Artificial Intelligence and Technology	4	1	40	48
409	M., V.M, Manju; R.S., Ganesh, R. S.	Advanced multiuser detector in massive MIMO using reproducing kernel Hilbert space by modified crow search algorithm	2024	International Journal of Bio-Inspired Computation	22	4	206	216
410	S., Sowmiya, S.; D., Menaka, D.	Comparative Analysis of Various Hybrid Neural Network Models to Determine Human Activities using Inertial Measurement Units	2024	International Journal of Intelligent Systems and Applications in Engineering	12	12s	585	599
411	A.P., John, Anu P.; V.P., Velmurugan, V. P.	Optimizing employee performance through E-HRM: Insights from its organizations in Trivandrum	2024	Edelweiss Applied Science and Technology	8	6	5606	5617

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412	A.S., Afna, A. S.; K.A., Janardhanan, K. A.	Talent acquisition and its role in enhancing employee satisfaction and retention in star-rated hotels	2024	Edelweiss Applied Science and Technology	8	6	5590	5605
413	P., Pramod, P.; D., Kinslin, D.	Occupational safety and health issues among workers engaged in unorganized sectors of Kerala	2024	Edelweiss Applied Science and Technology	8	6	5631	5646
414	S., Rahman, Sherin; R., Jinu, R.	Empowering deaf and hard-of-hearing undergraduates: Innovative ESL teaching strategies	2024	Edelweiss Applied Science and Technology	8	6	5693	5706
415	N.K., Ajith, N. K.; V.P., Velmurugan, V. P.	Unveiling the dynamics of rooftop solar entrepreneurship among micro-scale prosumers in Kerala	2024	Edelweiss Applied Science and Technology	8	6	5537	5550
416	V.G., Jisha, V. G.; J., Chriso Ricky Gill, J.	The shape-shifting figure of Odiyan in select works: A new venture	2024	Edelweiss Applied Science and Technology	8	6	5687	5692
417	R.B., Dhivya, R. B.; M., Ilankumaran, M.	English language teaching through student-centered activities: An overview	2024	Edelweiss Applied Science and Technology	8	6	5723	5734
418	K., Muthuvel, K.; M., Paramasivan, Muthukumar; T.J., Thangam, Thomas J.	Forecasting Solar Power Generation With Machine Learning Techniques	2024	ARPN Journal of Engineering and Applied Sciences	19	22	1378	1388

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420	P.K., Praseetha, Prabhakaran Kala; K., Sreedevy, K.; L., Gangadhar, Lekshmi; J., George, Jincymol	Evaluation Of The Photocatalytic Activity And Antioxidant Property Of Ag-Doped ZnO-TiO ₂ Nanocomposite	2024	Oxidation Communications	47	4	772	780
421	R., P.S., Rohini; I., Sowmy, I.	Hybrid VGG-DenseNet for anomalous behaviour detection in crowded video scenes	2024	International Journal of Security and Networks	19	4	199	209
422	V.V., Monikandan, V. V.; K., Pratheesh, K.; C., Santulli, C.; S., Digra, S.; P.V., Prasanth, P. V.; E.R.J., Dhas, Edwin Raja J.	History of tribology: Assessing the prehistoric impacts, progress on industrial and scientific revolution eras, and contemporary interdisciplinary research trends	2024	Tribologia: Finnish Journal of Tribology	41		4	15
423	K., Pradeep, K.; R., Sular Anbalagan, Rajalakshmi; A.P., Thangavelu, Asha Priya; S., Aswathy, S.; V.G., Jisha, V.	Neuroeducation: understanding neural dynamics in learning and teaching	2024	Frontiers in Education	9			

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425	N.H., Muslim, Nur Husna; A.A., Maryani, Abdul Aziz; N.A., Hisham, Nur Aqilah; M.A.A.M., Radzi, Muhammad Ariff Aiman Mohd; N.H., Abdullah, Noorul Hudai; N.A.A., Salim, Nur Atikah Abdul; N.A., Hassan, Norzainariah Abu	Calcined Waste Marsh Clam Shell in Various Combustion Temperatures as Phosphate Removal in Water	2024	International Journal of Integrated Engineering	16	9	67	79
426	J.J., Prabha, J. J.Jenu; R.S., Vinod Kumar, R. S.	Pose-Invariant Face Recognition Using Optimized Hybrid Yolo Algorithm from Image	2024	International Journal of Image and Graphics				
427	J., Jose, Jisha; J.E., Judith, J. E.	Navigating the IoT Landscape: A Deep Dive into Anomaly Classification for IoT Security	2024	SSRG International Journal of Electronics and Communication Engineering	11	11	153	167

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429	V., Parameswaran Nampoothiri, V.; N., Sugitha, Nadeson	An Optimized Fuzzy C-Means with Deep Neural Network for Image Copy-Move Forgery Detection	2024	International Journal of Electrical and Electronics Research	12	1	308	314
430	R., Sebastin Nesa Raj, R.; B., Stanly Jones Retnam, B.; R., Dinesh, R.; M., Dev Anand, M.; J., Edwin Raja Dhas, John	Evaluation of Fuel Consumption and Exhaust Emissions in a Single Cylinder Four-Stroke Diesel Engine Using Biodiesel Derived from Chicken Waste with Additives	2024	Natural and Engineering Sciences	9	2	326	334
431	N., Shalom, N.; B., Stanly Jones Retnam, B.; M., Dev Anand, M.; J.E., Raja Dhas, John Edwin	Comparative Analysis of Flexural Properties of Bamboo-Glass Hybrid FRP Composites: Influence of Water Absorption	2024	Natural and Engineering Sciences	9	2	441	448
432	P.A., Jose, Prakash Arul; N.,	Studies on cement-based soil stabilizer properties	2024	Revista Materia	29	4		

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433	A., Grover, Abhay; P., Sharma, Pooja; N., Arora, Nilesh	From Clicks to Coverage: Exploring Factors Affecting Insurance Purchase Intention Via S-Commerce	2024	Asia Pacific Journal of Information Systems	34	3	782	809
444	V., Ramakrishnan, Vinod; N., Ramasamy, N.; M., Dev Anand, M.; N., Santhi, N.	Coupling Coordination and Data Management for Additive Manufacturing Systems Based on Smart Logistics	2024	Environmental Claims Journal	36	3	278	304
445	J., Chen, Jianqi; X., Chen, Xiaohong; Y., Zhu, Yingting; Z., Li, Zhidong; X., Chen, Xuhao; X., Cao, Xu; Y., Li, Yangyang; Y., Wen, Yuwen; L., Liu, Liyan; Y., Xiao, Yue	Quantifying the impact of disease severity changes on the burden of blindness: A global decomposition analysis	2024	Journal of Global Health	14			
446	K.T., Haneesh Babu, K. T.; S., Anitha Janet Mary, S.	Optimizing Solar Power Generation: A Gaussian Process Regression Approach to MPPT	2024	International Journal of Intelligent Engineering and Systems	17	6	717	734
447	P., Sankar, Pramod; M.S., Ravi Kumar,	Performance evaluation of fly ash-lime-gypsum-quarry dust (FALGO) bricks for	2024	High Temperature Materials and	43	1		

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449	B., Jacob, Bilga; R.S., Vinod Kumar, R. S.; S.S., Kumar, S. S.	Multiple Scaling Based EfficientNet Modelling for Liver Tumor Classification on CT Images	2024	International Journal Bioautomation	28	3	151	160
450	S., Rahman, Sherin; R., Jinu, R.	Unlocking language learning potential: Nlp learning styles for deaf and hard-of-hearing undergraduates; Desbloquear el potencial de aprendizaje de idiomas: estilos de aprendizaje de Pnl para estudiantes sordos y con dificultad de audición	2024	Salud, Ciencia y Tecnologia - Serie de Conferencias	3			
451	A.P., John, Anu P.; V.P., Velmurugan, V. P.	Innovate to elevate: the role of E-Hrm on employee effectiveness in IT sector; Innovar para elevar: el papel de E-Hrm en la eficacia del empleado en el sector de TI	2024	Salud, Ciencia y Tecnologia - Serie de Conferencias	3			
452	A., Prem, Arun; V.P.,	Revolutionizing Kerala's Tourist	2024	Salud, Ciencia y Tecnologia -	3			

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453	A.S., Meera, A. S.; R., Jinu, R.	The Self-Exploration Of Chetna In K.R Meeraâ€™s Hangwoman: A Feminist Perspective; La AutoexploraciÃ³n De Chetna En El Ahorcado De K.R Meera: Una Perspectiva Feminista	2024	Salud, Ciencia y Tecnologia - Serie de Conferencias	3			
454	K.P., Mahesh, K. P.; M., Aparna Vijayan, M.	A Comparative Study between Self-Controlled Energetic Neuro: Adaptive Regulator (SCENAR) and Commercially Available Equipment in the	2024	Journal of Indian Academy of Oral Medicine and Radiology	36	3	233	238

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		Management of Orofacial Pain						
455	S., Sheeja, S.; K., Siva Sankar, K.	An energy-efficient ensemble clustering based on multiple disjoint and nonlinear structures for wireless sensor network	2024	International Journal of Advanced Intelligence Paradigms	29	1		
456	T.P., Sreelakshmi, T. P.; K.P., Uma Samundesvari, K. Pillai	Total Domination in Uniform Single Valued Neutrosophic Graph	2024	Neutrosophic Sets and Systems	70		305	1113
457	P., Sankar, Pramod; M.S., Ravi Kumar, Muthuswamy Saraswathi	Experimental study of strength and durability properties of fly ash-lime-quarry dust (FALGQ) bricks	2024	Revista Materia	29	3		
458	M.V., Nisha, M. V.; C., Gill, Chriso	A study on the approaches of teaching English for deaf and hard-of-hearing (DHH) students in the special higher secondary schools (HSS) in south India; Un estudio sobre los enfoques de la enseñanza del inglés para estudiantes sordos y con problemas de audición (DHH) en las escuelas secundarias superiores especiales (HSS) del sur de la India	2024	Salud, Ciencia y Tecnología	4			

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460	S.M.B., Rafi, Shaik Mohammad B.; A., Prakash, Abhijeet; F., Banu, Firdouse; P., Muthu Krishnammal, P.; K.B., Raj, K. Bhavana; J.E., Anusha Linda Kostka, J. E.	Neural network-based optimisation of smart odometry classification in a self-governing robot for precise position and location estimation	2024	International Journal of Engineering Systems Modelling and Simulation	15	5	222	227
461	W., Pranay, Wal; B., Debnath, Biplab; D., Sarkar, Dhrubajoyti; N., Verma, Neha; S., Rathore, Shruti; A., Wal, Ankita	A Descriptive Analysis of the Nutraceutical Constituents, Extraction Techniques, and Possible Health Benefits of Tamarind	2024	Current Traditional Medicine	10	7	53	64
462	R.C., Mehta, Rakhab C.	Influence of geometrical parameters of reentry capsules on flow characteristics at Mach 6	2024	Advances in Aircraft and Spacecraft Science	11	2	177	194

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464	P.P.S., Babu, Padma Priya S.; T., Brindha, T.	Deep Learning Fusion for Intracranial Hemorrhage Classification in Brain CT Imaging	2024	International Journal of Advanced Computer Science and Applications	15	8	884	894
465	S., Santhosh, S.; N., Sugitha, Nadeson	Crime Rate Analysis and Mapping from Socio-Economic Data Using Deep Neural Networks	2024	Journal of Computer Science	20	10	1203	1213
466	F.E., Abdul Amjeed, Fouad E.; D.S., Al-Rubaye, Dalal Saleh	ROLE OF AEROBIC BACTERIA ON GANGRENE AMONG SAMPLE OF DIABETES MILLITUS IRAQI PATIENTS	2024	Iraqi Journal of Agricultural Sciences	55	4	1270	1279
467	S., Jayasankar, Sreelakshmi; T., Brindha, T.	Innovative Melanoma Diagnosis: Harnessing VI Transformer Architecture	2024	International Journal of Advanced Computer Science and Applications	15	8	485	493
468	A., Shanimol, A.; J., Charles, J.	ResNet50 and GRU: A Synergistic Model for	2024	International Journal of	15	8	611	620

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470	J.J., Rani, Jebakumar Jensika; T., Jebarsan, Thanka; R.D., Kumar, Ramamurthy Dinesh; N., Navaprakash, N.	Ultra-High-Performance Concrete (UHPC): A microstructural and particle packing investigation	2024	Revista Materia	29	3		
471	R., Rahul, Rajendran; M.S., Ravi Kumar, Muthuswamy Saraswathi	Influence of nano-silica and shredded plastics in pervious concrete	2024	Revista Materia	29	3		
	S., Asvitha Valli, Sankaranarayanan ; M.S., Ravi Kumar, Muthuswamy Saraswathi	Innovative approaches to enhancing crack repair: Performance optimization of biopolymer-infused CXT	2024	High Temperature Materials and Processes	43	1		
472	S.M., Sasikanth, S. M.; G., Raman,	Hydrothermally Developed Titanium Dioxide And	2024	Materiali in Tehnologije	58	4	491	496

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473	V.J., Babu, Varghese Jency; M., Victor Jose, M.	Malicious Source Detection and Threats Mitigation in Named Data Networking Using Deep Learning	2024	International Journal of Intelligent Engineering and Systems	17	5	440	449
474	V.T., Jimshith, V. T.; V.M.A., Mary Amala Bai, V. Mary Amala	An Evaluation of the Proposed Security Access Control for BYOD Devices with Mobile Device Management (MDM)	2024	International Journal of Electrical and Electronics Research	12	1	277	285
475	J., Jeme V, Jesline; S., Albert Jerome, S.	Efficient MRI image enhancement by improved denoising techniques for better skull stripping using attention module-based convolution neural network	2024	Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization	12	1		
476	V., Lekshmi, V.; R., Suji Pramila, R.; T.P.V., Symon, Tibbie Pon V.A.	Defense Mechanisms for Vehicular Networks: Deep Learning Approaches for Detecting DDoS Attacks	2024	International Journal of Advanced Computer Science and Applications	15	7	666	675

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478	B., Selimi, Bekim; B., Kizolli, Beni; N., Dedaj, Nol	Speed Corridor Enforcement System (SCES)-A Case Study of the Highways of Kosovo	2024	Open Civil Engineering Journal	18			
479	E.E., Elsayed, Ebrahim E.	Performance enhancement of DWDM four waves mixing in optical communications	2024	Journal of Optics (India)				
480	J., Varghese, Joly; K., Sivasankar, K.	Statistical Analysis of Pneumonia Affected Chest X-Ray for Covid-19 Detection and RNA Cell Analysis Using Machine Learning Architecture	2024	Nanotechnology Perceptions	20	S3	640	660
481	S.M., Kavitha, Sethuraman Muthusamy; M.S., Ravikumar, M. S.	Compressive Strength Performance Of Carbon And Basalt Fiber Reinforced Concrete	2024	Journal of the Balkan Tribological Association	30	3	463	471
482	G.V., Satyanarayana, G. V.V.; C., Vivek Kumar, C.; R.M., Karthikeyan, R. M.; P., A, Punitha; N.I.,	Machine learning prediction and optimization of compressive strength for blended concrete by applying ANN and genetic algorithm	2024	Cogent Engineering	11	1		

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483	M.R., Jose, Mitha Rachel; S., Maria Celestin Vigila, S.	Hybrid Tasmanian Devil and Elephant Herding Model-Based Optimal Cluster Head Selection and Routing in MANET	2024	IETE Journal of Research	70	10	7938	7954
484	F., J, Fehlberg; R.K.M., S, Ravi Kumar M.	Experimental Investigation Of Green Concrete Using Bovine Faeces Ash And Non-Degradable Plastic Waste Materials; Eksperimentalno Raziskovanje Surovega Betona Z Uporabo Pepela Iz Govejih Odpadkov In Nerazgradljive Odpadne Plastike	2024	Materiali in Tehnologije	58	3	371	377
485	Y., Zaidah, Yusna; R.B.H., Abdullah, Raihanah Binti Hj	The Relevance of Ihdad Regulations as a Sign of Mourning and Human Rights Restriction	2024	Journal of Human Rights, Culture and Legal System	4	2	422	448
486	M., Deste, Mustafa; T., YÄ±ldÄ±rÄ±m, Turgay; A., YurttaÄŸ, Aziz	Analysis of the studies made in the field of green supply chain management by bibliometric method	2024	Green Technologies and Sustainability	2	1		

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487	P.D., Dethan, Praveen D.; R., Rajesh, R.; M., Dev Anand, M.	A REVIEW ON GREEN CORROSION INHIBITORS FOR MAGNESIUM AND ITS ALLOY	2024	Journal of the Balkan Tribological Association	30	2	218	229
488	V., Lekshmi, V.; R., Suji Pramila, R.	Increasing Efficiency and Reliability in Multicast Routing based V2V Communication for Direction-Aware Cooperative Collision Avoidance	2024	International Journal of Electrical and Computer Engineering Systems	15	2	145	153
489	P.S., Bindhya, P. S.; C., R, Chitra; V.S., Bibin Raj, V. S.	Deep learning based MA detection with modified ResNet-50	2024	Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization	12	1		
490	K.R., Danao, Kishor R.; R.S., Shivhare, Ruchi S.; D.M., Nandurkar, Deweshri M.; V.V., Rokde, Vijayshri V.; U.N., Mahajan, Ujwala Nandkumar	Coronavirus Inhibitory Activity of Tamarind Indica	2024	Letters in Drug Design and Discovery	21	7	1214	1225
491	P., Chinnasamy, P.; R., Samrin,	Integrating Intelligent Breach Detection System	2024	Wireless Personal				

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	Rafath; B., Ben Sujitha, Ben; R., Augasthega, R.; R., Manikandan, R.; A., Nageswaran, A.	into 6Å g Enabled Smart Grid-Based Cyber Physical Systems		Communications				
492	S.N.M.S., Husin, Syh Noorul Madihah Syed; A., Ab Rahman, Asmak; R., Azahari, Raihanah	Shariah Compliance In Malay Wedding Ceremony Expenditure	2024	Kajian Malaysia	42	1	1	20
493	A.P., Shameer, A. P.; A.C., Subhajini, A. C.	OABC scheduler: a multi-objective load balancing-based task scheduling in a cloud environment	2024	International Journal of Advanced Intelligence Paradigms	27	03-Apr	283	303
494	S., Nizarudeen, Shanu; R.S., Ganesh, R. S.	Enhancing radiology workflow: alert system for intracranial hemorrhages using deep learning and single-board computers	2024	International Journal of Systems, Control and Communications	15	2	122	145
495	K.S., Prasad, Kalapala Srinivasa; T.S., Senthil, Thengiri Subbulakshmi; P., Premkumar, P.; R., Sathyamurthy, Ravishankar; I.,	Influence Of Substrate Surface Roughness On The Thermal Emissivity Of Titanium Carbide Coatings On Graphite	2024	Thermal Science	28	1	755	763

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496	G., Alamelu, G.; M., Ilankumaran, M.	Factors affecting consciously improving vocabulary with a spaced repetition system	2024	International Journal of System of Systems Engineering	14	3	260	277
497	A., Sumitha, A.; R.S., Rimal Isaac, R. S.	Transfer Learning-based CNN Model for the Classification of Breast Cancer from Histopathological Images	2024	International Journal of Advanced Computer Science and Applications	15	4	270	280
498	S.J.S., Kumar, Suresh J.S.; S., Maria Celestin Vigila, S.	Autoencoder and CNN for Content-based Retrieval of Multimodal Medical Images	2024	International Journal of Advanced Computer Science and Applications	15	4	281	290
499	A.M., Rasheed, Abdul Muhammed; R.M.S., Kumar,	Lightweight Cryptographic Algorithms for Medical IoT Devices using Combined	2024	International Journal of Advanced	15	4	705	715

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	Retnaswami Mathusoothana Satheesh	Transformation and Expansion (CTE) and Dynamic Chaotic System		Computer Science and Applications				
500	S.L.S., Sulthana, S. L. Shabana; M., Sucharitha, M.	Two-Phase Speckle Noise Removal in US Images: Speckle Reducing Improved Anisotropic Diffusion and Optimal Bayes Threshold	2024	International Journal of Image and Graphics				
501	A.R., Bushara, A. R.; R.S., Vinod Kumar, R. S.; S.S., Kumar, S. S.	The Implications of Varying Batch-Size in the Classification of Patch-Based Lung Nodules Using Convolutional Neural Network Architecture on Computed Tomography Images	2024	Journal of Biomedical Photonics and Engineering	10	1		
502	G., Rajasree, G.; R.M.S., Kumar, Retnaswami Mathusoothana Satheesh	Secure transmission and monitoring of ECG signals based on chaotic mapping algorithms	2024	Automatika	65	3	957	972
503	A.F., Bashir, Anees Fathima; M.P.F., Queen, M. P. Flower; I., Habib, Irfan	An anomaly affected discrete LTI systems: a moving horizon approach for estimating position and temperature measurements	2024	Automatika	65	3	842	851
504	D.R., Unnithan, Divya R.; J.R., Jeba, J. R.	A novel framework for multiple disease prediction in telemedicine systems using deep learning	2024	Automatika	65	3	763	777

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505	J.V., T, Jimshith V.; V.M.A., Amala Bai, Vargheese Mary Amala	Evaluation of security framework for BYOD device in cloud environment	2024	Automatika	65	3	803	814
506	S., S, Sarika; S., Anitha Janet Mary, S.	High order sliding mode observer-based fault-tolerant control scheme for DFIG in wind energy applications with model predictive controller	2024	Automatika	65	3	793	802
507	L., V, Lekshmi; R., Suji Pramila, R.	Prioritization and scheduling in the vehicle-to-infrastructure (V2I) scheme for vanets using enhanced congestion control source based ant colony optimization	2024	Automatika	65	3	778	792
508	R.S., Kanakasabapathi, R. S.; J.E., Judith, J. E.	Improving cloud security model for web applications using hybrid encryption techniques	2024	International Journal of Internet Technology and Secured Transactions	13	3	291	308
509	A., Abirami, A.; S., Palanikumar, S.	ECC Based Encryption for the Secured Proactive Network Forensic Framework	2024	Iraqi Journal of Science	65	1	381	389
510	P.S.N., Anandavally, Priya Surendran Nair;	Deep Neural Network for the Detection and Classification of	2024	Journal of Advanced Research in	39	2	19	36

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	V.M.A., Amala Bai, Vargheese Mary Amala	Spontaneous Abortion Associated with Cervical Cancer		Applied Sciences and Engineering Technology				
511	S.G., Jose, Selvin G.; J., Charles, J.	Revolutionizing Software Project Development: A CNN-LSTM Hybrid Model for Effective Defect Prediction	2024	International Journal of Advanced Computer Science and Applications	15	1	595	603
512	V., Madeshwaren, Vairavel; G., Kathiresan, G.; S., Thangavel, Suresh; R., Thangaraj, Rajpradeesh	Solar still desalination techniques for the minimization of operational time and cost: a review	2024	Global Nest Journal	26	1		
513	P.J., Shermila, P. Josephin; V., Seethalakshmi, V.; P., Sujatha Therese, P.; M., Devaki, M.	SOOTYDEEPPIC: Food Item Classification Using Sooty Tern optimized Deep Learning Network	2024	International Journal of Intelligent Engineering and Systems	17	1	783	793
514	G.G., Giji Kiruba, Giji Giji; J., Benita, J.; D., Rajesh, D.	Energy Efficient Clustering Mechanism for Malicious Sensor Nodes in IOT Based MWSN	2024	International Research Journal of Multidisciplinary Scope	5	1	50	61
515	P., Careena, P.; M.M.S.J., Preetha, M. Mary Synthuja	Statistically significant feature-based heart murmur detection and	2024	Australian Journal of Electrical and	21	3	243	257

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516	N.H., Abdullah, Noorul Hudai; M.A.M., Azmi, Muhammad Azreen Mohd; M.A.M., Zaidi, Muhammad Afham Mohd; N.B., Nasaruddin, Nur Balqis; N.A.A., Salim, Nur Atikah Abdul; N.H.H., Hairom, Nur Hanis Hayati; M.F.A., Hadi, Muhammad Faris Abdul; M.A., Fulazzaky, Mohamad Ali	Effect of Various Sizes of Calcined Marsh Clam Shell on Phosphate Removal from Aqueous Solution	2024	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	113	1	95	107
517	N.R., Raji, N. R.; R.M.S., Kumar, R. Mathusoothana S.; C.L., Biji, C. L.	Explainable Machine Learning Prediction for the Academic Performance of Deaf Scholars	2024	IEEE Access	12		23595	23612
518	J., Jose, Jisha; J.E., Judith, J. E.	Unveiling the IoT's dark corners: anomaly detection	2024	Automatika	65	2	584	596

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519	M.D., Rani, M. Devika; V.S.G., Lakshmi, V. Sai Geetha; K.J.J., Kumar, K. J.Jegadish; K., Muthuvel, K.; M., Paramasivan, Muthukumar	Hybrid War Strategy Optimization with Power Loss Index for Optimal VAR Compensation in Distribution Feeders with Industrial Load Growth	2024	International Journal of Intelligent Engineering and Systems	17	1	645	653
520	B., Chitra, B.; S.S., Kumar, S. S.; D., Subbulekshmi, D.	Prediction Models Applying Convolutional Neural Network based Deep Learning to Cervical Cancer Outcomes	2024	IETE Journal of Research	70	8	7058	7068
521	S., Datta, Susmita; S., Nag, Soma; D.N., Roy, Dijendra Nath	Biofilm-producing antibiotic-resistant bacteria in Indian patients: a comprehensive review	2024	Current Medical Research and Opinion	40	3	403	422
522	S.S., Nair, Sneha S.; V.N., Meena Devi, V. N.; S., Bhasi, Saju	Lung Cancer Detection from CT Images: Modified Adaptive Threshold Segmentation with Support Vector Machines and Artificial Neural Network Classifier	2024	Current Medical Imaging	20			
523	V.J., Vinita, V. J.; M., Ilankumaran, M.	Teaching Grammar through Content-Based Instruction in a Second Language Classroom	2024	World Journal of English Language	14	1	145	151

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525	R., Thomas, Roshy; J.R., Jeba, J. R.	A novel framework for an intelligent deep learning based product recommendation system using sentiment analysis (SA)	2024	Automatika	65	2	410	424
526	S.B., Lakshmi, S. B.; C.P., Maheswaran, C. P.	Effective deep learning based grade prediction system using gated recurrent unit (GRU) with feature optimization using analysis of variance (ANOVA)	2024	Automatika	65	2	425	440
527	C., Maniveena, C.; R., Kalaiselvi, R.	A security and privacy preserving approach based on social IoT evolving encoding using convolutional neural network	2024	Automatika	65	1	323	332
528	G.L.J., Salvin, G. Linta John; J., Arul Linsely, J.	QoS optimization for full-duplex enabled relaying system with consecutive interference annulment	2024	Automatika	65	2	463	472
529	K.U., Abinеш Kamal, K. U.; S.V.,	Integrated threat intelligence platform for	2024	Automatika	65	2	401	409

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530	C., Maniveena, C.; R., Kalaiselvi, R.	A security and privacy preserving approach based on social IoT and classification using DenseNet convolutional neural network	2024	Automatika	65	1	333	342
531	R.I., Arathi Chandran, R. I.; V.M.A., Mary Amala Bai, V. Mary Amala	Breast cancer recurrence prediction with deep neural network and feature optimization	2024	Automatika	65	1	343	360
532	R., Kalimuthu, Rajkumar; B., Thomas, Brindha	Design of A Multi-Constraint PSO for Resource Allocation and Task Scheduling	2024	International Journal of Intelligent Systems and Applications in Engineering	12	7s	426	440
533	R., Rajendran, Ratheesh; D.P., Antony, Delphine Priscilla; M., Ashik P, Mohammed; S., Bharath, Subin; A.J., Thomas, Arun Jacob; A.G., Heboyan, Artak G.	Remineralization potential of strontium-doped nano-hydroxyapatite dentifrice and casein phosphopeptide-amorphous calcium phosphate cream on white spot lesions in enamel following orthodontic debonding – a randomized controlled trial	2024	SAGE Open Medicine	12			

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534	S., Thota, Swapna; D., Menaka, D.	Botnet detection in the internet-of-things networks using convolutional neural network with pelican optimization algorithm	2024	Automatika	65	1	250	260
535	P., Pradeepa, P.; D.M., Jeyakumar, Dr M.K.	Chronic kidney disease prediction using improved deep belief network with local search nearest neighbour optimization	2024	Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization	11	7		
536	R., Shalini, Rajagopal; K., Ravichandran, K.; P., Kavitha, Pazhanisamy; P.K., Praseetha, Prabhakaran Kala; R., Mohan, Rengasamy; P., Ravikumar, Patta	Biocatalyst coupling with Mo-doped SnO ₂ nanoparticles for efficient photocatalytic dye degradation: An eco-friendly approach for environmental remediation	2024	Biocatalysis and Biotransformation	42	5	605	619
537	S., Thanikodi, Sathish; N., Ahalya, N.; M., Thirunavukkarasu, Mylswamy; T.S., Senthil, Thengiri Subbulakshmi; Z., Hussain, Zakir;	A comprehensive review on the novel approaches using nanomaterials for the remediation of soil and water pollution	2024	Alexandria Engineering Journal	86		373	385

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538	V., Ramakrishnan, Vinod; N., Ramasamy, N.; M., Dev Anand, M.; N., Santhi, N.	Supply Chain Management Efficiency Improvement in the Automobile Industry Using Lean Six Sigma and Artificial Neural Network	2024	IEEE Transactions on Engineering Management	71		3278	3294
539	D., Karthick Rajan, Durairaj; K., Mohan, Kannan; J., Rajarajeswaran, Jayakumar; D., Divya, Dharmaraj; R., Kumar, Ragavendhar; S., Kandasamy, Sabariswaran; S., Zhang, Shubing; A., Ramu Ganesan, Abirami	Î ² -Chitin and chitosan from waste shells of edible mollusks as a functional ingredient	2024	Food Frontiers	5	1	46	72
540	R.N., Govindan, Rajivgandhi Nadar; C., Kanisha Chelliah, Chenthis; M., Murugan,	Discovery of secondary metabolites from Avicennia marina to inhibit the anti-oxidant and anti-biofilm activities of biofilm forming	2024	Journal of King Saud University - Science	36	1		

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541	A.S., Pillai, Ajumon Somasekharan; J., Arul Linsely, J.	Effect of copper as a catalyst on the dielectric properties of insulating oils used in transformers	2024	International Journal of Advanced Manufacturing Technology	130	01-Feb	147	162
542	J., Zahariah, Jenner; T.P.V., Symon, Tibbie Pon V.A.	Hybrid aquila arithmetic optimization based ANFIS for harmonic mitigation in grid connected solar fed distributed energy systems	2024	Electric Power Systems Research	226			
543	n., Asiya; N., Sugitha, Nadeson	Automatically Segmenting and Classifying the Lung Nodules from CT Images	2024	International Journal of Intelligent Systems and	12	1s	271	281

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544	S., Lavanya, S.; T.R., Rajesh Kumar, T. Raj; B., Prakash, B.; R.S., Rimal Isaac, R. S.; I.M., Ashraf, I. M.; Siddhartha; M., Shkir, Mohd; L., Kansal, Lavish; H., Payal, Himanshu; S.S., Sehgal, Satbir S.	Effect of Bi doping on the opto-electronic properties of ZnO nanoparticles for photodetector applications	2024	Journal of Photochemistry and Photobiology A: Chemistry	446			
545	K., Ravichandran, K.; S., Suvathi, S.; M., Ayyanar, M.; P., Kavitha, Pazhanisamy; P.K., Praseetha, Prabhakaran Kala	Vermiwash-mediated synthesis of molybdenum doped TiO ₂ nanoparticles: Evaluation of photocatalytic and biomedical properties	2024	Journal of Photochemistry and Photobiology A: Chemistry	446			
546	L.K., Sivanandam, Lokesh Koumar; B., Begum, Benazir; E., CalderÃ³n-MartÃ³nez, Ernesto; S., Garikipati, Sushmita; V., Sanker, Vivek; A.,	Azathioprine hypersensitivity: A Sweet-like syndrome	2024	International Journal of Rheumatic Diseases	27	1		

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548	R.G., Raman, R. Ganapathi; P., Preeda, P.	Hyperconjugation and Hydrogen Bonding Interactions Effect with the Nonlinear Optical Features of 4-Chlorophenoxy Acetonitrile: An Experimental and DFT Methodology	2024	Polycyclic Aromatic Compounds	44	5	2887	2903
549	D., Sarath, Devika; M., Sucharitha, M.	Adam Bald Eagle optimization enabled transfer learning for underwater image fusion	2024	Imaging Science Journal	72	5	615	630
550	K.V., Shiny, K. V.	Brain tumor segmentation and classification using optimized U-Net	2024	Imaging Science Journal	72	2	204	219
551	A., Miki, Atsuya; N., Fuse, Nobuo; S., Fujimoto, Satoko; M., Taira, Makiko; T., Saito, Tomo; T., Okazaki, Tomoyuki; A., Shiraki, Akihiko;	Prevalence, Associated Factors, and Inter-Eye Differences of Refractive Errors in a Population-Based Japanese Cohort: The Tohoku Medical Megabank Eye Study	2024	Ophthalmic Epidemiology	31	1	46	54

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553	A.B., Mathews, Asish B.; A.B., Mathews, Arun B.; C., Agees Kumar, Chellappan	A Non-Linear Improved CNN Equalizer with Batch Gradient Decent In 5G Wireless Optical Communication	2024	IETE Journal of Research	70	2	1082	1094
554	A.S., George, Anju Susan; A., Shajin Nargunam, A.	Efficient Multi-Replica Cloud Data Integrity Checking Method Based on Enhanced PRF	2024	IETE Journal of Research	70	1	396	404
555	N.C., Velayudhan, Nitha C.; A., Anitha, A.; M., Madanan, Mukesh	An Optimisation driven Deep Residual Network for Sybil attack detection with reputation and trust-based misbehaviour detection in VANET	2024	Journal of Experimental and Theoretical Artificial Intelligence	36	5	721	744
556	R.A., Kumar, R. Anil; D., Kinslin, D.	Role of customer experience and customer engagement in organised retail apparel stores with respect to select cities in Kerala	2024	Edelweiss Applied Science and Technology	8	6	5618	5630

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A.A., Romalt, A. Ann; R.M.S., Kumar, Ravindra Mathusoothana S.	The Prediction of Cardiovascular Disease Using Hybrid Learning: An Integrative Approach to Data Science	2025	AIP Conference Proceedings	3137	1	
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1	July	28750
2	August	3300
3	September	6550
4	October	12190
5	November	20650
6	December	9250
7	January	7050
8	February	17780
9	March	41650
10	April	34590
11	May	8540
12	June	960
Total		Rs. 1,91,260/-

2. Others:

(a) eContents

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119	nimsdbms06	Dr. Gokul Gopi	G O K	BS 36 S8	Basics of Medical Disorders (S4)	S4	gokulgopi555@gmail.com	PPT
120	12F0817488	Mrs.J.P .Janu	JP J	HG 36 20	Pharmacogenomics (S6 B.Sc)	S6	jpjanu@niuniv.com	PPT
121	12F0719568	T.Subha	TS A	BS 36 05	General Pathology (S2 B.Sc)	S2	subhabio86@gmail.com	PPT
122	12F0423703	Y. Sermi Jiju	S E R	DT 36 05	Acute and Chronic Kidney Disease and Nutrition (S4)	S4	sermijose@gmail.com	PPT
123	12F0118517	Dr.J.Raja Brindha	JR B	BS 36 S2	Applied Microbiology (S3)	S3	rajabrindha@niuniv.com	PPT
124	12F0120592	Dr. Shabi Ruskin	S H R	HG 47 06	Human Molecular Genetics (S2 M.Sc)	S2	rshabiruskin@yahoo.com	PDF
125	12F0718530	Packkia Lekshmi	N CJ	HG 36 11	Genetic Engineering (S5)	S5	packkialekshmi@niuniv.com	PPT
126	12M0224724	Aravind P	A R A	DT 36 11	Dialysis in special situations	S6	aravindp619@gmail.com	PPT

					(S6)			
127	12F042 4733	A.S.Ma harisha	M A H A	DT 36 13	Dialysi s in special situatio n		maharishamagi@gmail.com	PPT
128	12F022 4727	Jazila.H	JA Z	CT 36 02	Basic cardiac care evaluati on and therapi es (S4)	S4	Jazilahidhay@gmail.com	PPT
129	12F012 1598	Manish a.M	M A N	HG 36 03	Biophy sics and Bioinstr umenta tion (S1)	S1	manisham@niuniv.com	PDF
130	12F072 3704	Jini S V	JI N	DT 36 10	Periton eal Dialysi s (S6)	S6	jinisvjini311@gmail.com	PPT
Name of the Department: AIRCRAFT MAINTENANCE ENGINEERING								
131	12F071 0299	Dr.J. Benita	JB A	AC 32 14	Electro nic Funda mental s	S5	benita@niuniv.com	PPT
132	12F102 1608	Dr. S.Ninis ha Nels	S N N	MS 32 01	Princip les of Manag ement	S7	sninishanel01@gmail.com	PPT
133	12M11 19588	Mr. D. Sudhak ar	D S R	ME 32 01	Engine ering Mecha nics	S3	dsudhakarpranav@gmail.com	PPT
134	12F022 4726	Mrs.N.S uruthi	N SI	AC 32 07	Mainte nance practic es	S3	sruthi2101@gmail.com	PPT
Name of the Department: COMPUTER APPLICATIONS (MCA)								
135	12F129 7019	Dr.J.R.J eba	JR J	4	CA361 1	Python Programmi ng	jeba@niuniv.com	Word/P PT/PDF

136	12f0601037	Dr. Beulah S	S B H	4	CA3612	Operating system	beulah@niuniv.com	Word/pp t
137	12f0905090	M.Merlin Johnsy	M MJ	3	CA3605	Programmi ng with Java	merlinjohnsy@niuniv.com	PDF
138	12f0224729	M.Shafeen Nagoor	M S N	2	CA45A9	Cryptograp hy and Network Security	shafeennagoo r@niuniv.com	PDF
139	12f1022690	M.Tharanya	M TA	4	CA3610	Computer Networks	tharanya@niu niv.com	PDF
Name of the Department: MARINE ENGINEERING								
140	12M0698021	Dr. S. John Leon	SJ L	V	MR3226	Fluid Mechanics - II	sjlniu@niuniv.com	PPT
141	12M0709206	Dr. V.K. Jebasingh	V KJ	III	MR3213	Mechanics of Machines I	jebasingh@niu niv.com	PPT
142	12M0709207	Dr. K.S. Jai Aultrin	K SJ	III	MR3212	Strength of Materials - II	jaiaultrin@niun iv.com	PPT
143	12M0710305	Mr. A.K. Ratheesh	A K R	I	MR3205	Geometrical Drawing	ratheesh@niu niv.com	PDF
144	12M0116457	Mr. J. Jesin Jude Leonard	JJ L	VII	MR3283	Onboard Training & Assessmen t	jesinjude.leon ard@gmail.co m	PPT
145	12M0220594	Mr. M. Muniasamy	M M S	I	MR3203	Workshop Technology	munishsailor@ gmail.com	PPT
146	12M0122656	Mr. D. Pray Gift	D P G	V	MR3224	Manageme nt Science & Economics	praygift@gmai l.com	PPT
147	12M0122657	Mr. A. Ramesh	A R H	V	MR3228	Naval Architecture - I	marinerrames hi4u@gmail.co m	PPT
148	12M0323701	Mr. A. Vikram oorthi	A V M	V	MR3227	Marine Auxiliary Machines - I	vikramoorthi21 07@gmail.co m	PPT
149	12M0423702	Mr. J.S. Febin	JS F	V	MR3225	Internal Combustion Engines - I	febinjohnviyani @gmail.com	PDF
150	12M0823709	Dr. T.S. Senthil	TS S	V	MR3223	Material Science	senthilts@niun iv.com	PPT

Name of the Department: CHEMISTRY								
151	12M09 09250	Dr. J. Joseph	JJ S	CH 47 02	Inorgan ic Chemis try-I (S1 MSC)	S1 M.Sc	joseph@niuniv .com	PPT/PD F
152	12F090 8187	Dr. T. M. Sharmil a	T M S	CH 47 07	Physic al Chemis try-II (S2 M.Sc)	S2 M.Sc	caalwinrs@gm ail.com	PPT/PD F
153	12F081 4436	Dr. E.H. Edinsha Gladis	E H E	CH 47 04	Basic Principl es of Instrum ental Techni ques (S2 M.Sc)	S2 M.Sc	edinsha@gma il.com	PPT/PD F
154	12F081 7498	Mrs. D. Arthi	D A R	CH 47 04	Organi c Chemis try-II		arthiabs27@g mail.com	PPT/PD F
155	12F081 8546	Mrs. J. Michael Ahitha Jose	JM A	CH 47 06	Inorgan ic Chemis try-II		michaelahitha @niuniv.com	PPT/PD F
Name of the Department: MANAGEMNET STUDIES (MBA)								
156	12M09 18547	Prof. J.S .Kishor e	KJ S	MS 45 01	Integrat ed	kishorekich u6197@gm ail.com	PDF/ PPT	
157	12F060 7119	Dr R Radhika	R R D	MS 45 02	Econo mic	radhika@ni univ.com	PDF/ PPT	
158	12M09 09241	Dr. D.Kinsli n	D K N	MS 45 03	Advanc ed Organi zationa l Behavi our	kinslin@niu niv.com	PDF/ PPT	
159	12M08 23706	Dr.J.R.I nbasak aran	JR I	MS 45 04	Manag erial Accoun	jrinbasahar an@gmail.c om	PDF/ PPT	

					ting			
160	12M10 07146	Dr V P Velmur ugan	V P V	MS 45 05	Corpor ate Law & Ethics	vpvharini@ gmail.com	PDF/ PPT	
161	12F081 7494	Dr. K.Asha	K A S	MS 35 A3	Produc t and Brand Manag ement	drashak@ni univ.com	PDF/ PPT	
162	12F081 6471	Dr.R. Kavitha Rani	K R I	MS 35 A9	E- Marketi ng	kavitha2010 @niuniv.co m	PDF/ PPT	
163	12F071 8528	Dr.P.Lij a	PL J	MS 35 C1	Industri al Relatio ns & Labour Welfar e	lijajohn.mba @gmail.co m	PDF/ PPT	
164	12M10 21610	Prof.R. Gokula Chandr an	R G C	MS 35 D1	Supply Chain Manag ement	gokuls_cha ndran@yah oo.co.in	PDF/ PPT	
165	12F102 2692	Prof. X. Agnes Pravinn a	X A P	MS 36 05	Financi al Accoun ting	agnespravi na@niuniv. com	PDF/ PPT	
166	12M06 22686	Dr. E. Thanga durai	ET D	MS 36 08	Marketi ng Manag ement	ethangadur @gmail.co m	PDF/ PPT	
167	12F071 8525	Prof. Y. Jenush a Ananth y	YJ A	CO 36 10	Elemen ts of Cost Accoun ting	jenushaana nthy@niuni v.com	PDF/ PPT	
Name of the Department: AERONAUTICAL ENGINEERING								
168	12M07 07133	T.Annil Kumar	TA K	AE 22 A9	Compu ter Integrat ed Manufa cturing (even)	annilkumart ngl@gmail. com	PPT	
169	12M06 08165	Dr. R.R.Ne	R R	AE 32	Mecha nics of	nelraj2012 @gmail.co	PDF	

		ela Rajan	N	08	Machines (even)	m		
170	12M0717482	Dr.V.Antony Vincent	V A V	AE 32 07	Low speed Aerodynamics (even)	vantonyaero79@gmail.com	PDF	
171	12M0619563	Mr.A.Anukuttan	A A K	AE 32 13	Finite Element Analysis for Aircraft Structures (even)	anukuttan95@gmail.com	PDF	
172	12F0622668	Mrs.S.Aneesha	S A A	AE 32 14	Advanced Propulsion Systems (even)	aneeshaero19@gmail.com	PDF	
Name of the Department: ELECTRICAL AND ELECTRONICS ENGINEERING								
173	12F0110369	Dr V S Bindhu	V S B	EE 32 04	ELECTRICAL MACHINES I	III	Bindhu2010@niuniv.com	PPT/Pdf
174	12F0108155	Dr S Anitha Janet Mary	AJ M	MR 32 32	Marine Electrical Technology	VI	anithajanetmary@niuniv.com	PPT
175	12F0619560	Dr H Vennila	H V A	EE 32 14	Power System I	VI	vennila@niuniuniv.com	PPT
176	12M0708181	Dr Tibbie Pon Symon V A	TP S	EE 32 A4	High Voltage Engineering	VI	tibbieponsymon@niuniv.com	PPT
177	12F1202050	Dr.D.M. Mary Synthis Regis Prabha	M S R	EE 22 B1	Smart Grid	VIII	marysynthia@niuniv.com	PPT

178	12M02 11324	Dr.K.M uthuvel	K M L	EE 32 08	Power Electro nics	IV	muthuvel@niu niv.com	PPT
179	12M05 03053	Dr.J.Ar ul linseley	JA L	EE 32 01	Analog Electro nics	III	arullinsely@ni univ.com	PPT/PD F
180	12F010 2043	Dt.P.Su jatha Theres e	P S T	EE 22 23	Elecctri cal Genery y generat ion utilizati on and conser vation	VII	sujathatherese @niuniv.com	PPT
Name of the Department: AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY								
181	12F012 4721	Dr Nisha M L	N M L	SA 26 24	Langua ge Disord ers in Adults	nishamelem patt@yahoo o.com	PPT and PDF	
182	12F012 3695	Ms Reshm a Nair A	R N A	SA 26 17	Diagno stic Audiolo gy: Physiol ogical Tests	reshmaava nish@gmail .com	PPT and PDF	
183	12F012 3695	Ms Reshm a Nair A	R N A	SA 26 25	Aural Rehabil itation in adults	reshmaava nish@gmail .com	PPT and PDF	
184	12F122 3725	MsAshit hanand an	A S N	SA 26 15	Motor Speech Disord ers in childre n	ashithaaslp @gmail.co m	PPT and PDF	
185	12F122 3725	MsAshit hanand an	A S N	SA 26 26	Audiolo gy in practic e	ashithaaslp @gmail.co m	PPT and PDF	
186	ID unavail able	Mr Anish Benadic	A B A	SA 36 09	Speech Langua ge	anishbenadi ct@gmail.c om	PPT and PDF	

		t A			Pathology			
187	ID unavai able	Mr Anish Benadic t A	A B A	SA 26 16	Child Langua ge Disord ers in childre n	anishbenadict@gmail.com	PPT and PDF	
188	12F122 3720	Ms Fenisha I S	FI S	SA 26 23	Motor speech disorde rs in adult	fenishais@gmail.com	PPT and PDF	
189	12M09 23714	Mr Ananth an A V	A A V	SA 36 10	Audiolo gy	ananthan.ktr@gmail.com	PPT and PDF	
190	12M09 23714	Mr Ananth an A V	A A V	SA 26 18	Implant able Hearin g Device s	ananthan.ktr@gmail.com	PPT and PDF	

eContent Consolidated List

Sl. No.	Department	No. of Files Uploaded
1	FTSE	9
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3	Mathematics	12
4	Information Technology	10
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6	CSE/AI & DS	11
7	Computer Applications (MCA)	5
8	Aeronautical Engg	5
9	Civil Engg	9
10	ECE	7
11	Aerospace Engg	5
12	Automobile Engg	7
13	Nano technology	4
14	EEE	8
15	Mechanical Engg	13
16	EIE	7
17	Biomedical Engg	5
18	English	1
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20	Chemistry	5

21	AHS	21
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(b) Research Collaborations/ MoU

Sl. No.	Date of MoU	MoU Between
1.	2-9-2024	Department of Mathematics, NICHE MOU with Department of Mathematics, Manonmaniam Sundaranar University, Tirunelveli
2.	4-9-2024	Department of ECE Gelbero IT Solutions (OPC) PVT Ltd Second Floor JB Babies Complex Karungal
3.	4-9-2024	Resbee Info. Technologies Private Limited. R Kavitha Manager (Nagercoil Branch)
4.	4-9-2024	IT department and Karka Software Academy, 4/5 Balamore Road, Mela putheri, Kanyakumari District, Tamil Nadu - 629001
5.	4-9-2024	Vi Microsystems Pvt Ltd, Chennai
6.	4-9-2024	MOU with KAV biomedical, Madurai - Biomedical engineering department
7.	4-9-2024	AHS MOU Signing with Olusium Technologies in Advanced Research PVT LTD, Thiruvananthapuram
8.	25-9-2024	MongoDB
9.	1-10-2024	Two MoU 's with Light Ox Pharma , Newcastle, UK and Lant Medicals and Newcastle, UK. with Department of Allied Health Sciences , NICHE
10.	2-10-2024	Fortune IAS Academy Trivandrum
11.	2-10-2024	Aries International Maritime Research Institute (AIMRI),Cochin with NICHE
12.	2-10-2024	Major Ravi's Training academy Eranakulam with NICHE Defence Academy
13.	3-10-2024	Reverse Engineering Labs Private Limited
14.	3-10-2024	Darrels AM Research and Reverse Engineering Labs Private Limited. With Aerospace departments
15.	15-10-2024	University of Kerala With NICHE
16.	12-11-2024	Focus 4D Career Education Ovt.Ltd.
17.	12-11-2024	Sonovition Aetos Bangalore Technical Services Pvt. Ltd., Ortec Group, in collaboration with the Department of Aircraft Maintenance Engineering (AME), NICHE
18.	13-11-2024	National Institute Of Personnel Management, Trivandrum Chapter
19.	17-10-2024	Aspirant Learning Academy
20.	03-02-2025	Leevay Bio- Medical LLP Bengaluru
21.	24-1-2025	Government Ayurvedha college Nagercoil
22.	19-02-2025	Glitter Biomedical Institute Kerala
23.	14-3-2025	Indian Society for Training and Development –

Sl. No.	Date of MoU	MoU Between
		Thiruvanthapuram Chapter
24.	28-05-25	Iron Cloud Technologies
25.	28-05-25	Xcellogen Biotech India pvt. Ltd
26.	28-05-25	3D AdditiveTech
27.	28-05-25	Feather Softwares, Nagercoil-629001
28.	28-05-25	HEMIDLINE SYSTEMS, [C B Panikers complex, T.B.Road, Kottayam]
29.	28-05-25	Medtrack Medical, MS Building, Near Highway under pass, Krishnan Nair Road, Malikkadavu, Calicut
30.	28-05-25	Bapson Medical System, Sydney Lane , Kesavadasapuram, Pattom.P.O, Trivandrum
31.	28-05-25	Winstar construction Nagercoil
32.	28-05-25	Govt. Ayurvedha College, Nagercoil
33.	28-05-25	Glitter Biomedical Institute, Kerala
34.	28-05-25	Intriad Innovations , Ground Floor, KSUM, Tejaswini Building, Technopark, Trivandrum, Kerala.
35.	28-05-25	Naveen Market Links, B2, Kurup's Lane, Sasthamangalam, Thiruvananthapuram
36.	28-05-25	Integrated Medical Systems, 1 st Floor Poovannalil Building, Step Junction, Nalanchira, Trivandrum
37.	29-05-25	Weplay Interactive Private Limited Tc Thiruvananthapuram
38.	30-05-25	Bioroot Exploration India Pvt. Ltd., Kowdiar P.O Thiruvananthapuram, Kerala

(c) SIRO

The Department of Scientific and Industrial Research (DSIR) has renewed the recognition of Noorul Islam Educational Trust, Kanyakumari, Tamil Nadu, as a Scientific and Industrial Research Organization (SIRO) under the Scheme for Recognition of Scientific and Industrial Research Organizations, for the period from 01.04.2024 to 31.03.2027.

(d) Research Seed Money Grants

Sl.No.	Name	Department	Date	Amount in Lakhs
1.	Dr. M. Murugan	BME	12-03-2025	1
2.	Dr. Benita	AME	12-03-2025	1
3.	Dr. Judith	CSE	12-03-2025	1
4.	Dr. Stanley Jones Ratnam	AuE	12-03-2025	1
5.	Dr. Edwin Sahayaraj	AuE	12-03-2025	1
6.	Dr. Darwin	AuE	12-03-2025	1
7.	Dr. Arockiya Selva Saroja	AHS	12-03-2025	1
8.	Dr. Packiyalakshmi	AHA	12-03-2025	1
9.	Dr. Albert Jerome	BME	12-03-2025	1
10.	Dr. R. LuLu	AuE	12-03-2025	1

(d) Research and Development Estimated Budget 2024– 2025

RESEARCH AND DEVELOPMENT ESTIMATED BUDGET 2024 – 2025

Research Projects & Stipend:

Particulars	During the Year 2024-25 (in
Research Projects (Seed Money)	Rs. 1,00,000/-
Full Time Scholar Stipend	Rs. 18,72,000/-

Infrastructure & Development Utility:

Research Projects & Stipend:

Particulars	During the Year 2024-25 (in
Research Projects (Seed Money)	Rs. 1,00,000/-
Full Time Scholar Stipend	Rs. 18,72,000/-

Infrastructure & Development Utility:

Particulars	During the Year 2024-25 (in
Centre for Advanced Material in Engineering and	Rs. 1,00,000/
Centre for Networking	Rs. 1,00,000/
Centre for Power and Energy	Rs. 1,00,000/
Centre for Communication Systems	Rs. 1,00,000/
Centre for Advanced Computing	Rs. 1,00,000/
Centre for Biological Sciences	Rs. 1,00,000/
Centre for Nano Satellite	Rs. 1,00,000/
Centre for Interdisciplinary Studies in	Rs. 1,00,000/
Plagiarism Cross Checker Software	Rs. 1,00,000/

Stationary:

Particulars	During the Year 2024-25 (in Lakhs)
A4 Paper, CD, DVD, Cover, File, Cello Tape, Stapler Pin, Revenue Stamp, Printer Cartridge and Etc.	Rs. 0.36/-

DC Meeting & Other:

Particulars	During the Year 2024-25 (in Lakhs)
DC Meetings (July & January)	Rs. 24.55/-
Research Forum	Rs. 0.24/-

Achievements & Awards:

Particulars	During the Year 2024-25 (in Lakhs)
Incentives	Rs. 1.50/-

Books and Periodicals:

Particulars		During the Year 2024-25 (in Lakhs)
e-Journals	IEEE, Science Direct, Emerald	Rs. 30,00,000/-

Programmes/ Seminar/ Symposium Etc., Proposed

Particulars	During the Year 2024-25 (in Lakhs)
Research Methodology Workshop (December Session)	Rs. 1,00,000/-
Research Methodology Workshop (July Session)	Rs. 1,00,000/-

Miscellaneous:

Particulars	During the Year 2024-25 (in Lakhs)
Hospitality	Rs. 0.25/-
Refreshment	Rs. 0.18/-

(e) Research Centres

In order to promote inter disciplinary research; the NICHE has established the following Research Centres that receive financial support from the University and from external sources. The University has established EIGHT research centres in order to meet the challenges and to develop interdisciplinary research.

- Centre for Advanced Material Science & Technology
- Centre for Networking
- Centre for Power & Energy
- Centre for Communication Systems
- Centre for Advanced Computing
- Centre for Biological Sciences
- Centre for Satellite Technology
- Centre for Interdisciplinary Studies in Engineering, Technology and Management

Activities of each Centre are available in the separate NICHE R&D files.

(f) R&D Extension Activities

- NICHE's ultimate aim is to transform lives and serve society in a meaningful way. The institution is committed to this mission through various schemes, programmes, and initiatives undertaken by its Departments, Offices, Centres, and Units.
- Community engagement is a core focus, with faculty, students, and staff actively participating in neighborhood development initiatives to ensure holistic and sustainable progress.
- The Centre for Advanced Studies organized visits to nearby villages to interact with residents and Panchayat functionaries. During the period of demonetization, university students trained villagers on cashless transactions and disseminated information on government welfare programmes.
- Under the National Swachh Bharat Abhiyan, students conducted voluntary cleanliness drives within and around the campus, raising awareness about the importance of a clean environment for human health.

- Several health awareness and service programmes were organized, such as Blood Donation Camps, General Health Check-ups, Eye and Dental Camps, and awareness campaigns on the prevention of HIV/AIDS.
- Through its outreach programmes, NICHE promoted social welfare schemes of the Government, including Swachh Bharat Abhiyan, Run for Unity, and Go Green Day.
- The National Service Scheme (NSS) conducted awareness programmes on Human Rights, Traffic Rules, Digital India, Women Empowerment, Tree Plantation, and Youth Leadership Camps.
- Training programmes for farmers were held on sustainable agricultural practices to improve productivity and promote eco-friendly methods.
- Workshops on gender sensitization and women's safety were organized regularly by the Internal Committee to prevent sexual harassment and violence against women.

DEPARTMENT :- PHYSICAL EDUCATION

Director	Dr.R.Dharma Raj
Deputy Director	Dr.Rini Susan Alexander
Assistant Director	Mr. M. Raja paul
Phone No.	9486856102
E-mail/ Website	sports@niuniv.com

1. Activities/ Events Conducted/ Organised

Sl. No.	Particulars	Date	Venue	No. of participants
1.	Tamil nadu State level Inter university NICHE 2 nd Athletics Championship For Men & Women	06/03/2025 & 07/03/2025	Noorul Islam Centre for Higher Education	150
2.	Annual Sports Day	08/04/2025	Noorul Islam Centre for Higher Education	250

2. Activities/ Events Participated

Sl.No	Particulars	Date	Venue	No. of Participants
1.	State Level Volleyball Tournament	13/07/2024	Kadayam, Tenkasi	12
2.	State Level Volleyball Tournament	27/07/2024.	Velankanni, Nagapattinam	12
3.	State Level Volleyball Tournament women	28/07/2024	Valliyur, Tirunelveli	12

Sl.No	Particulars	Date	Venue	No. of Participants
4.	District Level VAVUBALI Kabaddi Tournament for Men	05/08/2024	KUZHITHURAI	12
5.	State Level Volleyball Tournament Women	07/08/2024	Kanavoor, Kanyakumari	12
6.	District Level Volleyball Tournament women	28/08/2024	Anna Stadium, Nagercoil	12
7.	District Level Volleyball Tournament	29/08/2024	Anna Stadium, Nagercoil	12
8.	District Level CM Trophy Volleyball Tournament	17/09/2024 & 18/09/2024	Anna Stadium, Nagercoil	12
9.	District Level CM Trophy Kabaddi Tournament for Men	18/09/2024	Anna Stadium	12
10.	District Level CM Trophy Volleyball Tournament women	19/09/2024	Anna Stadium, Nagercoil	12
11.	State Level Volleyball Tournament	05/10/2024.	Kalugumalai, Tuticorin	12
12.	Regional CM Trophy Weightlifting Tournament	07/10/2024	ANNA STADIUM, TIRUNELVELI	02
13.	South Zone Inter University Kabaddi Tournament	31/10/2024 to 03/11/2024	SRM UNIVERSITY, CHENNAI	12
14.	South West Inter – University Weightlifting Tournament	30/11/2024 to 03/12/2024	NAGARJUNA UNIVERSITY, ANDRA PRADESH	2
15.	State Level Volleyball Tournament	01/12/2024.	Kadunganeri, Tenkasi District	12
16.	State Level Volleyball Tournament	01/12/2024	Eravadi, Tirunelveli	12
17.	State Level Volleyball Tournament Women	01/12/2024.	Valliyur, Tirunelveli	12
18.	State Level Volleyball Tournament	08/12/2024	Kalkurichy, Kanyakumari	12
19.	State Level Volleyball Tournament	03/01/2025 to 05/01/2025	Kulasekaram, Kanyakumari	12
20.	South Zone Inter – University Volleyball Tournament for Women	07/01/2025 to 11/01/2025	JEPPIAAR UNIVERSITY, CHENNAI	12

Sl.No	Particulars	Date	Venue	No. of Participants
21.	District Level Kabaddi Tournament	28/01/2025	CSI Polytechnic, Viricode	12
22.	District Level Kabaddi Tournament	30/01/2025	Unnamalaikadai	12
23.	National Level Volleyball Tournament	01/02/2025 to 02/02/2025	Kovilloor, Thiruvananthapuram	12
24.	State Level Volleyball Tournament	22/02/2025.	Anna Stadium, Tirunelveli	12
25.	National Level Volleyball Tournament	23/02/2025	Neyyattinkara, Thiruvananthapuram	12

3. Honors/ Awards/ Prizes won

Sl.No	Particulars	Date	Venue	Awards& Prizes won
1.	State Level Volleyball Tournament	13/07/2024	Kadayam, Tenkasi	Runner up
2.	State Level Volleyball Tournament	27/07/2024.	Velankanni, Nagapattinam	Second Runner up
3.	State Level Volleyball Tournament women	28/07/2024	Valliyur, Tirunelveli	Runner up
4.	District Level VAVUBALI Kabaddi Tournament for Men	05/08/2024	KUZHITHURAI	Second Runner up
5.	State Level Volleyball Tournament Women	07/08/2024	Kanavoor, Kanyakumari	Runner up
6.	District Level Volleyball Tournament women	28/08/2024	Anna Stadium, Nagercoil	Winner
7.	District Level Volleyball Tournament	29/08/2024	Anna Stadium, Nagercoil	Runner up

Sl.No	Particulars	Date	Venue	Awards & Prizes won
8.	District Level CM Trophy Volleyball Tournament	17/09/2024 & 18/09/2024	Anna Stadium, Nagercoil	Winner
9.	District Level CM Trophy Kabaddi Tournament for Men	18/09/2024	Anna Stadium	Second Runner up
10.	District Level CM Trophy Volleyball Tournament women	19/09/2024	Anna Stadium, Nagercoil	Winner
11.	State Level Volleyball Tournament	05/10/2024.	Kalugumalai, Tuticorin	Second Runner up
12.	Regional CM Trophy Weightlifting Tournament	07/10/2024	ANNA STADIUM, TIRUNELVELI	Winner & Second Runner up
13.	State Level Volleyball Tournament	01/12/2024.	Kadunganeri, Tenkasi District	Winner
14.	State Level Volleyball Tournament	01/12/2024	Eravadi, Tirunelveli	Winner
15.	State Level Volleyball Tournament Women	01/12/2024.	Valliyur, Tirunelveli	Runner up
16.	State Level Volleyball Tournament	08/12/2024	Kalkurichy, Kanyakumari	Second Runner up
17.	State Level Volleyball Tournament	03/01/2025 to 05/01/2025	Kulasekaram, Kanyakumari	Runner up
18.	District Level Kabaddi Tournament	28/01/2025	CSI Polytechnic, Viricode	Runner up
19.	District Level Kabaddi Tournament	30/01/2025	Unnamalaikadai	Winner
20.	National Level Volleyball Tournament	01/02/2025 to 02/02/2025	Kovilloor, Thiruvananthapuram	Second Runner up
21.	State Level Volleyball Tournament	22/02/2025.	Anna Stadium, Tirunelveli	Second Runner up

Sl.No	Particulars	Date	Venue	Awards & Prizes won
22.	National Level Volleyball Tournament	23/02/2025	Neyyattinkara, Thiruvananthapuram	Runner up

STATE LEVEL INTER UNIVERSITY NICHE 2nd ATHLETICS CHAMPIONSHIP For MEN 2024 – 25

- Our University Athletics Men team represented State Level Inter – University Athletics Championship and **achieved 14 medals**.

Achievement Details:

- 1) For Men 100m, KAFRIN.F of 1st year Bsc secured Bronze medal.
- 2) For Men 200m, MAHANATHAN.S of 1st year Bsc.cs secured Silver medal.
- 3) For Men 800m, PADIYAN.S of 1st year BBA.AV secured Bronze medal.
- 4) For Men 5000m, ASWATH.P of 1st year CSE secured Silver medal.
- 5) For Men 5km Race Walk, SAKTHIVEL SURYA.R of 3rd year Marine secured Bronze medal.
- 6) For Men Long Jump, DANIEL NIRANJAN of 1st year BBA secured Silver medal.
- 7) For Men Triple Jump, EMMANUEL KHUONG LIENTHAND of 1st year EEE secured Bronze medal.
- 8) For Men High Jump, PADMANABHAN.P.S of 1st year MCA secured Silver medal.
- 9) For Men Shot Put, ARYAN.M of 2nd year CSE secured Silver medal.
- 10) For Men Discuss Throw, ARYAN.M of 2nd year CSE secured Silver medal.
- 11) For Men Javelin Throw, NISHANTH.K of 1st year B.com secured Bronze medal.
- 12) For Men Hammer Throw, NISHANTH.K of 1st year B.com secured Bronze medal.
- 13) For Men 4x100m Relay Team, KAFRIN.F of 1st year Bsc, MAHANATHAN.S of 1st year Bsc.cs, SILUVAI DUNO MINEM of 1st year EEE, EMMANUEL KHUONG LIENTHAND of 1st year EEE secured Bronze medal.
- 14) For Men 4x400m Relay Team, SACHIN SELVA DEEPAK.V of 2nd year EEE, ASWATH.P of 1st year CSE, PADIYAN.S of 1st year BBA.AV, ASHWIN RAJ of 1st year FTSE secured Bronze medal.

STATE LEVEL INTER UNIVERSITY NICHE 2nd ATHLETICS CHAMPIONSHIP For WOMEN 2024 – 25

- Our University Athletics Women team represented State Level Inter – University Athletics Championship and **achieved 22 medals**.

Achievement Details:

- 1) For Women 100m, SUMIKSHA.P of 1st year B.com secured Bronze medal.
- 2) For Women 200m, ARUNA SAKTHI DEVI.S of 2nd year Bsc.Rd secured Bronze medal.

- 3) For Women 400m, ABARNA.S of 1st year B.com secured Silver medal.
- 4) For Women 800m, AJITHA.N of 1st year B.com secured Gold medal.
- 5) For Women 1500m, ABARNA.S and HARNITHA.S of 1st year B.com secured Gold and Silver medal.
- 6) For Women 5000m, DIVYA DARINJ.S of 1st year Bsc secured Bronze medal.
- 7) For Women 3km Race Walk, ARCHANA.K of 1st BBA and AJITHA.N of 1st year B.com secured Gold and Silver medal.
- 8) For Women Long Jump, ARCHANA.K of 1st year BBA and RAKSHITA.S of 1st year B.com secured Silver and Bronze medal.
- 9) For Women Triple Jump, RAKSHITA.S of 1st year B.com and MEENU.V.M of 2nd Aero secured Silver and Bronze medal.
- 10) For Women High Jump, RAKSHITA.S of 1st year B.com and SREE LEKSHMI of 2nd Aero secured Gold and Silver medal.
- 11) For Women Shot Put, ABIRAMI.M.K of 2nd year Bsc.CT secured Bronze medal.
- 12) For Women Discuss Throw, ABIRAMI.M.K of 2nd year Bsc.CT secured Silver medal.
- 13) For Women Javelin Throw, NITHISA DEVI.J of 3rd IT secured Silver medal.
- 14) For Women Hammer Throw, MEENU.V.M of 2nd Aero and , NITHISA DEVI.J of 3rd IT secured Gold and Silver medal.
- 15) For Women 4x100m Relay Team, MEENU.V.M of 2nd Aero , SREE LEKSHMI of 2nd Aero, RAKSHITA.S of 1st year B.com , SUMIKSHA.P of 1st year B.com secured Gold medal.

For Women 4x400m Relay Team, AJITHA.N, ABARNA.S, HARNITHA.S and PRITHIVIKA.M of 1st year B.com secured Gold medal.

LEARNING RESOURCE CENTRE (LIBRARY)

Name	:	LRC – LIBRARY
Librarian's Name	:	Dr.S.Lawyed Stephen
Phone No	:	9442302772
E-mail/ Website	:	library@niuniv.com

1. Resources Available :

1. Building	:	1654.7 sq.m
2. No. of Volumes	:	85130
3. No. of Titles	:	49251
4. Reference Books	:	2426
5. News Papers	:	12

- 6. Journals : 63
- 7. Theses : 509
- 8. Online Journals : 212
- 9. E Books : 984
- 10. Back Volumes : 3045
- 11. CDs/ DVDs : 1829
- 12. Book Bank : 939
- 13. Additions made during 24-25 : 1718
- 14. Online Data Bases : Nil
- 15. Digital Books : Nil
- 16. Online books : Nil

2. Staff Details :

- 1. Assistant Librarians : Nil
- 2. Assistants : 05
- 3. Helpers : 02

3. LRC LIBRARY USAGE DATA

- 1. No. of Faculty Members visited per day : 15 to 25
- 2. Average No. of Students Visited per day : 75 to 100

3. Usage of

IEEE	EBSCO	EMERALD	DELNET	INFLIBNET	NDL	NIMBUS
Yes	Nil	Nil	Yes	Yes	Yes	Nil

- 4. Average number of borrowers per day : 25 to 40
- 5. Resource sharing with other Universities: Yes, Through DELNET we are Providing Inter Library Loan to our Students and Faculty members.
- 6. Digitalisation efforts made during 2024-25
- 7. Membership details in National Digital Library (NDL)

S.No		Male	Female	Total
1	No. of Faculty Members	74	128	202
2	No. of Students Members	184	232	416
3	No. of Administrative/ Technical Staff	07	03	10

8. No. of Books discarded during 2024-25 : 17

9. Library Information System Software and opac, koha etc.: Koha and OPAC

10. Other Information:

PLACEMENT AND TRAINING

INDUSTRY, INSTITUTE, INTERFACE (III) AND TRAINING AND PLACEMENT DIVISION

Name of the Director	Nil
Name of Placement Officer	Part-time deployment from other departments: Dr. K.SivaSankar (Information Technology)
Phone No.	9486856114
Contact Fax number	04651-257266, 250266
e-mail ID/ Website	placement@niuniv.com / www.niuniv.com
Special status if any	

1. Details of the Faculty/Staff members :

S. No.	Name	Qualification	Designation	Experience	E-mail, Phone, Cell No.
1	Dr. K. Siva Sankar	M.E., Ph.D, MBA	Asso Prof & Placement Officer	17.5years	9442229791, sivasankar@niuniv.com
2	Dr.N.C.J.Packial ekshmi	M.Sc.,M.Phil. ,PhD	Assistant Professor and Assistant Placement Officer	7 years	9442076248 packialekshmi@niuniv.com

S. No.	Name	Qualification	Designation	Experience	E-mail, Phone, Cell No.
3	Ms.MaryLeela V	B.Sc.B.Ed., (SDMR), PGDCA	Junior Assistant (From December 2022)	13 years	8300138737 leelamavi@gmail.com
4	Mr. T.M.Abilash	HMCT, M.A, MLISc.,	Junior Assistant (From July 2024)	16.5 Years	9487240156 abilashcharuthejas@gmail.com
5	Mr.S.Somasekharan Nair	S.S.L.C	Junior Assistant (From May 2024)	13 Years	9488272891

2. Details of the Programmes conducted for the Faculty Members

S.No.	Programme title	Nature of the Programme	Dates	Venues	No. of faculty members Participated

3. Details of the Programmes conducted for the students on Career Development

S.No.	Programme title	Nature of the Programme	Dates	Venues	No. of students Participated
1.	Introduction to NDT Techniques	Capacity Development	23.08.2024	Placement	66
2.	Pre – Placement Training on “Get Ready for the Corporate Environment”	Capacity Development	27.08.2024	Placement	132
3.	Value Added Courses on “ Overall view if IC Fabrication”	Value Added	29.08.2024	Placement	16
4.	Value Added Courses on “ Basic Electronic Concepts and Problem Solving”	Value Added	30.08.2024	Placement	18
5.	Value Added Courses on “ Network Theorems”	Value Added	31.08.2024	Placement	21

S.No.	Programme title	Nature of the Programme	Dates	Venues	No. of students Participated
6.	Value Added Courses on “Fundamentals of device physics and problem solving”	Value Added	02.09.2024	Placement	18
7.	Value Added Courses on “Basic Circuits and problem solving”	Value Added	03.09.2024	Placement	18
8.	Value Added Courses on “ CMOS Fundamentals and Fabrications”	Value Added	04.09.2024	Placement	16
9.	Pre – Placement Training on “How to Crack the Interview”	Capacity Development	03.09.2024	Placement	122
10.	Technical Seminar on “AI – Enabled Software Engineering”	Capacity Development	26.09.2024	Placement	57
11.	Virtual Pre – Placement Training Session	Capacity Development	07.10.2024	Placement	38
12.	Career Guidance on “ Exploring International Education: A World of Possibilities”	Career Guidance	17.10.2024	Placement	87
13.	Career Motivation Program	Career Guidance	21.10.2024	Placement	48
14.	Value Added Courses on “ Safety field, NEBOSH Orientation Program”	Value Added	25.10.2024	Placement	45
15.	Value Added Courses on “ International Inspection and Testing”	Value Added	07.11.2024	Placement	92
16.	Career Guidance on “Overseas Prospects in Higher Education”	Career Guidance	11.11.2024	Placement	128

S.No.	Programme title	Nature of the Programme	Dates	Venues	No. of students Participated
17.	Value Added Courses on “English for Employment: Unlocking the Door to Success”	Value Added	19.12.2024	Placement	88
18.	Technical Seminar on “Advanced Manufacturing Techniques”	Capacity Development	31.01.2025	Placement	57
19.	Pre – Placement on “Equip students with the essential skills and knowledge”	Capacity Development	10.02.2025	Placement	45
20.	One – day workshop on “Winning Strategy for job Interviews”	Career Guidance	14.02.2025	Placement	34
21.	Workshop on “Human Resource Management in the Industries”	Value Added	20.02.2025	Placement	109
22.	Value Added Courses on “advancements in Ship Design, Inspection & Green Maritime Solution”	Value Added	20.03.2025	Placement	58
23.	Career Guidance program on “Mighty Mariner – 2025”	Career Guidance	24.04.2025	Placement	28

4. Details on Internships obtained

S.No	Organisation	No. of Internships obtained	Duration of Internship
1.	Mr.H.Charles Andrew Proprietor CJM Auto Care Marathandam	5	23.09.2024 to 27.09.2024
2.	IVS DAGUR GGM,HeadSDC,Chennai Head SDC ,ONGC,8 th Floor CMDA Tower-11,No.1	2	06.01.2025 to 07.02.2025

S.No	Organisation	No. of Internships obtained	Duration of Internship
	Gandhi Irwin Road Egmore Chennai-600008		
3.	Training HR Head Office Betul Advanced Training Institute ONGC Goa Betul,Velin South Goa, Pin-403723	2	06.01.2025 to 07.02.2025
4.	THE HR MANAGER Hindustan Organic Chemicals Ltd Ambalamugal P.O ErnakulamDist Kerala-682302	2	06.01.2025 to 06.02.2025
5.	The Deputy Training Manager (MTO,AESL) Trivandrum	1	02.01.2025 to 31.01.2025
6.	The Deputy Training Manager (MTO,AESL) Trivandrum	1	02.01.2025 to 31.01.2025
7.	THE HR MANAGER CSIR-National Aerospace Laboratories(NAL) HAL Old Airport Rd Kodihalli,Bengalure Karnataka-560017	1	05.01.2025 to 05.02.2025
8.	The Deputy Training Manager (MTO,AESL) Trivandrum	1	02.01.2025 to 31.01.2025
9.	The Deputy Training Manager (MTO,AESL) Trivandrum	1	02.01.2025 to 31.01.2025
10.	THE HR MANAGER Pentarch The Tech Designers & Builders Kanyakumari-629174	1	01.01.2025 to 31.01.2025
11.	THE HR MANAGER Pentarch The Tech Designers & Builders Kanyakumari-629174	1	01.01.2025 to 31.01.2025
12.	THE HR MANAGER Rees Builders Thittuvilai Kanyakumari-629852	1	01.01.2025 to 31.01.2025
13.	THE ENGINEER Rayan Construction Aloor,Kanyakumari, Pin:629801	1	01.01.2025 to 31.01.2025

S.No	Organisation	No. of Internships obtained	Duration of Internship
14.	THE HR MANAGER Rayan Construction 7/43,Naduthuru Nagercoil,Alur Tamil Nadu-629801	2	01.01.2025 to 31.01.2025
15.	THE HR MANAGER Pentarch The Tech Designers & Builders Kanyakumari-629174	3	01.01.2025 to 31.01.2025
16.	THE MANAGER VI Microsystem Private Ltd Nagercoil Branch Pharathar Street Near Police Station Suchindram-629704	4	16.12.2024 to 31.12.2024
17.	THE HR MANAGER Rayan Construction 7/43,Naduthuru Nagercoil,Alur Tamil Nadu-629801	2	01.01.2025 to 31.01.2025
18.	THE MANAGER VI Microsystem Private Ltd Nagercoil Branch Pharathar Street Near Police Station Suchindram-629704	3	23.12.2024 to 04.01.2025
19.	THE MANAGER Keltroh Equipment Complex Krakulam, Trivandrum	3	27.12.2024 to 08.01.2025
20.	THE HR MANAGER Pentarch the Tech Designers and Builders, Valluvar Junction , Thiruvithancode Kanyakumari District-629174 Tamil Nadu	5	10.01.2025 to 10.02.2025
21.	THE MANAGER VI Microsystem Private Ltd Nagercoil Branch Pharathar Street Near Police Station Suchindram-629704	1	02.01.2025 to 31.01.2025
22.	THE HR MANAGER Pentarch the Tech Designers and Builders Valluvar Junction ,Thiruvithancode Kanyakumari District-629174 Tamil Nadu	2	07.01.2025 to 07.02.2025

S.No	Organisation	No. of Internships obtained	Duration of Internship
23.	THE HR MANAGER Titan Company Limited Kallapalayam Sular TK,Coimbatore-641201	1	20.01.2025 to 05.02.2025
24.	The HR Manager Shriram EPC Ltd T.Nagar Chennai-600017	3	03.02.2025 to 28.02.2025
25.	The HR Manager VaigunthInfotek Potraiyadi KanyakumariDist Tamil Nadu	1	04.02.2025 To 05.05.2025
26.	The Deputy General Manager Training Institute Cochin Shipyard Ernakulam-682015	1	03.03.2025 to 21.03.2025
27.	The Senior Manager (HR) Nuclear Power Corporation of India Ltd Kudankulam Nuclear Power Plant RadhapuramTaluk,ThirunelveliDist	1	07/04/2025 From a Week to Month
28.	The HR Manager Keltron Equipment Complex Keltron Junction 8 th Stone Karakullam (P.O) Tiruvandrum Dist-695564	1	06.05.2025 to 10.05.2025
29.	The HR Manager Harry Ford KuravanKonam Opp Market Junction P.O Kowdiar Thiruvananthapuram Kerala-695003	3	16.06.2025 to 24.06.2025
30.	The HR Manager ARAS PVPV Automobiles Pvt,Ltd Nagercoil-629002	1	16.06.2025 to 20.06.2025
31.	The Zonal Director Fishery Survey of India Marine Engineering Division IFP Road Cochin-682016	1	24.06.2025 to 30.06.2025

5. Details of the Placement interviews organised

S.No.	Title of the Interview	Prospective Employer Name	Dates	Venue	No. of students participated
1.	Graduate Trainee	NCR ATLEOS - NCR Corporation India Pvt Ltd, Chennai (ATM Manufacturing Company)	28.08.2024	Placement	130
2.	Assembly Line Operator & Quality Test Engineer	Vertical Solution [Foxconn Hon Hai Technology India Pvt Ltd] Chennai.	04.09.2024	Placement	39
3.	Engineer Trainee & Engineer Trainee - Safety	Ashok Leyland Limited, Chennai.	05.09.2024	Placement	104
4.	Software Engineer	SiMAX Tech Pvt Ltd., Bangalore.	05.09.2024	Placement	15
5.	Software Engineer	PRJ Consulting PTY Ltd (Trading as 3 Columns)	Off Campus	Placement	02
6.	Graduate Engineer Trainee	Delphi TVS Technologies Ltd., Chennai.	08.10.2024	Placement	54
7.	GET – Safety Officer	Adani Enterprises Limited, Gujarat	17.10.2024	Placement	06
8.	JR Technician Engg	VERTEX Aviation Pvt., Ltd.,	28.12.2024	Placement	04
9.	Engineer Trainee & Engineer Trainee - Safety	Ashok Leyland Limited, Foundry Division, Ennore, Chennai	05/02/2025	Placement	47
10.	GET – Quality / Production	JBM Auto Limited , Chennai	18/02/2025	Placement	60
11.	Business Development Associate	Ramachandran Retail Private Limited	21/02/2025	Placement	53
12.	Jr.BIM Modeler	Bose Design Xpress Bim Pvt Ltd., Chennai.	21.03.2025	Placement	10

S.No.	Title of the Interview	Prospective Employer Name	Dates	Venue	No. of students participated
13.	Design Engineer	Topsides Engineering Consultancy FZE (UAE)	25.04.2025	Placement	45
14.	Full Stack Developer, Business Analyst Marketing	SART Pvt Ltd.,	25.04.25	Placement	46
15.	Business Development Executive, HR-Executive	Topsides Engineering Consultancy FZE (UAE)	16.05.2025	Placement	34
16.	Graduate Engineer Trainee	TVS Sundaram Fasteners Limited, Chennai	19.05.2025	Placement	9
17.	Safety Officer	Indian Commerce and Industries Co. Ltd, Chennai	23.05.2025	Placement	2
18.	Renal Dialysis Technician & Cardiac Care Technician	NIMS Medicity, Neyyattinkara	31.05.2025	Placement	26
19.	Associate Trainee	Seoyon E - Hwa Summit Automotive India Pvt., Ltd., Kanchipuram	04.06.2025	Placement	41
20.	Associate	PB Fintech Ltd., Chennai (Paisabazaar.com Group)	05.06.2025	Placement	25
21.	Associate	Tech Mahindra, Chennai.	05.06.2025	Placement	18
22.	Engineer Trainee	A Leading EV – Based Bus Manufacturing Company (Ashok Leyland)	09.06.2025	Placement	9
23.	Threat Analyst 1	Sophos Technologies Private Ltd., Ahmedabad	20.06.2026	Placement	02

6. Details of MOUs signed

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7. Details of the Finishing School/ Certificate course conducted

S.No.	Name of the Programme	No. of Students Participated	No.of Students Passed
1.	Finishing School	All B.E/B.Tech& MCA	All B.E/B.Tech& MCA

8. Summery Statistics on placement during 2024-25

S.No.	Particulars	Count
1	Placement Interview On Campus Off Campus	18 5
2	No. of companies visited	18
3.	No. of students attended the placement interviews	731
4.	No. of eligible students	190
5.	Eligible students ratio	1: 2.2
6.	Job offers received	305
7.	Offer per eligible student	1: 1.60
8.	Salary Range (Rs. in lakhs)	1.8 LPA to 10.12 LPA
9.	Mean salary offered	3.06 LPA
10	Job offers obtained for outside students	31 [NI – ITI] 03 – St.Xavier’s College 01 – Narayanaguru College

9.Details of the Steve Jobs scholar ships awarded:

S.No.	Name of the Department	Boys	Girls	Remarks
1.	Selected students from All B.E/B.Tech, MCA	29	14	

9. Other Information :

CONTROLLER OF EXAMINTAIONS

1.General Information

Title of the Office	Controller of Examinations
Name of the COE	Dr.M.K.Jeyakumar (Mob.No.9486856115)
Name & Phone number of the Deputy COEs	Dr.Mary Synthia Regis Prabha (Mob.No.:9940877270) Dr.P.K.Praseetha (Mob.No.:948655091)
Website/ E-mail	www.niuniv.com/coe@niuniv.com

2. Convocation Details

1. Number of Convocation :32nd Convocation
2. Held on :27-12-2024
3. Chief Guest : Dr. (Mrs.) N. KALAI SELVI
Director General, Council of Scientific &
Industrial Research, Anusandhan
Bhawan,
2, Rafi Marg, New Delhi - 110001

3. Candidate Admitted for 32nd Convocation :

S.No.	Department	UG	PG	M.Phil.	Ph.D.	Total
1.	Faculty Aeronautical and Space Technology	57	3		1	61
2.	Faculty of Information and Computer Engineering	44	40		23	107
3.	Faculty of Electrical and Electronics Engineering	11	8		21	40
4.	Faculty of Computer Science	4	-		3	7
5.	Faculty of Mechanical Engineering	71	11		7	89
6.	Faculty of Civil Engineering	22	8		5	35
7.	Faculty of Management Studies	25	75		7	107
8.	Faculty of Technology	8	-		18	26
9.	Faculty of Science and Humanities	0	7		-	7
10.	Faculty of Marine Engineering	11	-		-	11
11.	Faculty of Allied Health Sciences	72	-		-	72
Sub Total:		325	152		85	562

4. Examination Results Dec 2024:

S. No	Course	S1				S3				S5				S7			
		Strength	App	Pas s	Pass %	Strength	App	Pass	Pas s %	Strength	App	Pass	Pass %	Strength	App	Pas s	Pas s %
1	B.E./B.Tech./BBA/B.Com.BCA/B.Sc.BASLP	612	612	273	45	353	353	165	46	268	268	175	65	194	194	166	86
2	M.E./M.Tech/MBA/MCA/M.A./M.Sc	132	132	73	55	165	118	93	79	-	-	-	-	-	-	-	-

Examination Results May 2025:

S. No	Course	S2				S4				S6				S8			
		Strength	App	Pas s	Pass %	Strength	App	Pass	Pas s %	Strength	App	Pass	Pass %	Strength	App	Pas s	Pas s %
1	B.E./B.Tech./BBA/B.Com/B.Sc/BCA	571	571	277	74	383	383	188	49	276	149	169	61	255	255	183	72
2	M.E./M.Tech/MBA/MCA/M.A./M.Sc	132	132	73	55	116	116	94	81	-	-	-	-	-	-	-	-

6. List of Rank Holders in May 2024

Degree & Branch: B.E. Aeronautical Engineering	Month & Year of Pass: May-2024

Sl. No.	Reg. No.	Name	CGPA	Classification	Total	Rank
1.	1120201004	Sharon P	9.18	First Class with Distinction	4099	1 (Gold Medal)
2.	1120201006	Yadav Tejas Rajendra	8.68	First Class with Distinction	3811	2

Degree & Branch: B.E. Aerospace Engineering	Month & Year of Pass: May-2024

Sl. No.	Reg. No.	Name	CGPA	Classification	Total	Rank
1.	1120202009	Nainari Bhavana	9.32	First Class with Distinction	4199	1 (Gold Medal)
2.	1120202005	Anumandla Chaithanya	9.23	First Class with Distinction	4069	2
3.	1120202011	Sofiya D S	9.08	First Class with Distinction	4043	3

Degree & Branch: B.E. Electronics and Communication Engineering	Month & Year of Pass: May-2024

Sl. No.	Reg. No.	Name	CGPA	Classification	Total	Rank
1.	1121310001	Ajin E	7.50	First Class	3531	1 (Gold Medal)

Degree & Branch: B.E. Electrical and Electronics Engineering	Month & Year of Pass: May-2024

Sl. No.	Reg. No.	Name	CGPA	Classification	Total	Rank
1.	1120209003	Thanga Saravana B	9.31	First Class with Distinction	4144	1 (Gold Medal)
2.	1120209001	Pravin M	9.09	First Class with Distinction	4037	2
3.	1121309004	Parvathy K S	8.34	First Class	3716	3

Degree & Branch: B.E. Electronics and Instrumentation Engg.	Month & Year of Pass: May-2024

Sl. No.	Reg. No.	Name	CGPA	Classification	Total	Rank
1.	1120211001	Anton Kaeber S	7.95	First Class	3574	1
2.	1121311001	Joshua Roy S P	7.28	First Class	3347	2

Degree & Branch: B.E. Civil Engineering	Month & Year of Pass: May-2024

Sl. No.	Reg. No.	Name	CGPA	Classification	Total	Rank
1.	1121306008	Nowfal Riffan A	8.40	First Class	3809	1 (Gold Medal)
2.	1121306011	Sooraj Kumar S	7.80	First Class	3566	2
3.	1121306013	Sreehari R	7.76	First Class	3530	3

Degree & Branch: B.E. Mechanical Engineering	Month & Year of Pass: May-2024

Sl. No.	Reg. No.	Name	CGPA	Classification	Total	Rank
1.	1120217004	Anandhu K L	8.52	First Class with Distinction	3957	1 (Gold Medal)
2.	1120217010	Gowtham B	8.35	First Class	3895	2
3.	1121317023	Muhammed Arif S	7.87	First Class	3737	3

Degree & Branch: B.E. Computer Science and Engg.	Month & Year of Pass: May-2024

Sl. No.	Reg. No.	Name	CGPA	Classification	Total	Rank
1.	1120208014	Nithin V N	8.51	First Class with Distinction	3740	1 (Gold Medal)
2.	1120208021	Naveen Kumar K	8.24	First Class	3628	2
3.	1120208016	Riya Rajeevan C	8.33	First Class	3619	3

Degree & Branch: B.E. Marine Engineering	Month & Year of Pass: May-2024

Sl. No.	Reg. No.	Name	CGPA	Classification	Total	Rank
1.	1121315005	Nandhakumar V	9.24	First Class with Distinction	4458	1 (Gold Medal)
2.	1121315007	Sivasankar D	8.80	First Class with Distinction	4303	2

Degree & Branch: B.E. Biomedical Engineering	Month & Year of Pass: May-2024

Sl. No.	Reg. No.	Name	CGPA	Classification	Total	Rank
1.	1120204002	Gopika P R	8.78	First Class with Distinction	3939	1 (Gold Medal)

Degree & Branch: B.Tech. Fire Technology and Safety Engg.	Month & Year of Pass: May-2024

Sl. No.	Reg. No.	Name	CGPA	Classification	Total	Rank
1.	1120225006	Syed Rashid A	8.93	First Class with Distinction	3922	1 (Gold Medal)
2.	1120225005	Muhammed Hafis K. M	8.36	First Class	3696	2
3.	1121325001	Absar A	8.11	First Class	3590	3

Degree & Branch: B.Tech. Information Technology	Month & Year of Pass: May-2024

Sl. No.	Reg. No.	Name	CGPA	Classification	Total	Rank
1.	1120213012	Sreeram N	8.46	First Class	3655	1 (Gold Medal)

Degree & Branch: B.E. Artificial Intelligence and Data Science	Month & Year of Pass: May-2024

Sl. No.	Reg. No.	Name	CGPA	Classification	Total	Rank
1.	1120237001	Jino R	8.23	First Class	3610	1

Degree & Branch: B.E. Aircraft Maintenance Engineering	Month & Year of Pass: May-2024

Sl. No.	Reg. No.	Name	CGP A	Classification	Total	Ran k
1.	1120228015	Koushitha C A	9.64	First Class with Distinction	3778	1
2.	1120228034	Yuvaraj N	9.41	First Class with Distinction	3685	2
3.	1120228007	Ashlin Varsha A P	9.39	First Class with Distinction	3639	3

Degree & Branch: M.E. Aeronautical Engineering	Month & Year of Pass: May-2024

Sl. No.	Reg. No.	Name	CGP A	Classification	Total	Rank
1.	1122501001	Christson Daniel S P	9.16	First Class with Distinction	1543	1

Degree & Branch: M.E. Applied Electronics	Month & Year of Pass: May-2024

Sl. No.	Reg. No.	Name	CGP A	Classification	Total	Rank
1.	1122509003	Sreejith S	9.01	First Class with Distinction	1491	1

Degree & Branch: M.E Control and Instrumentation Engineering	Month & Year of Pass: May-2024

Sl. No.	Reg. No.	Name	CGP A	Classification	Total	Rank
1.	1122511002	Balasubramani U	9.13	First Class with Distinction	1506	1

Degree & Branch: M.E. Structural Engineering	Month & Year of Pass: May-2024

Sl. No.	Reg. No.	Name	CGP A	Classification	Total	Rank
1.	1122506015	Mollykutty Emmanuel	8.54	First Class with Distinction	1478	1 (Gold Medal)
2.	1122506005	Athira S	8.58	First Class with Distinction	1475	2
3.	1122506004	Anistan Nixon	8.54	First Class with Distinction	1450	3

Degree & Branch: M.E. Computer Integrated Manufacturing	Month & Year of Pass: May-2024

Sl. No.	Reg. No.	Name	CGP A	Classification	Total	Rank
1.	1122523003	Giju Mon D K	7.67	First Class	1302	1

Degree & Branch: M.E Automobile Engineering	Month & Year of Pass: May-2024

Sl. No.	Reg. No.	Name	CGP A	Classification	Total	Rank
1.	1122503002	Subin H	8.94	First Class with Distinction	1668	1

Degree & Branch: M.E Cyber Security	Month & Year of Pass: May-2024

Sl. No.	Reg. No.	Name	CGP A	Classification	Total	Rank
1.	1122531002	Aslin Sushmitha R	9.07	First Class with Distinction	1561	1
2.	1122531003	Jyothi Lekshmi K S	8.82	First Class with Distinction	1493	2

Degree & Branch: Master of Business Administration	Month & Year of Pass: May-2024

Sl. No.	Reg. No.	Name	CGPA	Classification	Total	Rank
1.	1122514018	Arul Sangeetha A	8.67	First Class with Distinction	2345	1 (Gold Medal)
2.	1122514029	Fathimathu Suhura	8.43	First Class	2282	2
3.	1122514060	Ponnu Lekshmi R S	8.26	First Class	2228	3
4.	1122514022	Asima A	8.21	First Class	2211	4
5.	1122514089	Meenakshy L	8.18	First Class	2202	5

Degree & Branch: M.Sc. Physics	Month & Year of Pass: May-2024

Sl. No.	Reg. No.	Name	CGP A	Classification	Total	Rank
1.	1122720007	Varsha V B	8.31	First Class	1814	1 (Gold Medal)
2.	1122720003	Ashilin Jafi C	8.06	First Class	1757	2
3.	1122720006	Parvathi M S	7.87	First Class	1698	3

Degree & Branch: Master of Computer Applications	Month & Year of Pass: May-2024

Sl. No.	Reg. No.	Name	CGP A	Classification	Total	Rank
1.	1122507019	Jercy L	8.90	First Class with Distinction	1914	1 (Gold Medal)
2.	1122507010	Aswini M	8.93	First Class with Distinction	1912	2
3.	1122507011	Bazeena A	8.81	First Class with Distinction	1854	3

Degree & Branch: Forensic Science	Month & Year of Pass: May-2024

Sl. No.	Reg. No.	Name	CGP A	Classification	Total	Rank
1.	1121635005	Anukiruba G S	8.54	First Class with Distinction	3701	1 (Gold Medal)
2.	1121635002	Abi Jahisha E	8.62	First Class with Distinction	3686	2
3.	1121635015	Sharath S G	8.37	First Class	3615	3

Degree & Branch: B.Sc. Human Genetics and Molecular Biology	Month & Year of Pass: May-2024

S.No	Reg. No.	Name	CGP A	Classification	Total	Rank
1.	1121604002	Nahidha Parveen V	9.63	First Class with Distinction	4271	1
2.	1121604001	Asir Paul M	9.28	First Class with Distinction	4181	2
3.	1121604003	Suthika S A	8.63	First Class with Distinction	3922	3

Degree & Branch: B.Sc. Computer Science	Month & Year of Pass: May-2024

S.No	Reg. No.	Name	CGP A	Classification	Total	Rank
1.	1121621006	Aswin Jenitto V	7.24	First Class	3052	1 (Gold Medal)
2.	1121621010	Gilbert V	6.93	First Class	2939	2

Degree & Branch: Bachelor of Business Administration	Month & Year of Pass: May-2024

<i>Sl. No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGP A</i>	<i>Classification</i>	<i>Total</i>	<i>Rank</i>
1.	1121614035	Sudhannya J	7.07	First Class	2769	1 (Gold Medal)

Degree & Branch: B.Sc. Cardiac Care Technology	Month & Year of Pass: May-2024

<i>Sl. No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGP A</i>	<i>Classification</i>	<i>Total</i>	<i>Rank</i>
1.	1120633006	Anamika S R	8.86	First Class with Distinction	4040	2
2.	1120633003	Afsana S	8.70	First Class with Distinction	3964	3

Degree & Branch: B.Sc. Renal dialysis Technology	Month & Year of Pass: May-2024

<i>Sl. No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGPA</i>	<i>Classification</i>	<i>Total</i>	<i>Rank</i>
1.	1120634004	Alaka P Raj	8.65	First Class with Distinction	3943	2
2.	1120634017	Maneesha T U	8.60	First Class with Distinction	3875	3

Degree & Branch: B.Sc. Perfusion Technology	Month & Year of Pass: May-2024

<i>Sl. No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGP A</i>	<i>Classification</i>	<i>Total</i>	<i>Rank</i>
1.	1120632001	Femi Juliet R	9.71	First Class with Distinction	4140	1 (Gold Medal)
2.	1120632005	Prema P	8.85	First Class with Distinction	4050	3

Degree & Branch: BASLP	Month & Year of Pass: May-2024

<i>Sl. No.</i>	<i>Reg. No.</i>	<i>Name</i>	<i>CGP A</i>	<i>Classification</i>	<i>Total</i>	<i>Rank</i>
1.	1120636005	Heesa Haseef	8.50	First Class with Distinction	3034	1 (Gold Medal)
2.	1120636004	Fathima Salahudeen	8.50	First Class with Distinction	3028	2
3.	1120636009	Reshma S	8.41	First Class	3010	3

7. Schedule of Exams / Results : Dec-2024

Semester	Course	Exams held from to	Results Published on
First	B.E,B.Tech.	04-02-2025 To 12-02-2025	19-02-2025
First	BBA,BCA,B.Com., B.Sc., M.E, M.Tech., MBA, MCA, M.A, M.Sc.	04-02-2025 To 17-02-2025	19-02-2025
First	BASLP	21-04-2025 To 02-05-2025	09-05-2025
Third	B.E., B.Tech., BBA, B.Com., BCA, B.Sc.CS, B.Sc.FS, B.Sc.HGMB	10-12-2024 To 21-12-2024	27-12-2024
Third	M.E., M.Tech, MBA, MCA, M.A., M.Sc.	10-12-2024 To 21-12-2024	27-12-2024
Third	B.Sc. CT, PT, RD	03-01-2025 To 17-02-2025	19-02-2025
Third	BASLP	03-01-2025 To 17-02-2025	19-02-2025
Fifth	B.E., B.Tech. BBA, B.Com., B.Sc.CS, B.Sc.FS, B.Sc.CF	26-11-2024 To 21-12-2024	27-12-2024
Fifth	B.Sc. CT, PR, RD & BASLP	03-01-2025 To 17-02-2025	19-02-2025
Seventh	B.E., B.Tech.	26-11-2024 To 21-12-2024	27-12-2024
Third	Ph.D.	23-01-2025 To 04-02-2025	06-03-2025

Schedule of Exams / Results : May-2025

Semester	Course	Exams held from to	Results Published on
Second	B.E,B.Tech.,BBA,BCA,B.Com., B.Sc., M.E, M.Tech., MBA, MCA, M.A, M.Sc.	02-07-2025 To 18-07-2025	24-07-2025
Second	BASLP		Exam not yet completed
Fourth	B.E., B.Tech., BBA, B.Com., BCA, B.Sc.CS, B.Sc.CF, B.Sc.FS, B.Sc. HGMB	26-05-2025 To 18-06-2025	25-06-2025
Fourth	M.E., M.Tech, MCA	26-05-2025 To 18-06-2025	25-06-2025
Fourth	MBA, M.A., M.Sc.	26-05-2025 To 18-06-2025	23-06-2025
Fourth	B.Sc. CT, PT, RD	10-06-2025 To 18-06-2025	25-06-2025
Fourth	BASLP	02-07-2025 To 18-07-2025	24-07-2025

Semester	Course	Exams held from to	Results Published on
Sixth	B.E., B.Tech. BBA, B.Com., B.Sc.CS, B.Sc.FS, B.Sc.CF	27-05-2025 To 18-06- 2025	25-06-2025
Sixth	B.Sc. CT, PR, RD BASLP	03-07-2025 To 18-07- 2025	24-07-2025
Eighth	B.E., B.Tech. (Except B.E.Marine)	08-05-2025 To 12-05- 2025	16-05-2025
Eighth	B.E. Marine Engineering		Exam not yet completed
Second	Ph.D.	16-07-2025 To 19-07- 2025	26-07-2025

8. Supplementary Examinations held for Sept-2024

S.No	Dates of holding Examinations	Date of Publication of results
1	27-08-2024 to 29-08-2025	09-09-2024

9. Status on National Academic Depository (NAD)

Uploaded the degree Certificate of the students for the year 2016-2017, 2017-2018, 2018-2019, 2019-2020, 2020-2021, 2021-2022, 2022-2023, 2023-2024 in Digi Locker and it is on live to access. Total number of Degree Certificate uploaded is 5072.

Total mark sheet of the students admitted from 2021 is 3005 and the total ABC IDs created is 1391. The total number of Unique APAAR IDs seeded with Credits is 1689. Total number of awards lodged till now is 8077.

10. Any other Information : Nil

INNOVATION CELL

1. Name of the Cell : Institutions Innovation Council
(Innovation Cell)
2. Director/ Convener/ Nodal Officer/ Faculty Incharge : Dr. Rimal Isaac R S (Convener)
3. E-mail , Phone no : rimalisaac@gmail.com, 9443314203
4. Details of other members

S.No.	Name	Designation	Department
1.	Dr. A. Shajin Nargunam	President, Pro Vice Chancellor (Academics), Director Academic Affairs	NICHE
2.	Dr. Kinslin D	Vice President, Professor, Director-Industry-Institute Collaboration	Faculty of Management Studies, NICHE
3	Dr. R. S. Rimal Isaac	Convener, Assistant Professor, Incubation Centre Coordinator	Department of Nanotechnology, NICHE
4	Mr. MathanKumar S	Innovation Activity Coordinator, Assistant Professor	Department of Civil Engineering, NICHE
5	Dr. Sindia T V	Internship Coordinator, Assistant Professor	Department of Information Technology, NICHE
6	Dr. Albert Jerome S	IPR Activity Coordinator, Associate Professor	Department of Biomedical Engineering, NICHE
7	Dr. Unni Krishnan A	Social Media Coordinator, Assistant Professor	Department of Mechanical Engineering, NICHE
8	Dr. PackiaLekshmi N C J	ARIIA Coordinator, Assistant Professor	Department of Allied Health Science, NICHE
9	Dr. Jayan J P	NIRF Coordinator, Associate Professor, Director IQAC	Department of Software Engineering, NICHE

5. Details of the Programmes conducted :

S.No.	Programme	Date	No. of Participants	Remarks
1	Awareness Program on Entrepreneurship and Innovation	23-10-2024	60	Dr. S. POORNIMA Innovation Ambassador (IIC) and Master

S.No.	Programme	Date	No. of Participants	Remarks
				Trainer (2021-22, EDC) Assistant Professor in Biotechnology, Noorul Islam College of Arts & Science, Kanyakumari
2	Entrepreneurship in the Digital Age: IT Pathways for Future Business Leaders	18-10-2024	55	Mr. SATEESH KUMAR CO CHAIR, YI INNOVATION FOUNDER, AGILE TRIBE
3	Ratan Tata - Leadership Essay Contest	17-10-2024	70	Conducted along with Literary Club
4	Institutions Innovation Day	15-10-2024	60	Mr. Gokul Kumar S, Co Founder, Flutterfrog Software Solutions LLP
5	You Can Invent	14-03-2025	250	Guest of Honour: Er. PRAVEEN VETTIYATTIL MS (University of Southern California) CEO, YCI Technologies & TED Speaker

6. Details of Meetings held

S.No.	Date/ Day / Time	Venue	Out come
1.	09-07-2025	Robotics Lab	1. Discussed the yearly activities of IIC

7. Other Information (if any)

INTERNAL QUALITY ASSURANCE CELL

1. Name of the Cell : **Internal Quality Assurance Cell**

2. Director/ Convener/ Nodal Officer/ Faculty Incharge : Dr.J.P. Jayan, Director

3. E-mail , Phone no : 9486856112 / 9488081200

4. Details of other members

IQAC Composition

Chairman	Dr. Tessy Thomas	Vice-Chancellor
One Member from the Management	Dr.K.A.Janardhanan	Pro Vice-Chancellor (Admin)
A Few Senior Administrative Officers	Dr.P.Thirumalvalavan	Registrar
	Dr. M. K. Jeya Kumar	Controller of Examinations
	Dr.A. ShajinNargunam	Pro Vice-Chancellor (Academic)
	Mr. S.I. Srinivasan	Account Officer
Senior Teachers	Dr.J.Joseph	Professor / Chemistry
	Dr. S. Beula	Associate Professor / CA
	Dr.B. Stanly Jones Retnam	Associate Professor / Auto
	Dr. Mary Synthuja Jain Preetha	Associate Professor/ EEE
	Dr. D. Sheeba Singh	Assistant Professor/ Mathematics

	Dr. E. Shahi	Assistant Professor/ ECE
	<u>Dr. N. C. J. Packia Lekshmi</u>	Assistant Professor/ AHS
	Dr.S.Lawyed Stephen	Librarian
One Member from Industry	Mr.S. Eben Monic	Manager - Client Service Delivery Management at West Corporation
One Member from Local Society	Mr. P. Reghukumar	Advocate
One Member from Alumni	Dr. J. Jesu Vedha Nayahi	Assistant Professor (Senior Grade) AU/Tiruelveli
Director - IQAC	Dr. J. P. Jayan	Ass. Prof. and Head / SE
Coordinator- IQAC	Dr.S. Felix Stephen	Assistant Professor/EIE

IQAC-NAAC Data Preparation Committee

	Dr. J.P. Jayan – Director Dr. S. Felix Stephen – Coordinator		Designation / Department
I	Curricular Aspects	Dr. S. Beulah (Convener)	ASP / CA
		Dr. V. S. Bindhu (Co-Convener)	AP / EEE
		Dr. G. Beni	ASP / CSE
		Dr. A. Unni Krishnan	AP / Mech
		Dr. S. Nisha Nels	AP / AME
		Mrs. Bushra Beevi R	AP / AHS
		Dr. J. R. Inbasaharan	AP / MBA
II	Teaching Learning and Evaluation	<u>Dr. N. C. J. Packia Lekshmi (Convener)</u>	AP / AHS
		Dr. S. Jerine (Co-Convener)	ASP / SE
		Dr. S. Albert Jerome	ASP / BME
		Dr. R. Roslin	AP / CVL
		Dr. K. Asha	AP / MBA
		Mr. G. Jelintaric	AP / CSE
III	Research Innovation and Extension	Dr. J. Joseph (Convener)	Prof / CHE
		Dr. H. Vennilla (Co-Convener)	ASP / EEE
		Dr. R. Ramesh Palappan (DD – Research)	AP / Mech
		Dr. J. E. Judith	ASP / CSE
		Dr. T.K. Sreeja	ASP / NT
		Dr. R. R. Rimal Issac	AP / NT
		Dr. K. Jai Aultrin	AP / Marine
IV	Infrastructure and Learning Resources	Dr. D. Shahi (Convener)	AP / ECE
		Dr. S. Binu Sathiya (Co-Convener)	AP / EIE
		Dr. M. Sudha	AP / Maths
		Dr. V. Antony Vincent	AP / Aero
		Mr. R. Rabin	AP ASE

V	Student Support and Progression	Dr. B. Stanly Jones Retnam (Convener)	ASP / Auto
		Dr. T.V. Sindia (Co-Convener)	AP / IT
		Dr. D. Menaka	ASP / EIE
		Mr. B.V. Subhanandh	AP / ASE
		Mrs. N. Alex Dorwina	AP / Civil
		Ms. K.M. Divya	TA / AHS
VI	Governance Leadership and Management	Dr. D. Sheeba Singh (Convener)	AP / Maths
		Dr. V. N. Meena Devi (Co-Convener)	ASP / Physics
		Dr. T. Brindha	ASP / IT
		Dr. M. B. Jayalekshmi	AP / IT
		Ms.M.Tharanya	TA / MCA
VII	Institutional Values and Best Practices	Dr. Mary Synthuja Jain Preetha (Convener)	ASP / ECE
		Dr. S. Anith Janet Mary (Co-Convener)	ASP / EEE
		Dr. P. Deepa	ASP / English
		Dr. T. Judson Durai	AP / Mech
		Dr. V.A. Tibbie Pon Symon	AP / EEE

5. Details of the Programmes conducted :

S.No.	Programme	Date	No. of Participants	Remarks
1	Workflow Automation with AI in Excel / Word	16-12-2024 to 20-12-2024	49	Participants will gain insights into the core concepts of Generative AI, including its capabilities, limitations, and potential applications in research. Gain practical experience and skills for ongoing and future research.
2	Awareness programme on “Suvitha Samagam”,	27th February 2025	55	The sessions helped clear many misconceptions regarding EPF procedures and promoted the adoption of digital platforms for managing provident fund accounts.

6. Details of Meetings held

S.No.	Date/ Day / Time	Venue	Out come
1	30.07.2024 / 2.30pm	VC Conference Hall	• Observation of the previous academic audit committee report were discussed with the HODs. They were advised to review them and incorporate necessary steps. • Discussion on the internal and external Administrative and Academic Audit Committee conducted the audit of all the teaching Departments from 27th August 2024 to 4th September 2024.
2	23.04.2025 / 10.00am	VC Conference Hall	• The Action Taken Report submitted for the 24th IQAC meeting was discussed and it was approved. • Director IQAC explained the current needs of NAAC regarding IQAC. Also briefed about the procedures followed in the academic and administrative audit for the academic year 2023-2024. • IKS Centre should be created before 31st May 2025.

7. Details of Academic and Administrative Audits conducted

S.No.	Date/ Day / Time	Out come
1	27 th August 2024 to 4 th September 2024	• Use interactive and hands-on activities to engage students. Practical coding exercises and projects help reinforce learning. • Recognize that students have different learning paces and styles. Encourage self-paced learning and provide opportunities for students to choose projects or topics of interest. • The departmental academic calendar should align with the overall academic schedule of the institution and outline specific activities, events, and priorities for the department. • Research Manuel and Policy should be created on the UGC guidelines.

		• It is recommended to conduct Research Advisory Committee Meeting every month. And also BRDC Meeting once in 6 months. • New scholarships for the benefit of the students should be introduced. • Placement and higher studies of outgoing students should be monitored by the Department Academic Coordinators.

8. Other Information (if any)

NICHE-IQAC has recommended,

- The Board of Research, Development and Consultancy (BRDC) to provide activities by encouraging and regulating the research activities.
- The Placement training cell to help students in for developing specific skills related to their preferred subject or domain to stay ahead in the competition is maintained.
- Library to strengthened the policy by providing the framework for library operations and services which helps to ensure high-quality library service for community needs, wise use of library resources, and fair treatment of library staff and library users.

OBC CELL

1. Name of the Cell : OBC Cell
2. Director/ Convener/ Nodal Officer/ Faculty Incharge : Dr.A. Anitha
3. E-mail , Phone no : anithadathi@gmail.com,
9486473593
4. Details of other members

S.No.	Name	Designation	Department	Qualification
1.	Dr. A. Anitha	Associate Professor	Computer Science and Engineering	B.E., M.E., Ph.D
2.	Dr. Felix Stephen S	Assistant Professor	Electronics and Instrumentation Engineering	B.E., M.E., Ph.D
3.	Ms. Anusha Linda Kostka J. E	Assistant Professor	Biomedical Engineering	B.E, M.E

5. No. of Complaints Received : Nil

6. No. of Complaints Disposed : Nil

7. No. of Complaints Pending : Nil

8. Details of Meetings held

S.No.	Date/ Day / Time	Venue	Out come
Nil	Nil	Nil	Nil

9. Other Information (if any)
Nil

INTERNAL COMPLIANCE COMMITTEE

1. Name of the Cell : Internal Compliance Committee

2. Director/ Convener/ Nodal Officer/
Faculty Incharge : Dr. K. Uma Samundesvari

3. E-mail , Phone no : umasamundesvari@niuniv.com
9894071318

4. Details of other members

S.No.	Name	Designation	Department	Qualification
1.	Dr.Uma Samundesvari	Convener(ICC) and ASP /HoD(i/c)	Mathematics	M.Sc.,M.Phil.,Ph.D., PGDCA, SET
2.	Dr. J. R. Jeba	Member Secretary- ICC,Professor and HoD	MCA	MCA.,M.Phil.,Ph.D.
3.	Ms. R. Ramani Kannan	External Expert	NGO	
4.	Mr. P. Reghu Kumar	External Expert	Advocate	
5.	Dr. G. Arockia Selva Saroja	ASP and HoD	Allied Health Sciences	M.E.,Ph.D.

S.No.	Name	Designation	Department	Qualification
6.	Dr. S. S. Kumar	ASP and HoD	EIE	M.E.,Ph.D.
7.	Dr.H. Vennila	ASP	EEE	M.E.,Ph.D.
8.	Dr. Rini Susan Alexander	Deputy Director inPhysical Education for Girls Students	Physical Education	
9.	Ms. R. Sree Lekha	Admin Rep Member	Office	Junior Assistant
10.	V. Shyamala	Service Staff Rep Member	Peon	BBA
11.	Ms. Aleena Rajeev	Student Representative	S5 AME	
12.	Ms. Rifana H	Student Representative	S5 BBA	
13.	Ms. M. Priya	Student Representative	S5 BM	
14.	Ms. D. A. Dona	Student Representative	S5 CSE	
15.	Ms.Neeraja	Full Time Research Scholar	Physics	

5. No. of Complaints Received :Nil

6. No. of ComplaintsDisposed :Nil

7. No. of Complaints Pending :Nil

8. Details of Meetings held

S.No.	Date/ Day / Time	Venue	Out come
1.	06-09-2024 3:45 p.m	Hill Top Auditorium, NICHE	The programme effectively enhanced awareness on sexual harassment and drug abuse, fostering a safe, respectful, and drug-free campus environment at NICHE.
2.	25-10-2024 , 2.00 p.m	Audio Visual Hall, NICHE	This programme empowered students with awareness and practical strategies to address adolescent challenges, promoting early intervention and peer support.

9. Other Information (if any)

SC/ ST CELL

1. Name of the Cell : SC/ ST Cell
2. Director/ Convener/ Nodal Officer/ Faculty Incharge : Dr. V.P. Velmurugan
3. E-mail , Phone no : vpvharini@gmail.com. 98942 77753
4. Details of other members

S.No.	Name	Designation	Department	Qualification
1	Dr. Anu kuttan. A	Assistant Professor	Auronatical	M.E. Ph. D. Auro
2	Mr. Muniasamy.M	Assistant Professor	Marine	B.E. Marine Engg

5. No. of Complaints Received : NIL

6. No. of Complaints Disposed : NIL

7. No. of Complaints Pending :NIL

8. Details of Meetings held

S.No.	Date/ Day / Time	Venue	Out come
1	10/09/2024 at 1.00pm	Marine Engineering (Lab) Workshop	Decided to prevent any caste based discrimination or harassment
2	24/05/2025 at 1.00pm	Marine Engineering (Lab) Workshop	Decided to join for a Lunch in connection with a Farewell to Our Member Dr. Anukuttan who is moving for career advancement

9. Other Information (if any)

WOMEN EMPOWERMENT

1. Name of the Cell : Women Empowerment Cell

2. Director/ Convener/ Nodal Officer/ : Faculty Incharge.
 Dr.M.Immaculatemary(July 2024-Dec 2024)
 Dr.K.UmaSamundesvari(Feb 2025-till date)

3. E-mail , Phone no : imma_arul.yahoo.co.in,
 9442006514

umasamundesvari@niuniv.com,
 9894071318

4. Details of other members

S.No.	Name	Designation	Department	Qualification
1.	Dr. K.UmaSamundesvari	Convenor	HoD i/c. Mathematics	M.Sc., M.Phil., Ph.D.,PGDCA, SET
2.	Dr. J. R. Jeba	Secretary	Professor/ HoD Computer Applications	M.Sc.,M.Phil.,Ph.D.
3.	Dr. B. Bindhu	Member	Director- Students affairs and Professor / HoD Physics	M.Sc.,M.Phil.,Ph.D.
4.	Dr. G. ArockiaSelvaSaroja	Member	Associate Professor/	M.E.,Ph.D.

			HoD, Allied Health Sciences	
5.	Dr. T.V. Sindia	Member	Associate Professor/IT	M.E.,Ph.D.
6.	Dr.H. Vennila	Member	Associate Professor /EEE	M.E.,Ph.D.
7.	Dr.K. Asha	Member	Assistant Professor / MBA	B.E.,MBA,Ph.D.
8.	Dr. Rini Susan Alexander	Member	Deputy Director in Physical Education for Girls Students	Ph.D.
9.	Mrs. SreeLekha	Member	Junior Assistant Office	
10.	Ms. Jefrin.L	Member	Research Scholar Mathematics	M.Sc., (Ph.D.)
11.	Ms. ShanikaShameem .	Member	Student	S4 B.E.,(CSE)
12.	Ms. Alina Rajeev	Member	Student	S4 B.E. (AME)
13.	Ms. Shereena J	Member	Student	S2 HGMB

5. No. of Complaints Received : Nil

6. No. of ComplaintsDisposed :-

7. No. of Complaints Pending :-

8. Details of Meetings held

S.No.	Date/ Day / Time	Venue	Out come
1	15-10-2024/ 11.30 a.m	Venue: Open Air Auditorium in Brahmapuram, Kumaracoil Event : Out reachProgramme	The session empowered participants with practical insights on balancing career and personal life, exploring entrepreneurial opportunities, and maintaining good health. Attendees gained knowledge about plantain thread production and marketing strategies, as well as guidance on accessing government support for business ventures.
2	15-10-2024/ 3.00 p.m	Venue: A114, NICHE, Kumaracoil Event- Inhouseprogramme	Participants gained valuable awareness of the challenges and rewards of being a working woman and learned practical strategies for maintaining a healthy work–life balance. They were informed about various government schemes related to rural women empowerment and understood how to effectively utilize them.
3	19-11-2024/ 11:30 a.m	Venue- A.C.Auditorium, NICHE Event: Inauguration of AKKA programme initiated by Government of Tamil Nadu	Students became aware of the AKKA programme and the proper channels to report harassment both within and outside the institution. They gained confidence in approaching designated police officials through phone, email, or in person, knowing their complaints would be handled with care and confidentiality. The session also reinforced the importance of responsible reporting by cautioning against filing false complaints.
4	06-03-2025/ 10.30. a.m	Venue- A.C.Auditorium, NICHE Event:	The session inspired participants through the Vice Chancellor's personal journey to becoming a DRDO scientist, motivating them

		International Women's day Celebration	to pursue their ambitions with determination. Her message, "The sky is not the limit," instilled confidence and broadened their perspective on possibilities. Attendees were encouraged to strive for excellence while maintaining a healthy balance between career and personal life.

9. Other Information (if any)- Nil

SEXUAL HARASSMENT

10. Name of the Cell : Sexual Harassment Cell

11. Director/ Convener/ Nodal Officer/ Faculty Incharge : Dr.R. Radhika

12. E-mail , Phone no : radhika@niuniv.com
ph: 9486941177

13. Details of other members

S.No.	Name	Designation	Department	Qualification
1	Dr. Radhika R (Convener)	Associate Professor	Faculty of Management Studies	MA, MBA, MPhil, PhD
2	Dr. J. R. Jeba (Member Secretary)	Associate Professor & HOD	Dept. of Computer Applications	MCA, MPhil, PhD
3	Ms. R. Ramani Kannan (External Expert)	Psychologist	External Expert	MA Psychology' PG Dip. Guidance and Counselling.
4	Mr. P. Reghu Kumar	Legal Advisor	External member	LAW

S.No.	Name	Designation	Department	Qualification
5	Dr. M. Murugan (Faculty Member)	Professor & HOD	Biomedical Engineering	MSC, PhD
6	Dr. P. K. Praseetha (Faculty Member)	Professor & HOD	Dept.of Nanotechnology	MSC, PhD
7	Dr.H. Vennila (Faculty Member)	Associate Professor	Dept. of EEE	ME, PhD
8	Dr. K. Asha (Faculty Member)	Assistant Professor	Faculty of Management Studies	MBA, MPhil, PhD
9	Dr. Rini Susan Alexander	Dy.Physical Director for Girls Students	Dept.of Physical Education.	PhD
10	Ms. R. Sree Lekha	Administration Clerk	Administration	MSC
11	Ms. V. Shyamala	Service Staff	Administration	10 th
12	Selvasherinth,	Student member	Dept. of Forensic Science	S5 BSc
13	Lekshmi Prabha R T	Student member	MBA	S3 MBA
14	Mehek S	Student member	Dept. of CSE	S5 BE
15	Kiruba G	Student member	BCA	S3 BCA
16	Neeraja	Student member	Dept of Physics	Full Time PhD Research Scholar

14.No. of Complaints Received : Nil

15.No. of Complaints Disposed : Nil

16.No. of Complaints Pending :Nil

17.Details of Meetings held

S. N o.	Date/ Day / Time	Venue	Out come
1	6/09/2024	Hill Top Auditorium, NICHE	The Sensitization Programme on Sexual Harassment enhanced awareness of the POSH Act, 2013, and clarified common misconceptions. Employees understood their rights, responsibilities, and

			the redressal process through the Internal Complaints Committee. It fostered respect for personal boundaries and promoted a zero-tolerance culture towards harassment. Participants, especially women, felt empowered and confident to raise concerns without fear. Overall, the programme reinforced a safe, inclusive, and ethical workplace culture with a focus on prevention.

18. Other Information (if any)

SWAYAM CELL

1. Director/ Convener/ Nodal Officer/: Dr.M.Dev Anand, Faculty Incharge
2. E-mail, Phone No : niucisetm@gmail.com, +(91)9486856122
3. Details of Other Members

Sl. No.	Name	Designation	Department	Qualification
1.	Dr. R. Ramesh Palappan	Assistant Director	Mechanical Engineering	B.E., M.E., Ph.D.

4. Details of the SWAYAM Course Registered by the Students:
 - (a) SWAYAM-NPTEL Local Chapter July-December 2024 Enrollment Details

Sl. N o.	Name	Cour se ID	Course Name	Gen der	Profess ion	Qualifica tion	Departme nt
1	S.Mohammed Husain	noc24-ee152	5G Wireless Standard Design	Male	Student	bachelor3 yr	Accounting and Finance
2	S.Mohammed Husain	noc24-mg76	Managing Services	Male	Student	bachelor3 yr	Accounting and Finance
3	Anumandla Chaithanya	noc24-ae17	Aircraft Stability and Control	Fem ale	Student	bachelor4 yr	Aeronautical Engineering
4	Anumandla Chaithanya	noc24-ce78	Fluid Mechanics	Fem ale	Student	bachelor4 yr	Aeronautical Engineering
5	Anumandla Chaithanya	noc24-ch72	Heat Transfer	Fem ale	Student	bachelor4 yr	Aeronautical Engineering
6	Anumandla Chaithanya	noc24-ma93	Engineering Mathematics - I	Fem ale	Student	bachelor4 yr	Aeronautic al Engineerin g
7	Anumandla Chaithanya	noc24-me145	Strength of Materials - IITM	Fem ale	Student	bachelor4 yr	Aeronautic al Engineerin g
8	Anumandla Chaithanya	noc24-me96	Aircraft Propulsion	Fem ale	Student	bachelor4 yr	Aeronautic al Engineerin g
9	Harini.S	noc24-ae14	Design of Fixed Wing Unmanned Aerial Vehicles	Fem ale	Student	pre_unive rsity	Aeronautic al Engineerin g
10	Aima Fathima S	noc24-bt62	Drug Delivery: Principles and Engineering	Fem ale	Student	pre_unive rsity	Biomedical Engineerin g
11	Athira S J	noc24-bt62	Drug Delivery: Principles and Engineering	Fem ale	Student	high_sch ool	Biomedical Engineerin g
12	Christilda X J	noc24-bt62	Drug Delivery: Principles and	Fem ale	Student	pre_unive rsity	Biomedical Engineerin g

			Engineering				
13	Anto Cruz Diodus A	noc2 4-bt62	Drug Delivery: Principles and Engineering	Male	Student	pre_university	Biomedical Engineering
14	Gopalakrishnan.S.J	noc2 4-bt56	Animal Physiology	Male	Student	pre_university	Biomedical Engineering
15	Gopalakrishnan.S.J	noc2 4-bt69	Introduction to Biomedical Imaging Systems	Male	Student	pre_university	Biomedical Engineering
16	Gopalakrishnan.S.J	noc2 4-bt72	Biomedical nanotechnology	Male	Student	pre_university	Biomedical Engineering
17	Gopalakrishnan.S.J	noc2 4-bt74	Electrophysiology of Heart	Male	Student	pre_university	Biomedical Engineering
18	Gopalakrishnan.S.J	noc2 4-ge45	Biomedical Ultrasound: Fundamentals of Imaging and Micromachined Transducers	Male	Student	pre_university	Biomedical Engineering
19	Gopalakrishnan.S.J	noc2 4-me150	Biomechanics of Joints and Orthopaedic Implants	Male	Student	pre_university	Biomedical Engineering
20	ALFIYA.S	noc2 4-bt62	Drug Delivery: Principles and Engineering	Female	Student	pre_university	Biomedical Engineering
21	Subithra	noc2 4-bt62	Drug Delivery: Principles and Engineering	Female	Student	high_school	Biomedical Engineering
22	Andriya hannah A.P	noc2 4-bt62	Drug Delivery: Principles	Female	Student	high_school	Biomedical Engineering

			and Engineering				
23	Manisha.M	noc2 4- bt70	Statistics for Biomedical Engineers	Fem ale	Student	masters	Biotechnol ogy
24	Manisha.M	noc2 4- bt74	Electrophysi ology of Heart	Fem ale	Student	masters	Biotechnol ogy
25	A.Nathiya	noc2 4- bt72	Biomedical nanotechnol ogy	Fem ale	Student	pre_unive rsity	Biotechnol ogy
26	B. Nisha	noc2 4- bt72	Biomedical nanotechnol ogy	Fem ale	Student	pre_unive rsity	Biotechnol ogy
27	Asrudeen	noc2 4- mg12 7	Marketing Managemen t - I	Male	Student	high_sch ool	Business Administrat ion
28	Mohammed Shihab.S	noc2 4- mg12 7	Marketing Managemen t - I	Male	Student	pre_unive rsity	Business Administrat ion
29	T Safa Fathima	noc2 4- cy45	Organic Chemistry in Biology and Drug Developmen t	Fem ale	Student	masters	Chemistry
30	Saahira Banu S	noc2 4- cy45	Organic Chemistry in Biology and Drug Developmen t	Fem ale	Student	bachelor3 yr	Chemistry
31	Rasbiya.M	noc2 4- cy45	Organic Chemistry in Biology and Drug Developmen t	Fem ale	Student	masters	Chemistry
32	Dhanya m	noc2 4- mg12 7	Marketing Managemen t - I	Fem ale	Student	pre_unive rsity	Commerce
33	Geetha.j	noc2 4- mg84	Brand Managemen t	Fem ale	Student	high_sch ool	Commerce

34	GINU MON GV	noc2 4- ae17	Aircraft Stability and Control	Male	Student	high_sch ool	Commerce
35	Rifan kasim	noc2 4- mg12 7	Marketing Managemen t - I	Male	Student	bachelor3 yr	Commerce
36	S.Shiju	noc2 4- mg12 7	Marketing Managemen t - I	Male	Student	pre_unive rsity	Commerce
37	D.A.Dona	noc2 4- cs81	Introduction To Machine Learning - IITKGP	Fem ale	Student	pre_unive rsity	Computer Science and Engineerin g
38	Poornisha.K. S	noc2 4- cs10 4	Applied Accelerated Artificial Intelligence	Fem ale	Student	pre_unive rsity	Computer Science and Engineerin g
39	Anand Ram V	noc2 4- lw12	Intellectual Property Disputes: Court Practices and Enforcement	Male	Student	pre_unive rsity	Electronics and Communica tion Engineerin g
40	keerthi krishna s.	noc2 4- ee13 4	Digital VLSI Testing	Male	Student	high_sch ool	Electronics and Communica tion Engineerin g
41	keerthi krishna s.	noc2 4- ee15 2	5G Wireless Standard Design	Male	Student	high_sch ool	Electronics and Communica tion Engineerin g
42	Sulaiman s	noc2 4- ee13 4	Digital VLSI Testing	Male	Student	bachelor4 yr	Electronics and Communica tion Engineering
43	Godwin	noc2 4- hs15 7	The Popular Gothic Novel	Male	Student	pre_unive rsity	English

44	ALI AHAMMED A	noc2 4- mg11 0	Industrial Safety Engineering	Male	Student	bachelor4 yr	Industrial Engineerin g
45	Sidharth Arunachalam	noc2 4- ch74	Chemical Process Safety	Male	Student	high_sch ool	Industrial Engineerin g
46	Anandu u	noc2 4- cs68	Python for Data Science	Male	Student	pre_unive rsity	Information Technolog y
47	Anas Mohamed Sali	noc2 4- cs85	Practical Cyber Security for Cyber Security Practitioners	Male	Student	pre_unive rsity	Information Technolog y
48	Janish ram is	noc2 4- cs85	Practical Cyber Security for Cyber Security Practitioners	Male	Student	high_sch ool	Information Technolog y
49	Jerson.C	noc2 4- cs68	Python for Data Science	Male	Student	high_sch ool	Information Technolog y
50	Jinjo j	noc2 4- cs85	Practical Cyber Security for Cyber Security Practitioners	Male	Student	high_sch ool	Information Technolog y
51	Mithun Sathya ps	noc2 4- cs85	Practical Cyber Security for Cyber Security Practitioners	Male	Student	pre_unive rsity	Information Technolog y
52	Abisha N S	noc2 4- cs13 1	Google Cloud Computing Foundations	Fem ale	Student	pre_unive rsity	Information Technolog y
53	Nithisa Devi J	noc2 4- cs85	Practical Cyber Security for Cyber Security Practitioners	Fem ale	Student	pre_unive rsity	Information Technolog y

54	Noufal Naushad	noc2 4- cs85	Practical Cyber Security for Cyber Security Practitioners	Male	Student	pre_university	Information Technology
55	Pavithra A	noc2 4- cs85	Practical Cyber Security for Cyber Security Practitioners	Female	Student	pre_university	Information Technology
56	Sreedev.M.M	noc2 4- cs68	Python for Data Science	Male	Student	high_school	Information Technology
57	Anand.H	noc2 4- hs109	Film Appreciation	Male	Student	bachelor3yr	Journalism
58	Abhinand Chandran	noc2 4- mg110	Industrial Safety Engineering	Male	Student	pre_university	Mechanical Engineering
59	Albin M Raju	noc2 4- mg110	Industrial Safety Engineering	Male	Student	pre_university	Mechanical Engineering
60	Andrew Velankanni D	noc2 4- mg110	Industrial Safety Engineering	Male	Student	diploma	Mechanical Engineering
61	Bala howshik	noc2 4- mg110	Industrial Safety Engineering	Male	Student	pre_university	Mechanical Engineering
62	Edwin Immanuvel Pauldurai.A.R	noc2 4- mg110	Industrial Safety Engineering	Male	Student	pre_university	Mechanical Engineering
63	I.Bala Rajesh	noc2 4- mg110	Industrial Safety Engineering	Male	Student	diploma	Mechanical Engineering
64	Rosin.M	noc2 4- mg110	Industrial Safety Engineering	Male	Student	pre_university	Mechanical Engineering

65	SANDRA MATHEW	noc24-mg110	Industrial Safety Engineering	Female	Student	diploma	Mechanical Engineering
66	Srinivasan	noc24-mg110	Industrial Safety Engineering	Male	Student	bachelor4yr	Mechanical Engineering
67	Vikram p	noc24-mg110	Industrial Safety Engineering	Male	Student	pre_university	Mechanical Engineering
68	A.R.Maarisha	noc24-bt72	Biomedical Nanotechnology	Female	Student	high_school	Microbiology
69	P Merlin Nimmisha	noc24-bt67	Introduction to Developmental Biology	Female	Student	bachelor3yr	Microbiology
70	Akash R G	noc24-mg127	Marketing Management - I	Male	Student	high_school	Others

(b) SWAYAM-NPTEL Local Chapter January-April 2025 Enrollment Details

Sl. No.	Name	Course ID	Course Name	Gender	Profession	Qualification	Department
1.	Akilan M	noc25-cs25	Digital Design with Verilog	Male	Student	Bachelor 3yr	Electronics and Communication Engineering
2.	Allen James	noc25-cs46	Introduction to Machine Learning	Male	Student	Pre_university	Electronics and Communication Engineering
3.	Amrutha S Kumar	noc25-bt05	Bioengineering: An Interface with Biology and Medicine	Female	Student	Pre_university	Biomedical Engineering
4.	A.Mohamed Mubeen	noc25-cs17	Data Analytics with Python	Male	Student	Bachelor 4yr	Information Technology

5.	Anand Ram V	noc 25-cs25	Digital Design with Verilog	Male	Student	Pre_university	Electronics and Communication Engineering
6.	Anas Mohamed Sali	noc 25-cs17	Data Analytics with Python	Male	Student	Pre_university	Information Technology
7.	Anasu Kunjumon	noc 25-cs46	Introduction to Machine Learning	Female	Student	Pre_university	Electronics and Communication Engineering
8.	Andrew Rojan A	noc 25-cs79	Privacy and Security in Online Social Media	Male	Student	Bachelor 3yr	Information Technology
9.	Anwar ahamed	noc 25-cs17	Data Analytics with Python	Male	Student	Bachelor 4yr	Information Technology
10.	Shehanaz Begum S	noc 25-mg13	Business Fundamentals for Entrepreneurs	Female	Student	Bachelor 4yr	Computer Science and Engineering
11.	P. Berlin push	noc 25-me66	Processing of Polymers and Polymer Composites	Male	Student	Masters	Mechanical Engineering
12.	Bright Anna Bell	noc 25-cs61	Quantum Algorithms and Cryptography	Female	Student	Masters	Computer Science and Engineering
13.	Brithiv JJ	noc 25-mg01	Advanced Financial Analytics	Male	Student	Bachelor 3yr	Business Administration
14.	Brithiv JJ	noc 25-mg03	Advances in Strategic Human Resource Management (HRM)	Male	Student	Bachelor 3yr	Business Administration
15.	Brodin	noc25-cs17	Data Analytics with Python	Male	Student	Pre_university	Information Technology

16.	Christilda X J	noc 25- cs4 1	Introduction to Embedded System Design	Fem ale	Stude nt	Pre_univ ersity	Biomedica l Engineeri ng
17.	Anto Cruz Diodus A	noc 25- bt08	Biomechanics	Male	Stude nt	Pre_univ ersity	Biomedica l Engineeri ng
18.	VISHANTH	noc 25- cs2 0	Data Science for Engineers	Male	Stude nt	High_sch ool	Computer Science and Engineeri ng
19.	S.Syed Muhammad Mehdi	noc 25- cs2 0	Data Science for Engineers	Male	Stude nt	High_sch ool	Computer Science and Engineeri ng
20.	D.A.Dona	noc 25- cs3 2	Foundations of Cyber Physical Systems	Fem ale	Stude nt	Pre_univ ersity	Computer Science and Engineeri ng
21.	D.A.Dona	noc 25- cs7 5	Foundation of Cloud IoT Edge ML	Fem ale	Stude nt	Pre_univ ersity	Computer Science and Engineeri ng
22.	Faheema Joochi S	noc 25- cs5 9	Programming, Data Structures And Algorithms Using Python	Fem ale	Stude nt	Bachelor 4yr	Computer Science and Engineeri ng
23.	Muhammed Farzeen	noc 25- me6 7	Product Design and Manufacturing	Male	Stude nt	Pre_univ ersity	Mechanic al Engineeri ng
24.	S.Mohamed Haris Ahamed	noc 25- cs1 7	Data Analytics with Python	Male	Stude nt	Bachelor 4yr	Computer Science and Engineeri ng
25.	Harini.S	noc 25- mm 29	Theory and Practice of Non Destructive Testing	Fem ale	Stude nt	Pre_univ ersity	Aeronauti cal Engineeri ng
26.	Janish ram is	noc 25- cs3 2	Foundations of Cyber Physical Systems	Male	Stude nt	High_sch ool	Informatio n Technolog y

27.	Jeffrin J	noc 25- cs0 7	Artificial Intelligence: Knowledge Representation And Reasoning	Male	Stude nt	Bachelor 4yr	Informatio n Technolog y
28.	Jeffrin J	noc 25- cs6 9	The Joy of Computing using Python	Male	Stude nt	Bachelor 4yr	Informatio n Technolog y
29.	S. Jinoslin	noc 25- cs5 9	Programming, Data Structures And Algorithms Using Python	Fem ale	Stude nt	Bachelor 4yr	Computer Science and Engineeri ng
30.	Jinjo j	noc 25- cs3 2	Foundations of Cyber Physical Systems	Male	Stude nt	High_sch ool	Informatio n Technolog y
31.	Jinjo j	noc 25- cs7 9	Privacy and Security in Online Social Media	Male	Stude nt	High_sch ool	Informatio n Technolog y
32.	Jonston Davis C	noc 25- cs3 7	GPU Architectures and Programming	Male	Stude nt	Bachelor 4yr	Computer Science and Engineeri ng
33.	Jonston Davis C	noc 25- de1 2	Introduction to Graphic Design	Male	Stude nt	Bachelor 4yr	Computer Science and Engineeri ng
34.	keerthi Krishna s.	noc 25- ee7 5	Semiconductor Devices for Next Generation Field Effect Transistors (More than Moore): A Physics Perspective	Male	Stude nt	High_sch ool	Electronic s and Communi cation Engineeri ng
35.	M.Segu Abdulla	noc 25- cs0 8	Blockchain and its Applications	Male	Stude nt	Bachelor 3yr	Informatio n Technolog y
36.	M.Segu Abdulla	noc 25- ma2 0	Essentials of Data Science With R Software-1: Probability and Statistical Inference	Male	Stude nt	Bachelor 3yr	Informatio n Technolog y

37.	Kingston Chandra Bose S	noc 25-cs18	Data Base Management System	Male	Student	Bachelor 4yr	Computer Science and Engineering
38.	Krishna.S.Ay yappan	noc 25-cs18	Data Base Management System	Female	Student	Bachelor 4yr	Computer Science and Engineering
39.	Krishna.S.Ay yappan	noc 25-cs21	Deep Learning - IIT Ropar	Female	Student	Bachelor 4yr	Computer Science and Engineering
40.	Krishna.S.Ay yappan	noc 25-cs46	Introduction to Machine Learning	Female	Student	Bachelor 4yr	Computer Science and Engineering
41.	Mohamed Aashik S	noc 25-cs17	Data Analytics with Python	Male	Student	Pre_university	Computer Science and Engineering
42.	Mefin S R	noc 25-mg13	Business Fundamentals for Entrepreneurs	Male	Student	Pre_university	Computer Science and Engineering
43.	Mithun Sathya ps	noc 25-cs17	Data Analytics with Python	Male	Student	Pre_university	Information Technology
44.	Mithun Sathya ps	noc 25-cs32	Foundations of Cyber Physical Systems	Male	Student	Pre_university	Information Technology
45.	Mithun Sathya ps	noc 25-cs65	Social Networks	Male	Student	Pre_university	Information Technology
46.	S.Mohamed Tharish	noc 25-cs17	Data Analytics with Python	Male	Student	Bachelor 4yr	Information Technology
47.	M.R.Mohamed Anash	noc 25-cs17	Data Analytics with Python	Male	Student	Bachelor 4yr	Information Technology

48.	M.R.Mohamed Anash	noc 25-cs34	Fundamentals of Object Oriented Programming	Male	Student	Bachelor 4yr	Information Technology
49.	M.R.Mohamed Anash	noc 25-cs57	Programming In Java	Male	Student	Bachelor 4yr	Information Technology
50.	Mohideen Pichai.A	noc 25-cs17	Data Analytics with Python	Male	Student	Bachelor 4yr	Information Technology
51.	Al Mubeen A	noc 25-cs17	Data Analytics with Python	Male	Student	Bachelor 4yr	Information Technology
52.	Nithisa Devi J	noc 25-cs79	Privacy and Security in Online Social Media	Female	Student	Pre_university	Information Technology
53.	Noufal naushad	noc 25-cs17	Data Analytics with Python	Male	Student	High_school	Information Technology
54.	Pavithra A	noc 25-cs79	Privacy and Security in Online Social Media	Female	Student	Pre_university	Information Technology
55.	Pavithran G N	noc 25-mg06	AI in Marketing	Male	Student	High_school	Electronics and Communication Engineering
56.	Janish ram js	noc 25-cs32	Foundations of Cyber Physical Systems	Male	Student	Bachelor 4yr	Information Technology
57.	Trinitta R	noc 25-cs07	Artificial Intelligence: Knowledge Representation And Reasoning	Female	Student	Pre_university	Information Technology
58.	Vishnuvarthan.R.M	noc 25-ee01	A brief introduction of Micro - Sensors	Male	Student	Pre_university	Electronics and Communication Engineering

59.	C. Sanjai	noc 25- cs1 7	Data Analytics with Python	Male	Stude nt	Bachelor 4yr	Informatio n Technolog y
60.	Amose S.B.	noc 25- cs2 5	Digital Design with Verilog	Male	Stude nt	Bachelor 3yr	Electronic s and Communi cation Engineeri ng
61.	Shakthivel	noc 25- cs1 7	Data Analytics with Python	Male	Stude nt	Diploma	Computer Science and Engineeri ng
62.	Shakthivel	noc 25- cs2 0	Data Science for Engineers	Male	Stude nt	Diploma	Computer Science and Engineeri ng
63.	Shanika Shameem S	noc 25- cs1 7	Data Analytics with Python	Fem ale	Stude nt	High_sch ool	Computer Science and Engineeri ng
64.	A.Mohamed Sharukhan	noc 25- cs1 7	Data Analytics with Python	Male	Stude nt	Bachelor 4yr	Informatio n Technolog y
65.	Sreejith.R	noc 25- cs7 9	Privacy and Security in Online Social Media	Male	Stude nt	Pre_univ ersity	Informatio n Technolog y
66.	Siddharth S R	noc 25- bt08	Biomechanics	Male	Stude nt	Pre_univ ersity	Biomedica l Engineeri ng
67.	Sultan Sikkandar Batcha	noc 25- cs1 7	Data Analytics with Python	Male	Stude nt	High_sch ool	Informatio n Technolog y
68.	Subithra	noc 25- bt08	Biomechanics	Fem ale	Stude nt	High_sch ool	Biomedica l Engineeri ng
69.	Sulaiman s	noc 25- ee7 5	Semiconductor Devices for Next Generation Field Effect Transistors (More than	Male	Stude nt	Bachelor 4yr	Electronic s and Communi cation Engineeri

			Moore): A Physics Perspective				ng
70.	J.Thakkarai Peer Mohamed	noc 25- cs1 7	Data Analytics with Python	Male	Stude nt	Bachelor 4yr	Informatio n Technolog y
71.	Unnikrishnan S P	noc 25- bt08	Biomechanics	Male	Stude nt	High_sch ool	Biomedica l Engineeri ng
72.	Vaishnavi S	noc 25- cs2 0	Data Science for Engineers	Fem ale	Stude nt	Pre_univ ersity	Computer Science and Engineeri ng
73.	Vimal A	noc 25- hs7 7	The Novel and Change	Male	Stude nt	Masters	English

5. Details of the SWAYAM Course Registered by the Faculty Members :

(a) SWAYAM-NPTEL Local Chapter July-December 2024 Enrollment Details

Sl · N o.	Name	Cour se ID	Course Name	Gend er	Profess ion	Qualifica tion	Departme nt
1.	ABINICKS RAJA G	noc2 4- ae24	Introduction to Aircraft Design	Male	Faculty	Masters	Aeronautic al Engineerin g
2.	Bushra Beevi.R	noc2 4- bt74	Electrophysiol ogy of Heart	Fema le	Faculty	Masters	Biochemist ry
3.	Lisha Daniel	noc2 4- bt68	Computational Neuroscience	Fema le	Faculty	Masters	Biomedical Engineerin g
4.	Lisha Daniel	noc2 4- bt70	Statistics for Biomedical Engineers	Fema le	Faculty	Masters	Biomedical Engineerin g
5.	Lisha Daniel	noc2 4- bt73	Neurobiology	Fema le	Faculty	Masters	Biomedical Engineerin g
6.	Lisha Daniel	noc2 4- ee12 7	Electronic Systems Design: Hands-on Circuits and	Fema le	Faculty	Masters	Biomedical Engineerin g

			PCB Design with CAD Software				
7.	Lisha Daniel	noc24-ee96	Cognition and its Computation	Female	Faculty	Masters	Biomedical Engineering
8.	Lisha Daniel	noc24-ge45	Biomedical Ultrasound: Fundamentals of Imaging and Micromachined Transducers	Female	Faculty	Masters	Biomedical Engineering
9.	Lisha Daniel	noc24-ge55	Neuroscience of Human Movements	Female	Faculty	Masters	Biomedical Engineering
10.	Murugan	noc24-cs118	Cloud Computing	Male	Faculty	Doctoral	Biotechnology
11.	Murugan	noc24-hs151	Introduction to Basic Spoken Sanskrit and Intermediate Level of Spoken Sanskrit	Male	Faculty	Doctoral	Biotechnology
12.	Dr. Shabi Ruskin	noc24-bt76	Cell Culture Technologies	Female	Faculty	Doctoral	Biotechnology
13.	T.SUBHA	noc24-bt74	Electrophysiology of Heart	Female	Faculty	Masters	Biotechnology
14.	Asha	noc24-mg89	Product and Brand Management	Female	Faculty	Doctoral	Business Administration
15.	Dr. R.Radhika	noc24-mg122	Economics of Health and Health Care	Female	Faculty	Doctoral	Business Administration
16.	T.M.Sharmila	noc24-ce87	Environmental Chemistry	Female	Faculty	Doctoral	Chemistry
17.	T.M.Sharmila	noc24-cy45	Organic Chemistry in Biology and Drug Development	Female	Faculty	Doctoral	Chemistry
18.	Samuel Blessed Nayagam P.V	noc24-mg131	Ethics in Engineering Practice	Male	Faculty	Doctoral	Computer Science

19.	A.Anitha	noc2 4- cs81	Introduction To Machine Learning - IITKGP	Fema le	Faculty	Doctoral	Computer Science and Engineerin g
20.	Anusha Linda Kostka J E	noc2 4- cs78	Programming, Data Structures and Algorithms using Python	Fema le	Faculty	Masters	Computer Science and Engineerin g
21.	C.R.Jothy	noc2 4- cs11 8	Cloud Computing	Fema le	Faculty	Masters	Computer Science and Engineerin g
22.	G.BENI	noc2 4- cs11 8	Cloud Computing	Fema le	Faculty	Doctoral	Computer Science and Engineerin g
23.	J.E.JUDIT H	noc2 4- cs11 8	Cloud Computing	Fema le	Faculty	Doctoral	Computer Science and Engineerin g
24.	J.E.JUDIT H	noc2 4- cs13 0	Big Data Computing	Fema le	Faculty	Doctoral	Computer Science and Engineerin g
25.	Dr.V.G RANJITH	noc2 4- cs11 5	Introduction to Internet of Things	Male	Faculty	Doctoral	Computer Science and Engineerin g
26.	G.Venifa Mini	noc2 4- cs11 8	Cloud Computing	Fema le	Faculty	Doctoral	Computer Science and Engineerin g
27.	Dr. S. Anitha Janet Mary	noc2 4- de18	Control Systems	Fema le	Faculty	Doctoral	Electrical Engineerin g
28.	Dr. S. Anitha Janet Mary	noc2 4- ee14 6	Machine Learning and Deep Learning - Fundamentals and Applications	Fema le	Faculty	Doctoral	Electrical Engineerin g

29.	Muthuvel K	noc2 4- cs10 1	Introduction to Machine Learning	Male	Faculty	Doctoral	Electrical Engineerin g
30.	Muthuvel K	noc2 4- cs11 4	Deep Learning - IIT Ropar	Male	Faculty	Doctoral	Electrical Engineerin g
31.	Muthuvel K	noc2 4- cs68	Python for Data Science	Male	Faculty	Doctoral	Electrical Engineerin g
32.	Muthuvel K	noc2 4- cs81	Introduction To Machine Learning - IITKGP	Male	Faculty	Doctoral	Electrical Engineerin g
33.	P.Sujatha Therese	noc2 4- bt59	Wild Life Ecology	Fema le	Faculty	Doctoral	Electrical Engineerin g
34.	Mary Synthia Regis Prabha D M	noc2 4- cs73	Introduction to Machine Learning (Tamil)	Fema le	Faculty	Doctoral	Electrical Engineerin g
35.	Arockia Selva Saroja .G	noc2 4- ge61	Adolescent Health and Well-Being : A Holistic Approach	Fema le	Faculty	Doctoral	Electronics and Communic ation Engineerin g
36.	Arockia Selva Saroja .G	noc2 4- hs96	Brief Introduction to Psychology	Fema le	Faculty	Doctoral	Electronics and Communic ation Engineerin g
37.	M.MARY SYNTHUJ A JAIN PREETHA	noc2 4- hs10 1	Soft Skill Development	Fema le	Faculty	Doctoral	Electronics and Communic ation Engineerin g
38.	M.MARY SYNTHUJ A JAIN PREETHA	noc2 4- hs12 4	Soft Skills	Fema le	Faculty	Doctoral	Electronics and Communic ation Engineerin g
39.	M.MARY SYNTHUJ A JAIN	noc2 4- hs17	Developing Soft Skills and Personality	Fema le	Faculty	Doctoral	Electronics and Communic

	PREETHA	6					ation Engineerin g
40.	N.Santhi	noc2 4- lw12	Intellectual Property Disputes: Court Practices and Enforcement	Fema le	Faculty	Doctoral	Electronics and Communica tion Engineerin g
41.	sreeja tk	noc2 4- cs68	Python for Data Science	Fema le	Faculty	Doctoral	Electronics and Communica tion Engineerin g
42.	K S Vijula Grace	noc2 4- cs95	Introduction to Industry 4.0 and Industrial Internet of Things	Fema le	Faculty	Doctoral	Electronics and Communica tion Engineerin g
43.	K S Vijula Grace	noc2 4- ee12 7	Electronic Systems Design: Hands-on Circuits and PCB Design with CAD Software	Fema le	Faculty	Doctoral	Electronics and Communica tion Engineerin g
44.	S Maria Celestin Vigila	noc2 4- cs13 1	Google Cloud Computing Foundations	Fema le	Faculty	Doctoral	Information Technolog y
45.	V. Mary Amala Bai	noc2 4- cs13 0	Big Data Computing	Fema le	Faculty	Doctoral	Information Technolog y
46.	Mathusoot hana S Kumar	noc2 4- ee95	An Introduction to Coding Theory	Male	Faculty	Doctoral	Information Technolog y
47.	Mathusoot hana S Kumar	noc2 4- ge47	Fundamentals of Artificial Intelligence	Male	Faculty	Doctoral	Information Technolog y
48.	Kumar S S	noc2 4- cs68	Python for Data Science	Male	Faculty	Doctoral	Instrument ation Engineerin g
49.	Kumar S S	noc2 4- cs88	Artificial Intelligence : Search	Male	Faculty	Doctoral	Instrument ation Engineerin

			Methods For Problem solving				g
50.	D. Menaka	noc24-cs89	Deep Learning for Computer Vision	Female	Faculty	Doctoral	Instrumentation Engineering
51.	D. Menaka	noc24-ee133	Digital Image Processing	Female	Faculty	Doctoral	Instrumentation Engineering
52.	K S Jai Aultrin	noc24-me154	Advanced Machining Processes	Male	Faculty	Doctoral	Marine Engineering
53.	Sowmiya C	noc24-ma58	Introduction to Abstract and Linear Algebra	Female	Faculty	Masters	Mathematics
54.	Mr. G. Victor Jeyachandra	noc24-ma80	Introduction to Methods of Applied Mathematics	Male	Faculty	Masters	Mathematics
55.	Mr. G. Victor Jeyachandra	noc24-ma86	Mathematical Methods and its Applications	Male	Faculty	Masters	Mathematics
56.	T.Jegan	noc24-mg110	Industrial Safety Engineering	Male	Faculty	Masters	Mechanical Engineering

(b) SWAYAM-NPTEL Local Chapter January-April 2025 Enrollment Details

Sl. No	Name	Course ID	Course Name	Gender	Profession	Qualification	Department
1.	Abinеш Ananth MK	noc25-mg42	Management of Inventory Systems	Male	Faculty	Masters	Business Administration
2.	Abisha. Y	noc25-ce12	Development and Applications of Special Concretes	Female	Faculty	Masters	Civil Engineering
3.	Abisha. Y	noc25-ge09	Effective Engineering Teaching In Practice	Female	Faculty	Masters	Civil Engineering
4.	Dr.V.Alan Gowri Phivin	noc25-cs76	Large Applications Practicum	Female	Faculty	Doctoral	Computer Science and Engineering

5.	Alex Dorwina	noc25-ce07	Basic Construction Materials	Female	Faculty	Masters	Civil Engineering
6.	Alex Dorwina	noc25-ce65	Design of Connections in Steel Structures	Female	Faculty	Masters	Civil Engineering
7.	Alex Dorwina	noc25-ge16	Groundwater hydrology and management	Female	Faculty	Masters	Civil Engineering
8.	S.Amala Shanthi	noc25-ee69	Principles of Digital Communication	Female	Faculty	Doctoral	Electronics and Communication Engineering
9.	Dev Anand M	noc25-me85	Advanced Robotics Applications	Male	Faculty	Doctoral	Mechanical Engineering
10.	A.Anitha	noc25-cs32	Foundations of Cyber Physical Systems	Female	Faculty	Doctoral	Computer Science and Engineering
11.	A.Anitha	noc25-cs75	Foundation of Cloud IoT Edge ML	Female	Faculty	Doctoral	Computer Science and Engineering
12.	Dr. S. Anitha Janet Mary	noc25-ch29	Matlab Programming for Numerical Computation	Female	Faculty	Doctoral	Electrical Engineering
13.	Arul Linsely J	noc25-ee20	Digital Electronic Circuits	Male	Faculty	Doctoral	Electronics Engineering
14.	J. John Arul Singh	noc25-ma26	Graph Theory	Male	Faculty	Doctoral	Mathematics
15.	P.Asha	noc25-ph04	Atomic And Molecular Physics	Female	Faculty	Masters	Physics
16.	Benita J	noc25-cs07	Artificial Intelligence: Knowledge Representation And Reasoning	Female	Faculty	Doctoral	Electronics and Communication Engineering

17.	Bindhu B	noc2 5- ge05	Biophotonics	Fema e	Facult y	Doctoral	Physics
18.	BINDHU V.S	noc2 5- ee45	Introduction to Electrical Engineering	Fema e	Facult y	Doctoral	Electrical Engineerin g
19.	T. BRINDHA	noc2 5- cs11	Cloud Computing	Fema e	Facult y	Doctoral	Information Technolog y
20.	T. BRINDHA	noc2 5- cs69	The Joy of Computing using Python	Fema e	Facult y	Doctoral	Information Technolog y
21.	S Maria Celestin Vigila	noc2 5- cs08	Blockchain and its Applications	Fema e	Facult y	Doctoral	Information Technolog y
22.	S Maria Celestin Vigila	noc2 5- cs61	Quantum Algorithms and Cryptography	Fema e	Facult y	Doctoral	Information Technolog y
23.	SARANYA. C	noc2 5- ma0 2	Advanced Engineering Mathematics	Fema e	Facult y	Masters	Mathemati cs
24.	Dr.K.Uma Devi	noc2 5- ma0 2	Advanced Engineering Mathematics	Fema e	Facult y	Doctoral	Mathemati cs
25.	Dr Deekshith D	noc2 5- mg0 6	AI in Marketing	Male	Facult y	Doctoral	Business Administrat ion
26.	Divya Johns	noc2 5- ce41	Modern Construction Materials	Fema e	Facult y	Masters	Civil Engineerin g
27.	Kinslin D	noc2 5- mg2 3	Financial Management For Managers	Male	Facult y	Doctoral	Business Administrat ion
28.	Dr. Aneesh Nair	noc2 5- bt43	Biological Data Analysis and Visualization with R	Male	Facult y	Doctoral	Biomedical Science
29.	Dr.D.Shee ba Singh	noc2 5- ma0 2	Advanced Engineering Mathematics	Fema e	Facult y	Doctoral	Mathemati cs
30.	MUTHUVE L K	noc2 5- cs60	Python for Data Science	Male	Facult y	Doctoral	Electrical Engineerin g
31.	S. Fenin Samuel	noc2 5-	AI in Marketing	Male	Facult y	Doctoral	Business Administrat

		mg06					ion
32.	ABINICKS RAJA G	noc25-ae07	Introduction to Aircraft Control System	Male	Faculty	Masters	Aeronautical Engineering
33.	Dr Gokul Gopi	noc25-bt22	Human Physiology	Male	Faculty	Bachelor5yr	MDS
34.	Dr. Hima L	noc25-hs39	Introduction to Brain and Behaviour	Female	Faculty	Doctoral	Biomedical Science
35.	Asha	noc25-mg07	AI in Product Management	Female	Faculty	Doctoral	Business Administration
36.	A.L. Jaheera Thasleema	noc25-mg19	E-Business	Female	Faculty	Doctoral	Business Administration
37.	Harikumar S	noc25-cs07	Artificial Intelligence: Knowledge Representation And Reasoning	Male	Faculty	Masters	Electronics and Communication Engineering
38.	Jebin Bose S	noc25-cs07	Artificial Intelligence: Knowledge Representation And Reasoning	Male	Faculty	Masters	Computer Science and Engineering
39.	Jenusha Ananth Y	noc25-mg22	Financial Institutions and Markets	Female	Faculty	Masters	Business Administration
40.	Jerold Jose	noc25-me28	Fundamental Of Welding Science And Technology	Male	Faculty	Doctoral	Mechatronics Engineering
41.	G M Joselin Herbert	noc25-me89	Manufacturing of turbines (gas, steam, hydro and wind)	Male	Faculty	Doctoral	Mechanical Engineering
42.	Joseph	noc25-me87	Cryogenic Hydrogen Technology	Male	Faculty	Doctoral	Chemistry
43.	Juliet Jemila C	noc25-cs02	Advanced Computer Networks	Female	Faculty	Masters	Computer Science and

							Engineering
44.	Dr. S. Binu Sathiya	noc25-ee23	Digital Signal Processing and its Applications	Female	Faculty	Masters	Instrumentation Engineering
45.	Dr.R.Kavitha Rani	noc25-mg05	AI in Human Resource Management	Female	Faculty	Doctoral	Business Administration
46.	Kishore	noc25-mg06	AI in Marketing	Male	Faculty	Masters	Business Administration
47.	Kumar S S	noc25-cs07	Artificial Intelligence: Knowledge Representation And Reasoning	Male	Faculty	Doctoral	Instrumentation Engineering
48.	Kumar S S	noc25-cs45	Introduction to Large Language Models (LLMs)	Male	Faculty	Doctoral	Instrumentation Engineering
49.	Dr.K.Uma Samundesvari	noc25-ma02	Advanced Engineering Mathematics	Female	Faculty	Doctoral	Mathematics
50.	Gokula Chandran R	noc25-mg71	Project Management	Male	Faculty	Masters	Business Administration
51.	Lija. P	noc25-mg17	Data Analysis and Decision Making - I	Female	Faculty	Doctoral	Business Administration
52.	Lisha Daniel	noc25-bt12	Classics in Neuroscience	Female	Faculty	Masters	Biomedical Engineering
53.	Lisha Daniel	noc25-bt17	Demystifying the Brain	Female	Faculty	Masters	Biomedical Engineering
54.	Lisha Daniel	noc25-bt31	Medical Biomaterials	Female	Faculty	Masters	Biomedical Engineering
55.	Lisha Daniel	noc25-ee09	Biomedical Signal Processing	Female	Faculty	Masters	Biomedical Engineering
56.	Lisha Daniel	noc25-ee55	Neural Science for Engineers	Female	Faculty	Masters	Biomedical Engineering

57.	Lisha Daniel	noc25-me60	Optimization from fundamentals	Female	Faculty	Masters	Biomedical Engineering
58.	Lisha Daniel	noc25-me93	Modelling And Simulation Of Dynamic Systems	Female	Faculty	Masters	Biomedical Engineering
59.	Karthikeyan L M	noc25-ae15	Introduction to Launch Vehicle Analysis and Design	Male	Faculty	Doctoral	Aeronautical Engineering
60.	Kavitha.V	noc25-de12	Introduction to Graphic Design	Female	Faculty	Masters	Journalism
61.	Manju.R	noc25-ee43	Integrated Circuits and Applications	Female	Faculty	Doctoral	Instrumentation Engineering
62.	S. Mathan KUMAR	noc25-ce63	Water and Waste Water Treatment	Male	Faculty	Masters	Civil Engineering
63.	Jayalekshmi M.B	noc25-cs11	Cloud Computing	Female	Faculty	Doctoral	Computer Science and Engineering
64.	Sowmiya C	noc25-ma57	Advanced Course on Partial Differential Equations - II	Female	Faculty	Masters	Mathematics
65.	Dr Munnu Das J	noc25-bt22	Human Physiology	Female	Faculty	Bachelor 5yr	MS
66.	Dr.P.Nageswari	noc25-ma02	Advanced Engineering Mathematics	Female	Faculty	Doctoral	Mathematics
67.	Y.Jeyasheela	noc25-cs11	Cloud Computing	Female	Faculty	Doctoral	Information Technology
68.	Nimya Joseph	noc25-hs89	Forensic Linguistics	Female	Faculty	Masters	Modern Indian Language
69.	Dr.L.Nisha Evangelin	noc25-cs66	Software Testing	Female	Faculty	Doctoral	Computer Science and Engineering

70.	Dr. Shabi Ruskin	noc25-bt35	Molecular Biology	Female	Faculty	Doctoral	Biotechnology
71.	PETER F	noc25-ce09	Climate Change Science	Male	Faculty	Masters	Automobile Engineering
72.	P.Sujatha Therese	noc25-cs40	Introduction to Database Systems	Female	Faculty	Doctoral	Electrical Engineering
73.	Raja S	noc25-me51	Manufacturing Process Technology I & II	Male	Faculty	Doctoral	Mechanical Engineering
74.	Raja S	noc25-me66	Processing of Polymers and Polymer Composites	Male	Faculty	Doctoral	Mechanical Engineering
75.	Dr.R.Rajesh	noc25-me02	Advanced Machining Processes	Male	Faculty	Doctoral	Mechanical Engineering
76.	Dr.R.Rajesh	noc25-mm01	Advanced Manufacturing and Process Modelling	Male	Faculty	Doctoral	Mechanical Engineering
77.	Dr.V.G Ranjith	noc25-cs45	Introduction to Large Language Models (LLMs)	Male	Faculty	Doctoral	Computer Science and Engineering
78.	Dr. R.Radhika	noc25-mg25	Foundation Course in Managerial Economics	Female	Faculty	Doctoral	Business Administration
79.	Mary Synthia Regis Prabha DM	noc25-cs44	Introduction To Internet Of Things	Female	Faculty	Doctoral	Electrical Engineering
80.	S. Robin Divahar	noc25-ce09	Climate Change Science	Male	Faculty	Doctoral	Automobile Engineering
81.	R.ROSELIN	noc25-ce15	Electronic Waste Management - Issues and Challenges	Female	Faculty	Doctoral	Civil Engineering
82.	R.Roselin	noc25-ce64	Advanced Topics in Science and Technology of Concrete	Female	Faculty	Doctoral	Civil Engineering

83.	Dr.R Ramesh Palappan	noc2 5- me3 6	IC Engines And Gas Turbines	Male	Facult y	Doctoral	Mechanical Engineerin g
84.	Vinodkuma r R S	noc2 5- ee47	Medical Image Analysis	Male	Facult y	Doctoral	Electronics and Communic ation Engineerin g
85.	Vinodkuma r R S	noc2 5- ee68	Principles of Communication Systems - I	Male	Facult y	Doctoral	Electronics and Communic ation Engineerin g
86.	Vinodkuma r R S	noc2 5- ee69	Principles of Digital Communication	Male	Facult y	Doctoral	Electronics and Communic ation Engineerin g
87.	Vinodkuma r R S	noc2 5- hs60	Patent Drafting for Beginners	Male	Facult y	Doctoral	Electronics and Communic ation Engineerin g
88.	C. Sagi Rani	noc2 5- ge17	Introduction to Environmental Engineering and Science - Fundamental and Sustainability Concepts	Fema e	Facult y	Doctoral	Physics
89.	Samuel Blessed Nayagam P.V	noc2 5- cs07	Artificial Intelligence: Knowledge Representation And Reasoning	Male	Facult y	Doctoral	Computer Science
90.	N.Santhi	noc2 5- cs25	Digital Design with Verilog	Fema e	Facult y	Doctoral	Electronics and Communic ation Engineerin g
91.	R .Sarath	noc2 5- ee82	Transducers for Instrumentation	Male	Facult y	Doctoral	Electronics Engineerin g
92.	Dr.M.Shafe en Nagoor	noc2 5-	Software Testing	Fema e	Facult y	Doctoral	BCA

		cs66					
93.	Shahi. D	noc25-ee04	Analog Circuits	Female	Faculty	Doctoral	Electronics and Communication Engineering
94.	Shahi. D	noc25-ee20	Digital Electronic Circuits	Female	Faculty	Doctoral	Electronics and Communication Engineering
95.	Shahi. D	noc25-ee47	Medical Image Analysis	Female	Faculty	Doctoral	Electronics and Communication Engineering
96.	N.Shalom	noc25-me66	Processing of Polymers and Polymer Composites	Male	Faculty	Masters	Mechanical Engineering
97.	Sindia T.V.	noc25-cs11	Cloud Computing	Female	Faculty	Doctoral	Information Technology
98.	Ninisha Nels.S	noc25-cs07	Artificial Intelligence: Knowledge Representation And Reasoning	Female	Faculty	Masters	Computer Science and Engineering
99.	Sreeja tk	noc25-ch41	Soft Nano Technology	Female	Faculty	Doctoral	Electronics and Communication Engineering
100.	Sreeja tk	noc25-ee62	Physics of Nanoscale Devices	Female	Faculty	Doctoral	Electronics and Communication Engineering
101.	Dr.M.Sudha	noc25-ma02	Advanced Engineering Mathematics	Female	Faculty	Doctoral	Mathematics
102.	N. Y. Sugirtha Suni	noc25-ph03	An Introduction to Lasers and Laser Systems	Female	Faculty	Doctoral	Physics

103	TIBBIE PON SYMUN.V. A	noc2 5- ee45	Introduction to Electrical Engineering	Male	Faculty	Doctoral	Electrical Engineering
104	A.Unni Krishnan	noc2 5- ce04	Air Pollution and Control	Male	Faculty	Doctoral	Mechanical Engineering
105	Mr. G. Victor Jeyachand ra	noc2 5- ma0 2	Advanced Engineering Mathematics	Male	Faculty	Masters	Mathemati cs
106	K S Vijula Grace	noc2 5- cs25	Digital Design with Verilog	Fema e	Faculty	Doctoral	Electronics and Communic ation Engineerin g
107	K S Vijula Grace	noc2 5- cs44	Introduction To Internet Of Things	Fema e	Faculty	Doctoral	Electronics and Communic ation Engineerin g
108	G.Venifa Mini	noc2 5- cs08	Blockchain and its Applications	Fema e	Faculty	Doctoral	Computer Science and Engineerin g
109	V N Meena Devi	noc2 5- ge05	Biophotonics	Fema e	Faculty	Doctoral	Physics
110	Leena S Watson	noc2 5- cs11	Cloud Computing	Fema e	Faculty	Masters	Information Technolog y
111	ALLWIN D	noc2 5- ce47	Remote Sensing Essentials	Male	Faculty	Masters	Civil Engineerin g
112	Agnes Pravina	noc2 5- mg2 2	Financial Institutions and Markets	Fema e	Faculty	Masters	Business Administrat ion

6. Details of Meetings held

Sl. No.	Date/ Day / Time	Venue	Out Come
-Nil-			

7. Other Information (if any): -Nil-

LANGUAGE LAB

Name of the Cell : **Language Lab**

Director/ Convener/ Nodal Officer/ : Prof. A.KhaleelRahuman

khaleelniu@gmail.com, 9486840283

Faculty Incharge : **Mr. A. Ajin Monish**

E-mail , Phone No. : ajin.monish@gmail.com

9487351842

Details of other members : NIL

S.No.	Name	Designation	Department	Qualification

8. Resources Available :

S.No.	Equipement	Specification	Remarks
1.	Desktop (32)	INTEL Processor Core i7- 12700 12th Gen	Good in condition
2.	Monitor (32)	Samsung 27"	Good in condition
3.	Keyboard (32)	LOGITECH Keyboard MK120 USB	Good in condition
4.	Mouse (32)	LOGITECH Mouse MK120 USB	Good in condition
5.	Headphones (32)	LOGITECH Headphones	Good in condition

9. Details of the Software and Human Resources :

S.No.	Software / Name	Specification	Qualification	Remarks
1.	SnetV8.3	30 Clients (students) & 1 Server(Teacher)		Shifted to New Configuration Systems in the New Language Lab in the Main Block, SnetV8.3 doesnot work properly.

10. Details of the Programmes conducted

:

S.No.	Programme	Date	No. of Participants	Remarks
1.	Communication Skills Lab-I Practical Class	01.10.2024	21	
2.	Communication Skills Lab-I Practical Class	07.10.2024	22	
3.	Communication Skills Lab-I Practical Class	08.10.2024	26	
4.	Communication Skills Lab-I Practical Class	15.10.2024	22	
5.	Communication Skills Lab-I Practical Class	22.10.2024	21	
6.	Communication Skills Lab-I Practical Class	5.11.2024	24	
7.	Communication Skills Lab-I Practical Class	26.11.2024	19	
8.	Communication Skills Lab-I Practical Class	17.12.2024	23	
9.	Communication Skills Lab-I Practical class	07.01.2025	21	
10.	Communication Skills Lab-I Practical class	25.01.2025	22	
11.	Communication Skills Lab-II Practical class	27.02.2025	20	
12.	Communication Skills Lab-II Practical Class	05.03.2025	24	
13.	Communication Skills Lab-II Practical Class	03.03.2025	23	
14.	Communication Skills Lab-II Practical Class	19.03.2025	15	
15.	Communication Skills Lab-II Practical Class	26.03.2025	13	
16.	Communication Skills Lab-II Practical class	27.03.2025	22	
17.	Communication Skills Lab-II Practical class	02.04.2025	21	
18.	Communication Skills Lab-II Practical Class	16.04.2025	20	
19.	Communication Skills Lab-II Practical Class	23.04.2025	20	
20.	Communication Skills Lab-II Practical Class	30.04.2025	19	
21.	Communication Skills Lab-II Practical Class	21.05.2025	25	
22.	Communication Skills Lab-II Practical Class	02.06.2025	21	

11. Details of Meetings held : NIL

S.No.	Date/ Day / Time	Venue	Outcome

12. Other Information (if any) : NIL

Centre for Satellite Technology and Application (CSTA)

The Centre for Satellite Technology and Application (CSTA) was established at Noorul Islam Centre for Higher Education (NICHE) with the vision of equipping the university with advanced expertise in aerospace technologies and innovations. The centre aims to provide faculty and students with practical, hands-on experience in satellite design, development, integration, testing, and applications. Through its activities, CSTA contributes to academic excellence, national scientific progress, and the application of space technology for societal benefit.

CSTA operates under the guidance of experienced faculty members at NICHE and experts from the Indian Space Research Organisation (ISRO). This close association ensures that the centre maintains high technical standards, aligns with national priorities, and meets the demands of the space research community.

NIUSAT MARK I Nano Satellite

One of the centre's most significant achievements is the successful design and development of the NIUSAT MARK I Nano Satellite, a three-axis stabilised small satellite weighing approximately 15 kg.

Key features include:

- Payload Purpose: Agricultural crop monitoring and disaster management support
- Imaging Capability: 25 m resolution, 50 sq. km coverage area, 3-band (RGB) multispectral camera
- Dimensions: 275 x 275 x 195 mm³
- Imaging Modes: Spot mode and continuous mode with JPEG 2000 compression

NIUSAT was launched on 23rd June 2017 from the Satish Dhawan Space Centre, Sriharikota, Andhra Pradesh, by ISRO. Since launch, it has been fully operational,

continuously transmitting valuable data for agricultural and disaster management applications.

Applications and Societal Benefits

The NIUSAT payload was designed to identify agricultural diseases affecting crops in Kanyakumari district and to provide timely data for disaster management initiatives. These capabilities offer direct benefits to farmers, local administrations, and disaster response agencies.

Facilities at CSTA

CSTA houses state-of-the-art facilities that support the complete lifecycle of satellite development, including:

- Clean Room for satellite assembly and integration
- Mission Control Centre for satellite health monitoring and data processing
- Antenna Systems for UHF, VHF, and S-band communications
- Ground Station for command, control, and data downlink

These facilities also enable environmental testing, qualification-level testing, and functional verification of satellites.

Student Involvement and Research

CSTA has facilitated nearly 50 student projects across multiple departments at NICHE, fostering interdisciplinary collaboration in:

- Mechanical design and structural engineering
- Electronic systems development
- Software programming for satellite operations and image processing
- Data analysis for satellite-based applications

These opportunities provide students with invaluable experience, preparing them for careers in aerospace and related industries.

International Collaborations

CSTA has engaged in collaborations beyond India, partnering with TAMSAT and Israeli research organisations to develop satellite-based applications in agriculture, disaster management, and environmental monitoring. These partnerships aim to:

- Strengthen India's standing in the global space sector
- Expand technical capabilities in satellite technology
- Build enduring relationships between academic and research institutions

Conclusion

The Centre for Satellite Technology and Application at NICHE stands as a testament to the university's dedication to advancing space technology education and contributing to national and international space missions. By combining academic resources, industry expertise, and global collaboration, CSTA continues to deliver impactful solutions for both education and society.

Centre for Advanced Computing and Robotics

1. Centre Details :

Name	Centre for Advanced Computing and Robotics
Director's Name	
Phone No.	
Website/E-mail	

2. Details of the Steering Committee Members:

Sl.No.	Name	Designation	Department

3. Research Facilities Available :2024-25

4. Activities of the Centre for Advanced Computing and Robotics

S.No.	Particulars	Dates
1	Special Class for First Year Students on Robotics	25-11-24, 28-11-24, 2-12-24, 5-12-24, 16-12-24, 19-12-24, 6-1-25, 9-1-25, 21-4-25, 23-4-25, 28-4-25, 30-4-25

5. List of Ongoing Projects

S. No	Name of Principal Investigator	Department	Title of the Project	Name of the Funding Agency	Year	Sanctioned Order No.	Sanctioned Date	Amount Rs.

6. Details of the Project Applied

7.

S.No.	Name of the PI	Date	Dept.	Funding Agency	Project Title	Amount

7. Details of the Projects Sponsored by the Management

S.No.	Name of the incharge	Nature of the Project	Funds Sanctioned	Date of Commissioning	Short Description

8. Research Papers Publications in the SCOPUS / SCI and UGC approved Journals and Data Base in year 2024-25

S.No.	Title	Author(s)	Journal	Impact Factor

9. Consultancy :

S.No	Name of the Project	Sponsoring Agency	Amount of Sponsorship (Rs.)	Date of Award

10. Collaboration :

Sl.No.	Name of Institution/Organisation/University/Industry	Date
1.	Acutro Technologies, Trivandrum	

11. List of MOUs entered

Sl.No.	Name of the organization	Date

12. Any other information:

Centre for Networking**1. Centre Details :**

Name	Centre for Networking
Director's Name	Dr. J. P. Jayan
Phone No.	9486856112
Website/E-mail	jayan@niuniv.com / computing@niuniv.com

2. Research Facilities Available :2024-25

Department of Computing Centre
Name of the Lab : Cloud Lab
Area of the lab in Sq.m :320

Sl.No	Name of the Equipment with specification (or) Specification of the Computer	Quantity	Total Cost (in Rupees)
1	Panaro WS 1004 – Intel H310 chipset, Intel core i5-9400 processor (9M cache, 6 cores/6 Threads, 2.90 GHz up to 4.10 GHz Max turbo) 1 TB 3.5' SATA HDD TOSHIBA SURVEILLANCE MICRON RAM CRUCIAL BASICS 4GB DDR4 2000 UDIMM, HPV 202b 19.5" KB & Mouse, 3 years Warranty	24	Rs. 10,25,136
2	Server PANARO NX 2600.DPX-H2-RPS.2U-LFF (PN15400014) 32GB ECC DDR4 RAM, 1TB SATAx4, 8 Hotswap Bays, 550W RPS, Intel Xeon 2620v4 X2, Integrated RAID, 10G Dual SFP+, 3 Years Warranty HSN Code: 84715000	3	Rs. 8,43,750
4.	PANARO NX 4024-E5420 SERVER, 2U 24 Bay SFF, Hotswap chassis with 620RPS, Intel Xeon E5 2620V4 Processor, 16 GB DDR4 ECC RAM, 93408i, 12 GBPS RAID Card, 240GB SSD for OS, HP 146GB, SAS 15K RPM 2.5", HSN Code: 84715000	1	Rs. 4,33,333
5.	PANARO NX 4004-E3530L SERVER, 2U 24 Bay LFF Non Hotswap Chassis with 400W single power supply, Intel Xeon E3 1220 processor, 8GB DDR3 ECC RAM, 1TB SATA 3.5" SV HDD, 240 GB SSD for OS	1	Rs. 1,79,047
6.	PANARO NX R4212-E5130L, HSN Code: 8471, 2U Rackmount 12 Hotswap Bay Chassis, 550 W Redundant power supply, Intel Xeon E5 2620 (6 cores Multi-Threaded) X 2no.s, 16 GB DDR3 ECC RAM, 1 TB SATA HardDiskX 1 No., dual Port 1Gigabit(onboard) [Big Blue Server-1]	1	Rs.2,90,000
7.	PANARO NX-R827-14, HSN Code: 8471 E5645 (6 core Multi-Threaded)X 6 No.s, 80 plus gold 1400WX2 No.s, 1 Gig Ethernet X 4 No.s, 1 TB SATA Hard DiskX 4 No.s, 2U Rack Mount 12 Hotswap Bay Chassis, 64 GB DDR3 ECC RAM [Vmware Linux RDP]	1	Rs.3,60,000
8.	PANARO NX 4024-E5420 Server, HSN Code:8471, 400W, Single Power Supply, 12 GB DDR3 ECC RAM, Intel Xeon E5645 6 core Multithreaded Processor, 4TB SATA Hard DiskX 2 No.s, Dual Port 1 GbEthernet (Onboard) 1U 2 Hotswap Bay Rackmount Chassis [Library Server]	1	Rs.1,96,000
9.	PANARO NX 2103-E5650, HSN Code:8471, 2 U Rackmount Chassis with 3 internal Bays, 500w single power supply, Intel Xenon E5 2650 V2 (8 coresX 2	1	Rs.2,85,000

	No.s), 8GB DDR3 ECC RAM X 2 No.s, 1 TB SATA HDD X 2 No.s, Dual Port 1 Gigabit (onboard) [Moodle Server]		
10.	AWANSTOR IX 4112-E3530L 16 TB RAW, HSN Code: 847170, Intel Xeon E31220 Quad Core Processor, Dual port 1 Gigabit Ethernet (Onboard), 4TB SATA Hard Disk X 4 No.s, 2U Rackmount 12 Hotswap Bay Chassis, 8GB DDR3 ECC RAM, 10 Gig Dualport, Ethernet Controller, 600 W Single power supply [Netlab data storage]	1	Rs.4,96,000
11.	PANARO NX R4212, HSN CODE:8471, Intel Xeon E5 2620 V4 (8 cores 16 Thread) X 1 No., 1 TB SATA HDDX2 No.s, 600W Single, 8GB DDR4, ECC RAM X 4 No.s, 2U 12 Hotswap Bay Rackmount Chassis	1	Rs.2,71,000
12.	PANARO NX R-OPEN Compute Server HSN Code: 8471, E5 2630 (6 Code Multithreaded)X 4 No.s, 1 TB SATA Hard DiskX 2 No.s, 100 W SH power supply X 1, 32 GB DDR3 ECC RAM, 2 U Rackmount chassis [Apache web Host]	1	Rs.2,67,000
13.	Firewall Panaro FX High End Multi WAN Firewall 5 x 1 Gigabit WAN Connections 1x I Gigabit LAN, 1x I4GB RAM 1 x Intel Quad Core 64 Bit Processor 240W Inbuilt Power Supply i x 1U Rack-mount Clamp Kit Unlimited Users, Perpetual License \$lo Additional Purchase of Software) 1 Year Warranty (Hardware Only)	1	Rs.2,73,000
14.	Printer Canon PIXMA G3000 All in one wireless Ink Tank Color Printer	1	Rs.14,312
15.	Router TP Link Archer C2 AC900 Gigabit Router Wireless Dual Band Gigabit Router	1	Rs.3,200
16.	Network Attached Storage AWANSTOR IX Network Attached Storage (PA26580001), 58224-85420 4IJ 24Bay,48GB RAM, 4TB NL SASx12 Nos (48T8 RAW), NFS/CIFS/iSC SI/AFP Perpetual License, HSN Code:84717090	1	Rs.7,99,200
17.	Switch Cisco 24/2 Port Giga Switch	1	Rs.9,204

18.	Network Switch Aruba 2930M 1-Slot Switch (JL321A)	1	Rs.2,64318

3. Activities of the Centre for Networking

S.No.	Particulars	Dates
1	Workflow Automation with AI in Excel / Word	16/12/2025
2	Seminar / Conferences, etc	

4. Details of the Steering Committee Members:

Sl.No.	Name	Designation	Department
1	Dr. J. P. Jayan	Associate Professor & Head	Software Engineering
2	Dr. Mathu Soothana S. Kumar	Professor & Head	Information Technology
3	Dr. J. R. Jeba	Associate Professor & Head	Computer Applications
4	Dr. V.G. Ranjith	Assistant Professor & Head	Computer Science and Engineering
5	Dr. G. Venifa Mini	Assistant Professor	Computer Science and Engineering
6	Mr. Selvan	Technical Assistant	Internet Lab
7	Mr. Vaishak	Technical Assistant	Internet Lab

5. List of Ongoing Projects: Nil

S. No	Name of Principal Investigator	Department	Title of the Project	Name of the Funding Agency	Year	Sanctioned Order No.	Sanctioned Date	Amount Rs.

6. Details of the Project Applied: Nil

S.No.	Name of the PI	Date	Dept.	Funding Agency	Project Title	Amount

7. Details of the Projects Sponsored by the Management: Nil

S.No.	Name of the incharge	Nature of the Project	Funds Sanctioned	Date of Commissioning	Short Description

8. Research Papers Publications in the SCOPUS / SCI and UGC approved Journals and Data Base in year 2024-25

S.No.	Title	Author(s)	Journal	Impact Factor
1	Navigating the IoT Landscape: A Deep Dive into Anomaly Classification for IoT Security	Dr.J.E Judith	SSRG International Journal of Electronics and Communication Engineering	2.3
3	A Comprehensive review of Breast cancer Detection using Machine Learning and Deep Learning Classifiers	Dr.L.Nisha Evangelin	International Journal of Advanced Trends in Engineering and Management	4.2
4	Optimal Design of Electric Vehicles using Deep Convolutional Neural Network	Dr.L.Nisha Evangelin	International Journal of Advanced Trends in Engineering and Management (IJATEM)	4.2
5	IoT Power Track :Enlighten your Smart Energy	Dr.L.Nisha Evangelin	i-manager's Journal on IoT and Smart Automation (JIOT)	1.7
6	Revolutionizing E-Commerce: A Deep Learning-Based Sentiment-Driven Recommendation System	Dr.J.R.Jeba	SSRG International Journal of Electronics and Communication Engineering	3.6
7	Telehealth Revolution: Leveraging CNN-Bi LSTM For Multiple Disease Prediction	Dr.J.R.Jeba	SSRG International Journal of Electronics and Communication Engineering	3.6
8	Lung Cancer Prediction in Chest CT using an active contour based segmentation and 3DCNN	Dr. J. P. Jayan	Multimedia Tools and Applications	4.2

9. Consultancy : Nil

S.No	Name of the Project	Sponsoring Agency	Amount of Sponsorship (Rs.)	Date of Award
1				

10. Collaboration : Nil

Sl.No.	Name of Institution/Organisation/University/Industry	Date

11. Any other information:

ALUMNI ASSOCIATION

1. Name of the Cell : NICHE Alumni Association
2. Director/ Convener/ Nodal Officer/ Faculty Incharge : Dr.J. Arul Linsely
3. E-mail , Phone no : arullinsely@gmail.com, 9994081081
4. Details of other members

S.No.	Name	Designation	Department	Mobile Number
1	V Antony Vincent	Assistant Professor	Aeronautical Engineering	9442711396
2	W.K.Anitta	Assistant Professor	Aerospace Engineering	9487439085
3	Dr.S.Ninisha Nels	Assistant Professor	Aircraft Maintenance Engineering	9489457153
4	Ms. Reshma Nair A	Associate Professor	Audiology and Speech Language Pathology	8300366916
5	Dr.A.K.Darwins	Associate Professor	Automobile Engineering	9487657885
6	Dr.D.Arthi	Assistant Professor	Chemistry	9894310284
7	Dr.M.Shafeen Nagoor		Computer Applications	6381332648
8	Dr. L. Nisha Evangelin	Associate Professor	Computer Science and Engineering	9042261648
9	Dr H Vennila	Assistant Professor	Electrical and Electronics Engineering	9994273837
10	Dr.D.Shahi	Assistant Professor	Electronics and Communication Engineering	9487720557
11	Dr. S. Binu Sathiya	Assistant Professor	Electronics and Instrumentation Engineering	9384734365
12	Dr.Y.Jeyasheela		Information Technology	9566424865

S.No.	Name	Designation	Department	Mobile Number
13	Ms. Agnes Pravina .X	Associate Professor	Management Studies	9047274224
14	Mr. Muniasamy M	Associate Professor	Marine Engineering	7373555565
15	Dr.M.Sudha		Mathematics	9486962339
16	Dr. V. N. Meena Devi	Associate Professor	Physics	9150235295
17	Dr. S. Jerine	Associate Professor	Aeronautical Engineering	9486007267

5. Details of Meetings held

S.No.	Date/ Day / Time	Venue	Out come
1	30/7/2024	EEE Smart Room	Regular alumni Interactions
2	06/9/24	EEE Smart Room	Review meeting
3	04/12/24	EEE Smart Room	Conducted 2009 batch ECE gettogether
4	10/01/25	EEE Smart Room	To get all reports
5	04/04/25	EEE Smart Room	To organize 1995 and 2000 batch gettogether

6. Other Information (if any) : Nil

CAREER COUNSELING CENTRE

1. Name of the Cell : Career Counseling Centre
2. Director/ Convener/ Nodal Officer/ Faculty Incharge : Dr. K. Siva Sankar
3. E-mail , Phone no : placement@niuniv.com, 9442229791
4. Details of other members

S.No.	Name	Designation	Department	Qualification
1.	Dr. B.Stanly Jones Retnam	Additional Placement Officer	Placement	B.E, M.E, Ph.D
2.	Dr.Packia Lekshmi N.C.J	Assistant Placement Officer	Placement	M.Sc, M.Phil, Ph.D

5. Details of the Counseling conducted :

S.No.	Programme	Date	No. of Participants	Remarks
1.	Introduction to NDT Techniques	23.08.2024	66	
2.	Pre – Placement Training on “Get Ready for the Corporate Environment”	27.08.2024	132	
3.	Value Added Courses on “ Overall view if IC Fabrication”	29.08.2024	16	
4.	Value Added Courses on “ Basic Electronic Concepts and Problem Solving”	30.08.2024	18	
5.	Value Added Courses on “ Network Theorems”	31.08.2024	21	
6.	Value Added Courses on “Fundamentals of device physics and problem solving”	02.09.2024	18	
7.	Value Added Courses on “Basic Circuitis and problem solving”	03.09.2024	18	
8.	Value Added Courses on “ CMOS Fundamentals and Fabrications”	04.09.2024	16	
9.	Pre – Placement Training on “How to Crack the Interview”	03.09.2024	122	
10.	Technical Seminar on “AI – Enabled Software Engineering”	26.09.2024	57	
11.	Virtual Pre – Placement Training Session	07.10.2024	38	
12.	Career Guidance on “ Exploring International Education: A World of Possibilities”	17.10.2024	87	
13.	Career Motivation Program	21.10.2024	48	
14.	Value Added Courses on “ Safety field, NEBOSH Orientation Program”	25.10.2024	45	
15.	Value Added Courses on “ International Inspection and Testing”	07.11.2024	92	
16.	Career Guidance on “Overseas Prospects in Higher Education”	11.11.2024	128	
17.	Value Added Courses on “ English for Employment: Unlocking the Door to Success”	19.12.2024	88	
18.	Technical Seminar on “Advanced Manufacturing Techniques”	31.01.2025	57	
19.	Pre – Placement on “Equip students with the essential skills and knowledge”	10.02.2025	45	
20.	One – day workshop on “ Winning Strategy for job Interviews”	14.02.2025	34	
21.	Workshop on “ Human Resource Management in the Industries”	20.02.2025	109	
22.	Value Added Courses on “ advancements in Ship Design, Inspection & Green Maritime Slolution”	20.03.2025	58	
23.	Career Guidance program on “Mighty Mariner – 2025”	24.04.2025	28	

6. Details of Meetings held

S.No.	Date/ Day / Time	Venue	Out come

7. Other Information (if any)

Centre for Advanced Materials Science & Technology

1. Centre Details:

Name	Centre for Advanced Materials Science & Technology
Director's Name	Dr. M. Dev Anand
Phone Number	+(91) 9486856123, +(91) 4651 250 462
E-mail	dir-research@niuniv.com
Website	http://www.niuniv.com/research.html

2. Research Facilities Available 2024-25:

(a) Material Properties, Characterization and Manufacturing Research Facilities

Sl. No.	Name of the Instrument, Model & Manufacture
1.	CNC Machine
2.	Universal Testing Machine
3.	Micro Hardness Tester and Wear Testing Machine
4.	Hydraulic Press
5.	3D Printed Technology
6.	Computational Fluid Dynamics Research Facilities
7.	Electronic Balance
8.	pH Meter
9.	Muffle Furnace
10.	Constant Temperature Bath
11.	Distilled Water Plant
12.	Hot Plates
13.	Magnetic Stirrers
14.	Electrochemical Analyzer CHI 604 D
15.	UV-Visible Spectrophotometer Systronics
16.	FT IR Affinity-1 Shimadzu
17.	Gel Documentation System Genei Merck
18.	Rotovap Superfit
19.	Incubator Technico
20.	Deep Freezer Blue Star
21.	3D Printing

(b) Nano Characterization Laboratory Instruments

Sl. No.	Name of the Instrument, Model & Manufacture
1.	Atomic Force Microscope, XE-70, Park System, Korea
2.	Electro Chemical Work Station, CHI Instruments 604 D, USA

3.	Particle Size Analyser, CPS Instruments DC 12000, USA
4.	FTIR, Bruker, Alpha T, Germany
5.	TG/DTA, SIINT 6300, Japan
6.	Ball Mill, PM 100, Germany
7.	Elga Ultra-Pure Water, Pure Lab Q7, UK
8.	UV-Vis Spectrophotometer, Systronics, 2302, India
9.	Surface Area Analyzer, Smart Instruments SS-9, India
10.	BH Curve Tracer, BHCT-CRO, India
11.	UPS for AFM, MU 300, Matrix India
12.	XRD, D2 Phaser, Bruker Germany
13.	UPS for XRD, Power One Micro Systems India
14.	Raman Spectrometer, EZ Raman Enwave Optronics, USA

(c) Nano Synthesis Instruments

Sl. No.	Name of the Instrument, Model & Manufacture
1.	Digital Electronic Balance, D432813364, Japan.
2.	Electric Water Bath Double Walled, NLWB 6, New Lab Equipment, India.
3.	Hot Air Oven, Type: AVSO4A, Eltek Equipment Private Ltd, Mumbai.
4.	Heating Mantel, 2486, Guna Enterprises, India.
5.	Mechanical Stirrer Remi Make, FOL 1756, Rajendra Electrical Instruments Limited, India.
6.	Magnetic Stirrer, Rajendra Electrical Industry Limited, India.(2Nos)
7.	Vacuum Pump, Ambika Enterprises, India.
8.	UV Lamp with Fitting Long Ware, United Scientific
9.	Double Distilled Water Plant, United Scientific
10.	Hair Drier, Salon Compact 1000w, Philips.
11.	Vacuum Oven, Technico.
12.	Muffle Furnace, United Scientific
13.	Spin Coater, Spectrospin Instrument Inc. India.
14.	Magnetic Stirrer, Remi Electro technic Limited, Vasai-India.
15.	Centrifuge Model (R-8C), Remi, Electro Technic Limited, India.
16.	Ultrasonic Cleaner, United Scientific
17.	Gun For Liq Spray, Type59, pilot spray gun, Manic Machinery Manufactures Private Limited, Mumbai.
18.	Air Compressor, Indian Make Gajendra.
19.	Ultrasonic Prope Sonicator, PS-3182

(d) Nano Applications & Research Instruments

Sl. No.	Name of the Instrument, Model & Manufacture
1.	Autoclave, Sujha Surgical
2.	Laminar Flow Combiner, B8C Industries, India.
3.	Peristaltic Pump, Mumbai, India.
4.	Heating Mantel, Rotex Instruments, B&C Industries, India.(2Nos)
5.	Incubator, Rotek, India.
6.	Magnetic Stirrer, Guna Enterprises, India
7.	Hot Plat Ceramic Top, Tarson.
8.	pH meter, Pen Type, Sujha Surgical
9.	Orbital Shaking Incubator, LAB Line Industries, Cochin India.

(e) Advanced Nano Material Research Instruments

Sl. No.	Available Major/Minor Equipment's/Apparatus
1.	Fluorescence Spectrophotometer (SL174, ELICO)
2.	NIR Spectrophotometer (SL153, ELICO)
3.	Planetary High Energy Ball Mill
4.	High-Temperature Tubular Furnace (1600°C)
5.	Groove Rolled Box Furnace (1000°C)
6.	Muffle Furnace (900°C)
7.	Glove Box
8.	Electronic Balance (Shimadzu, Japan)
9.	Electronic Balance (Anamed, India)
10.	Hot Air Oven
11.	Hydraulic Press
12.	Air Compressor
13.	Vacuum Pump
14.	Heating Mantles
15.	Ultra Sonicator
16.	Mechanical Stirrers
17.	Water Bath
18.	Laboratory Centrifuge REMI - 8C (5400 rpm)
19.	Bench Top Centrifuge Model R- 24 REMI (17300 rpm)
20.	Autoclaves (for Hydrothermal Synthesis)
21.	Water Distillation Plant
23.	pH Meter
23.	Microwave Oven
24.	IR Lamp
25.	UV Lamp
26.	Oxygen Cylinder with Regulator
27.	Nitrogen Cylinder with Regulator
28.	Argon Cylinder with Regulator

3. Activities of the Centre for Advanced Materials Science & Technology:

Sl.No.	Particulars	Dates
1.	Workshops	Informed
2.	Seminar / Conferences, Etc	Informed

4. Details of the Steering Committee Members:

(a) Steering Committee

The members of the Steering Committee will be responsible for addressing all technical, managerial and financial issues relating to the development of the Centre. The external examiners of the Steering Committee are nominated based on their expertise, experience, interest and willingness. This Steering Committee shall also function as a Peer Review Committee for all its activities.

(b) Research Area

- ✓ Biomaterials & Devices
- ✓ Ceramics and Glasses
- ✓ Corrosion Protection
- ✓ Electronic Materials and Devices
- ✓ Energy Materials and Devices
- ✓ Iron and Steel
- ✓ Materials and Process Modelling
- ✓ Mechanical Behaviour
- ✓ Nanomaterials and Structures
- ✓ Non-Ferrous Materials and Alloys
- ✓ Phase Transformations
- ✓ Physical Metallurgy
- ✓ Polymers
- ✓ Surface Engineering
- ✓ Synthesis and Processing
- ✓ Thin Films and Coatings
- ✓ Welding and Manufacturing

(c) Research Activities

- Intelligent design of traditional materials through fundamental principles, supported by advanced tools such as modeling and simulation.
- Exploration and development of advanced materials including Graphene, Quantum Materials, and Nano-composites.
- Innovation in biomedical materials to address healthcare and life-science applications.
- Optimization of conventional manufacturing processes with a focus on enhancing efficiency and ensuring environmental sustainability.
- Advancement of next-generation manufacturing techniques such as additive and hybrid manufacturing.
- Application of 3D printing technologies for customized and complex product development.
- Integration of material development and manufacturing processes within the broader framework of product design and innovation.

(d) Research Team (Faculty)

1. Dr. R. C. Mehta
2. Dr. V. Narayanan Nair
3. Dr. Y. Stalin Jose
4. Dr. M. Dev Anand
5. Dr. R. Rajesh
6. Dr. G. M. Joseline Herbert
7. Dr. M. Sankaranarayana Pillai
8. Dr. J. Joseph
9. Dr. B. Bindhu
10. Dr. P. K. Praseetha
11. Dr. S. Balamurugan
12. Dr. Rimal Issac R. S.

(e) Research Scholars

1. Neeraja S M.
2. AswathyChandran Y.C.
3. Akash V. S.
4. Jari Litany R. I.
5. Parvathy P.
6. M. Selvin
7. Jeyani Shalu S.
8. Ashika S. A.
9. Sofia A.
10. Jebanisha B.
11. Jasnoe Daniel E.
12. Sravya S. R.
13. Gangaraj S.
14. Shyni M. D.
15. Shakitha K.
16. Varsha V. B.

5. List of Ongoing Projects 2024-25:

Sl. No.	Name of the Principal Investigator	Department	Title of the Project	Duration	Funding Agency	Amount Rupees	Status
3.	Dr. Aneesh Nair	Allied Health Sciences	Integrated Rhizosphere Microbiomics and Phytopharmacology Based Fingerprinting Approach Towards Mangrove Conservation in TamilNadu	2024-25	SFRI	4.60 Lakhs	On Going
4.	Head, Department of Nanotechnology	Nano Technology	DST/SHRIC/SHRI-04/2024(G)	2 Years	DST	Rs. 1,16,70,560/-	On Going

6. Details of the Project Applied 2024-25:

Sl. No.	Name of the Principal Investigator	Department	Title of the Project	Scheme	Date	Amount Rupees
1.	Dr. P. K. Praseetha	Prof & HOD, Nanotechnology	Bioactive molecule based therapeutic Nanozymes for healing chronic diabetic wounds	SERB-POWER	11-10-2024	29,00,000
2.	Dr. P. K. Praseetha	Prof & HOD, Nanotechnology	Advanced Nano-Characterization Techniques as Complementary tools for bio-molecular applications	DST	16-12-2024	25,00,000
3.	Dr. P. K. Praseetha	Prof & HOD, Nanotechnology	Micro-Nanoplastics: Their Identification, Removal and Toxicity Impact on Living Systems	SERB	24-01-2024	N.A.
4.	Dr. B. Bindhu	Prof.&HOD/Physics	Preparation, Physical Properties and applications of biodegradable polymer composite material	SERB-POWER	27-01-2024	25,89,202
5.	Dr. J. Joseph	Professor, Chemistry	Green Hydrogen to Combat against Climate Change as Zero Carbon Free Fuel: Synthesis, Characterization of Copper Complexes with 1,10-Phenanthroline derivatives as Electro catalyst / Photo catalyst for the Generation of Hydrogen from Water	SERB	11-12-2024	29,80,000
6.	Dr. M. Sankaranarayana Pillai	Professor & HOD, Chemistry	FIST PROJECT (LEVEL-1)	FIST	21-09-2024	3,00,00,000

Sl. No.	Name of the Principal Investigator	Department	Title of the Project	Scheme	Date	Amount Rupees
7.	Dr. V. N. Meena Devi	ASP / Physics	Ecofriendly Biofuel From Calophyllum Innophyllum And Utilization Of Oil Cake For Bioremediation Through Activated Carbon	TNSCST	07-03-2024	4,95,000
8.	Dr. J. Joseph	Prof./Chemistry	Efficient Conversion of CO ₂ to Formate Using Inexpensive and Easily Prepared transition metal complexes as Catalyst	TNSCST	07-03-2024	5,00,000
9.	Ms. Edinsha Gladis	Asst.Prof./Chemistry	Highly Effective, Low Cost And Sustainable Catalyst For Sea Water Splitting Into Hydrogen As Fuel	TNSCST	07-03-2024	5,00,000
10.	Mr. K. Egbert	Asst.Prof./Mech.	Production and Characterization of Solid Biofuel From Banana And Plant Leaves	TNSCST	07-03-2024	4,32,000
11.	Mr. P. Albert	Asst.Prof./FTSE	Characterization Of Hybrid Polymeric Composites For Marine Applications	TNSCST	09-03-2024	4,20,000
12.	Dr. B. Bavanish	ASP/FTSE	Performance Evaluation of Vertical Flow Helical Turbine for Rural Electrification.	TNSCST	09-03-2024	3,00,607
13.	Dr. A. K. Darwins	AP/Automobile	Monitoring System For Battery Powered Electric Vehicles	TNSCST	09-03-2024	3,53,000
14.	Dr. J. Edwin Raja	Prof./HOD/ Automobile	An automated online monitoring	TNSCST	09-03-2024	4,20,000

Sl. No.	Name of the Principal Investigator	Department	Title of the Project	Scheme	Date	Amount Rupees
	Dhas		system for welding			
15.	Dr. B. Stanly Jones Retnam	ASP/Automobile	Characterization Of Natural Hybrid Composites For Automobile Applications	TNSCST	09-03-2024	4,49,000
16.	Dr. M. Edwin Sahayaraj	ASP/Automobile	Surface Modification Through Metal Coating On The Polymer Matrix Composites	TNSCST	09-03-2024	4,00,000
17.	Dr. R. Binthiya	AP/Mathematics	Applications of Spectra of Graphs in Group theory	TNSCST	09-03-2024	4,60,000
18.	Dr. J. John Arul Singh	AP/Mathematics	Directed hypergraph modeled chemical reaction network analysis to track chain chemical reactions which cause side effects in medicine and food intake of humans	TNSCST	09-03-2024	4,50,000
19.	Dr. D. Sheeba Singh	AP/Mathematics	Bayesian Method in Predicting the Tuberculosis Infection in Tamilnadu	TNSCST	09-03-2024	4,50,000
20.	Dr. D. Sheeba Singh	AP/Mathematics	Prediction of Rainfall in Heavy Rainfall Zone of Tamilnadu	TNSCST	09-03-2024	4,50,000
21.	Dr. R. S. Ganesh	ASP/FTSE	Development of IoT based Smoke Extractor cum Rescue Assister for Early Fire Accidents in Confined Buildings	TNSCST	09-03-2024	5,00,000
22.	Dr. R. Rajesh	AP/FTSE	Automated Fire Suit	TNSCST	09-03-2024	5,00,000
23.	Dr. R. Ganapathiraman & Dr.	ASP/Physics	Covid-19 Smart Security System	TNSCST	09-03-2024	4,95,000

Sl. No.	Name of the Principal Investigator	Department	Title of the Project	Scheme	Date	Amount Rupees
	K. Muthuvel					

7. Details of the Projects Sponsored by the Management) 2024-25

Sl. No.	Name of the Incharge	Nature of the Project	Funds Sanctioned	Date of Commissioning	Short Description
1.		Noorul Ilam Biofuel from Biomass	NICHE		
2.		Industrial Safety Mask	NICHE		
3.		Biogas Plant	NICHE		
4.		Wind Mill Power Plant	NICHE		
5.		Solar Plant	NICHE		
6.		Plastic Crusher	NICHE		
7.		Hydraulic Power Press	NICHE		
8.		Hand Sanitizer	NICHE		
9.		Vermin Composed FFertiliser	NICHE		
10.		Whether Monitoring System	NICHE		
11.		Wheel Alignment	NICHE		
12.		Low Sodium Salt	NICHE		
13.		Milk Skimmer Report	NICHE		

8. Research Papers Publications in the SCOPUS / SCI and UGC approved Journals Data Base in Year 2024-25:

(a) SCOPUS:

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J., Hyun, Jaeyub; D., Barazanchy, Darun; J., Pandher, Jaspreet; M.J.L., Van-Tooren, Michel Johannes Leonardus; H., Alicia Kim, H.	Gradient-based shape optimization of induction welding coil for thermoplastic composites via level-set method	2025	Composites Part B: Engineering	306			
S.S., Kumar, Sudhisht Sathish; S., Valanarasu, Santiyagu; R.S., Rimal Isaac, R. S.; A.V., Juliet, A. Vimala; V., Ganesh, Vanga; I.S., Yahia, I.S. Sayed	Enhanced photodetection properties of PbS thin films prepared via nebulizer spray pyrolysis (NSP) technique: Effect of coating temperature	2025	Journal of Physics and Chemistry of Solids	206			
M., Shunmugathammal, M.; C., Ajitha, C.; F.D., Shadrach, Finney Daniel; N., Muthukumar, N.; K.A., Malar, K. A.; A., Appathurai, Ahilan; P., Deepa, P.; B., Pydi, Balamurali	Flexible fractal loaded patch antenna for wearable application	2025	Analog Integrated Circuits and Signal Processing	125	1		

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F., Alsalami, Fatmah; I.A., Kinloch, Ian A.; R.K., Abu Al-Rub, Rashid K.; C., VallÃ©s, Cristina	Electrically conductive nanocomposites as heating elements for thermoplastics Joule welding	2025	Composites Part B: Engineering	305			
S., Krishnaswamy, Srimathy; P., Panigrahi, Puspamitra; P.P., Kala, Praseetha Prabhakaran; S.P.S., Sofini, Sharon P.S.; G.S., Nagarajan, Ganapathi Subramaniam	A hydrophobic flexible self-cleaning carbon based type II heterojunction photocatalyst: A smart apparel for multifunctional application	2025	Hybrid Advances	10			
M.S.K., Hemanth, M. Sunil Kumar; J.E., Raja Dhas, John Edwin; K.A.S., Lewis, K. Anton Savio	Comparative Study of Oil Residues as Brake Pad Materials: Evaluating Mechanical Characteristics and Environmental Sustainability	2025	JOM	77	8	6121	6138
I., Clitenn, I.; B., Noorul Ayin, B.; T., Prakash, T.; R.R., Babu, Ramraj Ramesh	Low-temperature synthesis of Cs ₂ BaBr ₄ microcrystals via Water-Assisted Solid-State Reaction for low-dose X-ray sensing	2025	Materials Science in Semiconductor Processing	194			
C.S., Dash, Chandra Sekhar; S., Yuvaraj, S.; R., Jothi Ramalingam,	Impact of Co ²⁺ Substituted La ₂ CuO ₄ Nanoparticles: Structural, Morphological,	2025	Journal of Inorganic and Organometallic Polymers and	35	7	5997	6004

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Rajabathar; S., Iqbal, S.; R.S., Rimal Isaac, R. S.; A.A.A., Ahmed Awadh Bahajjaj, Aboud Ahmed Awadh; M., Sundararajan, M.; M., Sukumar, M.; L., Rajadurai, L.; Y.H., Ahn, Young Ho	Optical and Magnetic Behaviour		Materials				
S., Vinoth, S.; R.S., Rimal Isaac, R. S.; A.V., Juliet, A. Vimala; V., Ganesh, Vanga	Enhanced ammonia gas sensing properties of the ZnFe ₂ O ₄ nanoparticles synthesized by wet chemical method	2025	Ionics	31	7	7411	7425
D.R., Anand Rejilin, D. R.; B., Poul Sebastin, Brightson; R., Rahul, R.	Behavior analysis of reinforced pervious concrete with nano silica and plastics under static, cyclic, and impact loads	2025	Materials Research Express	12	6		
A.A., Gangadhara n, Aravind Ambika; R., Resselian, Rajesh; D.A., Manoharan, Dev Anand	Optimization of fiber loading, fiber length and mathematical modelling of Phoenix Sylvestris leaf sheath biocomposites for structural applications	2025	Multiscale and Multidisciplinary Modeling, Experiments and Design	8	6		
A.S., Vasu, Abhilash S.; T.K., Sreeja, T. K.	A compact flexible dual band coplanar waveguide fed antenna for 5G applications	2025	Analog Integrated Circuits and Signal Processing	123	3		
S.L., Jenish, S. L.; S.,	Enhanced photo detection	2025	Optical Materials	163			

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Valanarasu, Santiyagu; I., Loyola Poul Raj, I.; A.V., Juliet, A. Vimala; R.S., Rimal Isaac, R. S.; V., Ganesh, Vanga; I.S., Yahia, I.S. Sayed	performance of Fe doped Co ₃ O ₄ thin films prepared via the nebulizer spray pyrolysis method						
I.J., Solomon, I. John; D., Raguraman, D.; D., Poosapadi, Dhivakar; B.T., Nalla, Bhanu Teja; R., Kushwah, Rupesh; S.P., Dillibabu, Surrya Prakash; A.D., Joshua, Arockia Dhanraj; G., Kalra, Gourav; T.S., Senthil, Thengiri Subbulakshmi	Pitting corrosion studies on SS316L wall fabricated by directed energy deposition based wire arc process	2025	Journal of Alloys and Metallurgical Systems	10			
S., Vinoth, S.; I.V., Isaiarasu, Inigo Valan; R.S., Rimal Isaac, R. S.; A.V., Juliet, A. Vimala; A.S., Khan, Aayesha	Design and fabrication of enhanced room temperature NH ₃ sensors based on Sn-doped WO ₃ thin films deposited using nebulizer spray pyrolysis technique	2025	Ceramics International	51	13	17423	17432

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Sagir; A., Kumar, Ashwani; M., Shkir, Mohd							
S., Yuvaraj, S.; S., Ramachandran, Selvam; R., Sheela, R.; R., Jothiramalingam, R.; R.S., Rimal Isaac, R. S.; M., Sundararajan, M.; S., Sasikumar, Subramanian	Synthesis and optical and magnetic property characterization of Zn _{1-x} -yCo _x Ni _y Fe ₂ O ₄ (x & y= 0, 0.05, 0.15 and 0.25) nanoparticles	2025	Journal of Ovonic Research	21	3	279	284
S.S., Kumar, S. S.; R.S., Vinod Kumar, R. S.; D., Subbulekshmi, D.	A Review of U-Net-Based Deep Learning Models for Skin Lesion Segmentation	2025	International Journal of Imaging Systems and Technology	35	3		
R., Ajith Raj, R.; S.J., Vijay, S. J.; M., Dev Anand, M.; K.A.S., Lewise, K. Anton Savio; R.S., Rimal Isaac, R. S.	Comprehensive Analysis of Copper–Stainless Steel 304 Dissimilar Joints Using Electron Beam Welding	2025	Physics of Metals and Metallography	126	4	447	460
A.M.H., Khan, A. M.Habeeb; M., Prabu, M.; M., Steephan, Mathew; M., Saravanan, M.; T.K., Sreeja, T. K.	Enhancing dielectric and ferroelectric properties of PZT(52/48) electroceramics by niobium doping	2025	Journal of Materials Science: Materials in Electronics	36	10		
S., Karthikadevi, S.; S.,	Synergistic effects of composite partnering between	2025	Diamond and Related Materials	154			

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Mullainathan, Sundaram; T.R., Rajaganesh, T. R.; P.K., Praseetha, Prabhakaran Kala; R.S., Lakshmi, R. Swarna; R., Shalini, Rajagopal; K., Ravichandran, K.	fluorine doped tin oxide and bio-derived activated carbon for enhanced photocatalytic dye detoxification						
S.S., Kumar, Sudhisht Sathish; S., Valanarasu, Santiyagu; R.S., Rimal Isaac, R. S.; A.V., Juliet, A. Vimala; V., Ganesh, Vanga; I.S., Yahia, I.S. Sayed	Improve the photodetector properties of SnS thin films via nebulizer spray pyrolysis (NSP) technique for UV sensor applications	2025	Journal of Alloys and Compounds	1019			
S.M., Dhanapalan, Sreeja Mallika; N., Nalanth, N.	Exploring Environmentally Sustainable Concrete: An Analytical Investigation on High Performance Concrete with Cellulose Nanofibers	2025	ES Energy and Environment	27			
A.S., Vasu, Abhilash S.; T.K., Sreeja, T. K.; N.R., Lakshmi, N. R.; S.A., Kumar, Silpa Ajith	Nanocomposite based electric and magnetic material enhancing electromagnetic characteristics of cotton substrate radiator	2025	Photonics and Nanostructures - Fundamentals and Applications	63			
S., Subha, S.; K., U,	Efficient Liver Segmentation using	2025	Engineering, Technology	15	1	19324	19330

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Kumaran	Advanced 3D-DCNN Algorithm on CT Images		and Applied Science Research				
A.S., Vasu, Abhilash S.; T.K., Sreeja, T. K.	A nanocomposite filled compact circular Hexa band radiator from a traditional Yagi antenna structure with enhanced radiation for flexible wireless applications	2025	Applied Physics A: Materials Science and Processing	131	2		
R., Ajith Raj, R.; S.J., Vijay, S. J.; M., Dev Anand, M.; K.A.S., Lewise, K. Anton Savio; R.S., Rimal Isaac, R. S.	Electrochemical Corrosion Behaviour of Electron Beam Welded Copper and SS304 Dissimilar Metal Joints in NaCl-Saturated Solution	2025	Protection of Metals and Physical Chemistry of Surfaces	61	1	191	197
S., Shams, Shamsiya; B., Bindhu, B.; A., Murali, Adhigan; R., Ramesh, R.; A.A., Souwaileh, Abdullah Al; S., Han, Sungsoo	High-performance boron nitride/graphene oxide composites modified with sodium thiosulfate for energy storage applications	2025	Nanoscale Advances	7	7	1803	1813
R., Rahul, Rajendran; M.S., Ravikumar, M. S.	EXPERIMENTAL STUDY OF THE EFFECT OF FINE AGGREGATE IN PERVIOUS CONCRETE; EKSPERIMENTALN A [TUDIJA VPLIVA DODATKA FINEGA AGREGATA NA PROPUSTNOST BETONA	2025	Materiali in Tehnologije	59	1	31	37
P., Sankar, Pramod;	Behavioural study of FLGQ and Country	2025	Revista Materia	29	4		

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M.S., Ravi Kumar, Muthuswamy Saraswathi	burnt clay brick prism in stack and staggered bond subjected to uni axial loading						
-L.G., Robin, Lalu Gladson; K., Raghukandan, Krishnamurthy; S., Saravanan, S.	Optimizing explosive welding parameters of Al 5052 - WM - SiCp - Al 1100 composites through microstructural analysis and 3D welding window development	2025	Welding International	39	1	9	22
S.L., Jenish, S. L.; S., Valanarasu, Santiyagu; I., Loyola Poul Raj, I.; A.V., Juliet, A. Vimala; R.S., Rimal Isaac, R. S.; V., Ganesh, Vanga	Boosting the optoelectronic properties of V2O5 thin films by Fe ³⁺ doping for photodetector applications	2025	Optical Materials	158			
R., Somasundaram, Raja; R.S., Rimal Isaac, R. S.; D., Divya, Divakaran; S., Indran, Suyambulingam; S., Siengchin, Suchart; M., Murugan, Manavalan	Agro-waste of Senna alata (L.) Roxb. stem: a sustainable biofiber material for lightweight composites and diverse applications	2025	Cellulose	32	1	383	412
L., Sannasi, Lenin; R., Rajarethinam, Roselin	MECHANICAL BEHAVIOUR OF CONCRETE SLABS REINFORCED WITH STEEL AND GLASS FIBRE-REINFORCED	2025	Materiali in Tehnologije	59	4	543	551

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	POLYMER BARS UNDER STATIC AND CYCLIC LOADING; PRIMERJAVA STATIÄÖENEGA IN DINAMIÄÖENEGA MEHANSKEGA OBNAÄ ANJA Z JEKLOM ARMIRANIH BETONSKIH PLOÄ ÄÖ IN POLIMERNIH PLOÄ ÄÖ OJAÄÖEANIH S STEKLENIMI VLAKNI						
L., Dhanya, L.; R., Chitra, R.; A.M., Bamini, A. M.Anusha	Hybrid Deep-Learning Approach with Transformer Integration for Unknown Malware Detection in IoT Environments	2025	Journal of Sensor Science and Technology	34	4	289	296
S., Lenin, Sannasi; R., Roselin, R.	Fresh properties and strength characteristics of ambient geopolymers concrete with ground granulated blast furnace slag	2025	Revista Materia	30			
A.S., Sabeena, A. S.; D.M., Jeyakumar, Dr M.K.	An Ensemble Learning Approach Using Deep Learning Models For Diabetic Retinopathy Severity Classification	2025					
B.R., Rajakumar, Balaji Rajaguru; S.A., Shanthi, S. Amala	Feature Generation-Based Fingerprint Liveness Detection: A Novel Multimodal Approach	2025	IEEE Access	13		114128	114144
A., KJ, Arun;	Green synthesis of	20	Journal of Thermoplastic				

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M., Muthukrishnan, Meena; T., Kumar, Tamilarasi; T., Senthil Muthu Kumar, Thiagamani; H.A., Fouad, Hassan A.; A.Z., Ansari, Abu Zar	spinel ferrite as a filler in PVC matrix: Enhancing structural, optical, and thermal properties	25	Composite Materials				
A., Anu Kuttan, A.; R., Rajesh, R.; M.D., Anand, M. Dev	Enhancing Mechanical Properties of Al6061 Alloy with Zirconium Carbide Reinforcements	2025					
M.J., Bosco, M. John; M.C., Mabel, M. Carolin; M.M.S., Jain Preetha, M. Mary Synthuja	An Extended Cross Diagonal View Network Topology for a PV System of Non-Square Dimension under Shading Conditions to Yield Maximal Power	2024	Journal of New Materials for Electrochemical Systems	27	4	291	300
R., Sumethra, R.; T., Jayakumari, T.; N., Anuradha, Narayanamoorthi; K., Ravichandran, K.; M., Varshini, Mahendran; M., Ayyanar, M.; P.K., Praseetha, Prabhakaran Kala	Effect of nanocomposite partnering of g-C ₃ N ₄ with Morinda pubescens leaf extract mediated Sr doped Ni/NiO on the photocatalytic dye detoxification: Confirmation by seed germination test	2024	Diamond and Related Materials	150			
S.,	A cleaner and	20	Materials	41			

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Priyadharshini, Saravanan; S., Jasmine Jecintha Kay, S.; M., Ayyanar, M.; C., Jenipher, Christopher; T., Arun, Thirumurugan; R.S., Rimal Isaac, R. S.; N., Chidhambaram, Natarajan	multifunctional Citrus limonium-assisted ZnO/MgO nanocomposite synthesis: Extensive investigations on antibacterial, antioxidant, and antidiabetic applications	24	Today Communications				
I.J., Solomon, I. John; J., Srinivas, J.; S.J., Leon, S. John; A., Ramesh, Ajith; I.J., Rohith, I. J.; T.S., Senthil, Thengiri Subbulakshmi	Mechanical and microstructural investigation of multi-layered Inconel 825 wall fabricated using CMT-based WAAM	20 24	Journal of Alloys and Metallurgical Systems	8			
J., Kunjumon, Jibi; J., Alex, Javeesh; D., Prashant Hanamantrao, Desai; R., Anjana, Radhakrishnan; A., Joseph, Aruna; W., Akram, Wasim; R.S., Rimal Isaac, R. S.; K., Vediappan, Kumaran; A.,	Magnetic, electrochemical properties and probable mechanism of charge storage in the pristine and Cr- doped CeO ₂	20 24	Inorganic Chemistry Communications	170			

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Aravind, Arun; T.S., Maity, Tuhin S.							
S.S.D., Kumar, Siga Selvin Deva; R., Resselian, Rajesh; M., Dev Anand, M.; Y., Thooyavan, Yesudhasan; B., Joseph Selvi, Binoj	Optimization of fiber content, length and its effect on overall properties of Licuala grandis leaf stalk fiber/polyester reinforced bio-composites	2024	Journal of Polymer Science	62	23	5265	5276
A.S., Vasu, Abhilash S.; T.K., Sreeja, T. K.; N.R., Lakshmi, N. R.	Nanocomposite filled slots that enhance radiation of flexible nonagon antenna	2024	Microelectronic Engineering	294			
A.M., Vijay, Aromal M.; T., Kavinkumar, Thangavelu; S., Gobalakrishnan, S.; N., Chidhambaram, Natarajan; P., Asaithambi, Perumal; R., Srinivasan, R.; T., Arun, Thirumurugan	Designing multifunctional Nb ₂ O ₅ rods with ZnO modified g-C ₃ N ₄ hybrid material for energy storage and hydrogen evolution	2024	Applied Physics A: Materials Science and Processing	130	11		
R.J., Parvathy, R. J.; D.N., Rajendran, Deepthi Narayanan; M.B., Buchi Suresh,	Low temperature processing and characterization of novel ceria based electrolyte composition Ce _{0.8} xGd _{0.1} Bi _{0.1} Ti _x O ₂ (x =	2024	Applied Physics A: Materials Science and Processing	130	11		

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Madireddy Buchi; R.S., Rimal Isaac, R. S.	0.05,0.1) for intermediate temperature SOFC application						
A.M., Vijay, Aromal M.; S., Gobalakrishnan, S.; N., Chidhambaram, Natarajan; P., Asaithambi, Perumal; T., Kavinkumar, Thangavelu; T., Arun, Thirumurugan	Zinc oxide-modified graphitic carbon nitride nanosheets as stable electrode material for supercapacitor applications	2024	MRS Advances	9	15	1183	1187
M., Bakhtierkhalzi, Md; M.T., Islam, Md Tariqul; K.S., Asnaf, Kh Shahriar; A.M., Parvej, Abdul Mojid; M.R.I., Sarker, Md Rabiul Islam	Comparative performance investigation of conventional and modified stepped basin pyramid solar still with improved insulation: Experimental evaluation	2024	Desalination	587			
R.G., Raman, R. Ganapathi; M., Muhammed Shameem, M.; P., Kavitha, P.; C., Sankar, C.; S.R., Kalaivani, S. R.	ZnZrO ₂ -adorned graphitic carbon nitride (g-C ₃ N ₄) on a laser-induced graphene electrode as an electrochemical sensor for the detection of ractopamine in meat samples	2024	New Journal of Chemistry	48	44	18931	18942
B., Jebanisha, B.; V.N., Meena Devi,	Magnetic and dielectric characteristics of rGO modified BFO	2024	Ceramics International	50	19	36955	36963

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V. N.; J.J., Varghese, Jiji Ji; N.R., Aswathy, N. R.; R., Vinod Kumar, R.	nanoparticles produced using sol-gel via auto-combustion method						
M., Sundararajan, M.; P.A., Udhaya, P. Aji; S., Baskar, Siva; M., Ubaidullah, Mohd; M.K., Gupta, Manish K.; S., Yuvaraj, S.; C.S., Dash, Chandra Sekhar; K., Kaur, Kirtanjot; A., Manohar, Ala; R.S., Rimal Isaac, R. S.	Structural, Magnetic, Morphology, Optical, and Vibrational Properties of In Substituted La ₂ CuO ₄ Nanoparticles	2024	Journal of Superconductivity and Novel Magnetism	37	08-Oct	1529	1540
I., Loyola Poul Raj, I.; S., Valanarasu, Santiyagu; A.V., Juliet, A. Vimala; R.S., Rimal Isaac, R. S.; V., Ganesh, Vanga	Boosting the UV photo-detecting properties of V ₂ O ₅ thin films by doping In ³⁺ doping	2024	Optics and Laser Technology	177			
C.S., Parvathy, C. S.; J.P., Jayan, J. P.	Automatic Lung Cancer Detection Using Computed Tomography Based on Chan Vese Segmentation and SENET	2024	Optical Memory and Neural Networks (Information Optics)	33	3	339	354
S., Asvitha	Effectiveness of	20	Materials	11	9		

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Valli, Sankaranarayanan; R.M.S., Kumar, Ravi M.S.	Xanthan Gum-based composite in repairing cracks in reinforced concrete structures	24	Research Express				
S., Vidhya, S.; Y., Subramanian, Yathavan; K., Durgadevi, K.; V.C., Bharath Sabarish, V. C.; A., Durairajan, A.; M.P.F., Graña, Manuel Pedro F.; J., Gajendiran, J.; A.K., Azad, A. K.; S., Gokul Raj, S.; G., Ramesh Kumar, G.	Influence of graphitic phase on the structural, optical, electrical and photocatalytic properties of BiFeO ₃ /KNbO ₃ based binary nanocomposites	2024	Ceramics International	50	17	29097	29107
V.T., Hoang, Van Tho; D., Lee, Daesung; J., Kweon, Jin-hwe; B., Kwak, Byeongsu; Y., Nam, Youngwoo	Multifunctional heating film as susceptor for induction-welded single-lap carbon fiber reinforced polyetherketoneketone thermoplastic composite joints: Thermal and mechanical behavior	2024	Journal of Reinforced Plastics and Composites	43	17-18	980	994
P.K., Praseetha, Prabhakaran Kala; P., Alexander, Princy; L., Gangadhar, Lekshmi; S.,	Biocompatible nanocomposite for scaffolds in tissue engineering: A breakthrough discovery for regenerative therapy	2024	Polymers for Advanced Technologies	35	8		

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Subburaj, Saranyadevi; D.J.M., Kumar, D. J.Mukesh; S., Aldawood, Saad; T., Selvankumar, Thangaswamy; S., Vijayakumar, Suburamanyan							
M., Sundararajan, M.; M., Sukumar, M.; P., Prameela, Potlakayala; C.S., Dash, Chandra Sekhar; R., Jothiramalingam, Rajabathar; A.M., TIGHEZZA, Ammar M.; S., Yuvaraj, S.; R.S., Rimal Isaac, R. S.; L., Rajadurai, L.; S., Ayyaru, Sivasankaran	Structural, elemental, morphological, optical, vibrational and magnetic behaviour of Mg ²⁺ doped La ₂ CuO ₄ nanoparticles	2024	Journal of Materials Science: Materials in Electronics	35	22		
N.S., George, Nithya S.; S.R., Ali, Syeda Ramsha; R., Babu, Ragavendra; L.M., Jose, Lolly Maria; R., Jayavel,	Hydrothermally grown hollandite manganese dioxide nanorods: evaluation of supercapattery performance and photocatalytic efficiency	2024	Ionics	30	8	4931	4949

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R.; K.C., Sanal, K. C.; H., M P, Harikrishnan; R.S., Rimal Isaac, R. S.; D., Sajan, D.; A., Aravind, Arun							
A., Sudha, A.; I., Manimehan, I.; R., Shalini, Rajagopal; M., Varshini, Mahendran; K., Ravichandran, K.; M., Ayyanar, M.; P.K., Praseetha, Prabhakaran Kala; D., Saravanakumar, D.	Assessment of de-toxicity of treated dye solution via seed germination test: Photocatalytic treatment by Morinda citrifolia leaf extract mediated ZnO:Mo/g-C ₃ N ₄ nanocomposite	2024	Materials Science in Semiconductor Processing	178			
A.S., Favas, A. S.; B.R., Bavanish, B. Retnam	Nanoindentation and mechanical characteristics of TiO ₂ /polypropylene polymer nanocomposite	2024	Digest Journal of Nanomaterials and Biostructures	19	3	1255	1263
K., Ravichandran, K.; R., Shalini, Rajagopal; P., Kavitha, Pazhanisamy ; P.K., Praseetha, Prabhakaran Kala; S., Subramanian , Sriram; A., Viji, Arangarajan;	Earthworm excrete derived-enzyme enriched SnO ₂ /g-C ₃ N ₄ nanocomposite for near complete decomposition of toxic dye molecules	2024	Materials Chemistry and Physics	320			

Authors	Title	Year	Source title	Volume	Issue	Page start	Page end
V., Sivaranjani, V.							
P., Preeda, P.; R.G., Raman, R. Ganapathi; P., Sakthivel, P.; T., Arun, Thirumuruga n; S., Suresh, Sagadevan	A facile growth, optical behavior of organic nonlinear optical crystal: 4- bromo-2- methylbenzonitrile	20 24	MRS Advances	9	9	614	621
T., Mahala, Trinath; N., Sharma, Naveen	Experimental investigations of a novel solar still with heat storage materials - energy, exergy, economic and environmental analyses	20 24	Desalination	578			
C., Edwin Singh, C.; S., Sharon Priya, Sharon; B., Muthu Kumar, B.; K., Saravanan, K.; A., Neelima, A.; B., Gireesha, B.	Trust aware fuzzy clustering based reliable routing in Manet	20 24	Measureme nt: Sensors	33			
R., Anjana, Radhakrishn an; P.M., Anjana, P. M.; J., Alex, Javeesh; R.S., Rimal Isaac, R. S.; R.S.S., Hussain, R. S.Shamima; D., Sajan, D.	Investigations on supercapacitor performance of novel ZnO-CeO ₂ - rGO nanohybrid prepared via hydrothermal method for energy storage applications and their charge storage mechanism	20 24	Diamond and Related Materials	146			
R.D., Navaneethan , Renuga	Caralluma pauciflora based Ag-NPs activate ROS -	20 24	Nanotechnol ogy	35	19		

Authors	Title	Year	Source title	Volume	Issue	Page start	Page end
Devi; N.C., Packia Lekshmi, N. C.J.; M., Ramaiah, Mariselvam; R., Ravindran, Rajeswari; T., Ananth Kumar, T.; C., Arunachalam , C.; S., Ali Alharbi, Sulaiman; A., Sivagnanam, Ananthi; P.K.M., Mohamed Ibrahim, Ponnani Kaja Mideen	induced apoptosis through down- regulation of AKT, mTOR and p13K signaling in human gastric cancer (AGS) cells						
G., Ramanan, G.; R.R., Neela Rajan, R. R.; S.M., Suresh, S. Maskibail; J., Cho, Jaehyuk; V.E., Sathishkumar, Veerappamp alayam Easwaramoorthy	Effect of Al7075 and activated carbon reinforced composite on optimizing WEDM responses	20 24	Materials Research Express	11	5		
M., Varshini, Mahendran; K., Ravichandran, K.; P., Kala Praseetha, Prabhakaran;	Effective composite partnering of green synthesized rGO with SnO ₂ :Ce: An eco-friendly approach using Cassia fistula fruit pulp for	20 24	Ceramics International	50	9	1425 3	1426 7

Authors	Title	Year	Source title	Volume	Issue	Page start	Page end
M., Ayyanar, M.; S., Jothi Ramalingam, Sivanesan; A., Viji, Arangarajan; R., Manimekalai, Ramadoss	photocatalytic and biomedical applications						
R., Sankar, Raji; T.M., Sharmila, T. M.	3-Phenoxybenzaldehyde and Glycine-Derived Schiff base M(II) Complexes: Synthesis, molecular Modeling, spectroscopic Exploration, and antimicrobial evaluation	2024	Inorganic Chemistry Communications	162			
A., Michael, Arun; E.R., John, Edwin Rajadhas	Thermo-Mechanical, Tribological and Microstructural Properties of Aluminium AA8011/B4C/Graphene Based Hybrid Composites	2024	Transactions of the Indian Institute of Metals	77	4	1217	1228
A., Anu Kuttan, A.; R., Rajesh, R.; M., Dev Anand, M.	Employing Aluminum Matrix Composite for Stir Casting Process for Investigating the Performance of A1-6061	2024	Journal of The Institution of Engineers (India): Series D	105	1	395	403
R.S.S., Raja S, Raja Soma Sundaram; S., Meena, S.; P., Ananchaperumal, Premkumar; S., Indran, Suyambulingam; S.,	Enhancing properties and sustainability: Surface modified Cymbopogon flexuosus stem fiber for green composite materials	2024	Polymer Composites	45	3	2809	2824

Authors	Title	Year	Source title	Volume	Issue	Page start	Page end
Siengchin, Suchart							
R., Ajith Raj, R.; M., Fahad, Mohammed; M., Dev Anand, M.; A.H.P., Ajmal, Azeem Hafiz Parayil; N.A., Salam, Niaz Abdul; V., Jayaram, V.	Investigation of Intermetallic Compound Formation in Dissimilar Metal Welds between Copper and Stainless Steel using Gas Tungsten Arc Welding	2024	Journal of Advanced Research in Applied Mechanics	114	1	163	172
M., Fahad, Mohammed; B.B., Retnam, Bavanish Balac; K.A.S., Lewise, K. Anton Savio; R., Ajith Raj, R.; V., Jayaram, V.; N.A., Salam, Niaz Abdul	Preparation And Characterization of Nano Lanthanum Dioxide Fortified with Magnesium Alloy	2024	Journal of Advanced Research in Applied Mechanics	114	1	173	181
S.K., Shiji, S. K.; S.H., Krishnaveni, S. H.; L.P., Suresh, L. Padma	Re-construction of original face images from plastic surgery images using harmony search algorithm and IRBFN model	2024	Measurement: Sensors	31			
S., Suvathi, S.; K., Ravichandran, K.; K., Marimuthu, Karunakaran; P.K., Praseetha, Prabhakaran Kala; M., Ayyanar, M.;	Biowastes-derived enzyme-powered zinc oxide and titanium oxide nanomaterials synthesis for anticancer and eco-friendly photocatalytic activity	2024	Applied Materials Today	36			

Authors	Title	Year	Source title	Volume	Issue	Page start	Page end
S., Gobalakrishnan, S.							
V.V., Monikandan, V. V.; K., Pratheesh, K.; C., Santulli, C.; S., Digra, S.; P.V., Prasanth, P. V.; E.R.J., Dhas, Edwin Raja J.	History of tribology: Assessing the prehistoric impacts, progress on industrial and scientific revolution eras, and contemporary interdisciplinary research trends	20 24	Tribologia: Finnish Journal of Tribology	41		4	15
J.A., Murali, Juliet A.; T., Brindha, T.	A Multi-Objective Clustered Input Oriented Salp Swarm Algorithm in Cloud Computing	20 24	Computers, Materials and Continua	81	3	4659	4690
N.H., Muslim, Nur Husna; A.A., Maryani, Abdul Aziz; N.A., Hisham, Nur Aqilah; M.A.A.M., Radzi, Muhammad Ariff Aiman Mohd; N.H., Abdullah, Noorul Hudai; N.A.A., Salim, Nur Atikah Abdul; N.A., Hassan, Norzainariah Abu	Calcined Waste Marsh Clam Shell in Various Combustion Temperatures as Phosphate Removal in Water	20 24	International Journal of Integrated Engineering	16	9	67	79
P.A., Jose, Prakash Arul; N., Proy, Nisha	Studies on cement- based soil stabilizer properties using nano-SiO ₂ with	20 24	Revista Materia	29	4		

Authors	Title	Year	Source title	Volume	Issue	Page start	Page end
	bentonite clay						
P., Sankar, Pramod; M.S., Ravi Kumar, Muthuswamy Saraswathi	Performance evaluation of fly ash-lime-gypsum-quarry dust (FALGQ) bricks for sustainable construction	2024	High Temperature Materials and Processes	43	1		
P., Sankar, Pramod; M.S., Ravi Kumar, Muthuswamy Saraswathi	Experimental study of strength and durability properties of fly ash-lime-quarry dust (FALGQ) bricks	2024	Revista Materia	29	3		
S.M., Dhanapalan, Sreeja Mallika; N., Nalanth, N.	Influence of cellulose nanofibers and metakaolin for sustainable HPC beam-column joints under cyclic loads	2024	Revista Materia	29	3		
J.J., Rani, Jebakumar Jensika; T., Jebarsan, Thanka; R.D., Kumar, Ramamurthy Dinesh; N., Navaprakash, N.	Ultra-High-Performance Concrete (UHPC): A microstructural and particle packing investigation	2024	Revista Materia	29	3		
R., Rahul, Rajendran; M.S., Ravi Kumar, Muthuswamy Saraswathi	Influence of nano-silica and shredded plastics in pervious concrete	2024	Revista Materia	29	3		
S., Asvitha Valli, Sankaranarayanan; M.S., Ravi Kumar, Muthuswamy Saraswathi	Innovative approaches to enhancing crack repair: Performance optimization of biopolymer-infused CXT	2024	High Temperature Materials and Processes	43	1		
S.M., Sasikanth, S. M.; G., Raman, Ganapathi	HYDROTHERMALLY DEVELOPED TITANIUM DIOXIDE AND EUROPIUM-DOPED	2024	Materiali in Tehnologije	58	4	491	496

Authors	Title	Year	Source title	Volume	Issue	Page start	Page end
	COMPOSITE MATERIALS FOR PHOTODEGRADATION APPLICATIONS; HIDROTERMALNI RAZVOJ TITANOVEGA OKSIDA IN Z EVROPIJEM DOPIRANI KOMPOZITNI MATERIALI ZA FOTO DEGRACIJSKE APLIKACIJE						
J., Varghese, Joly; K., Sivasankar, K.	Statistical Analysis of Pneumonia Affected Chest X-Ray for Covid-19 Detection and RNA Cell Analysis Using Machine Learning Architecture	2024	Nanotechnology Perceptions	20	S3	640	660
S.M., Kavitha, Sethuraman Muthusamy; M.S., Ravikumar, M. S.	COMPRESSIVE STRENGTH PERFORMANCE OF CARBON AND BASALT FIBER REINFORCED CONCRETE	2024	Journal of the Balkan Tribological Association	30	3	463	471
F., J, Fehlbeg; R.K.M., S, Ravi Kumar M.	EXPERIMENTAL INVESTIGATION OF GREEN CONCRETE USING BOVINE FAECES ASH AND NON-DEGRADABLE PLASTIC WASTE MATERIALS; EKSPERIMENTALNO RAZISKOVANJE SUROVEGA BETONA Z UPORABO PEPELA IZ GOVEJIH ODPADKOV IN	2024	Materiali in Tehnologije	58	3	371	377

Authors	Title	Year	Source title	Volume	Issue	Page start	Page end
	NERAZGRADLJIVE ODPADNE PLASTIKE						
P.D., Dethan, Praveen D.; R., Rajesh, R.; M., Dev Anand, M.	A REVIEW ON GREEN CORROSION INHIBITORS FOR MAGNESIUM AND ITS ALLOY	20 24	Journal of the Balkan Tribological Association	30	2	218	229
A.R., Bushara, A. R.; R.S., Vinod Kumar, R. S.; S.S., Kumar, S. S.	The Implications of Varying Batch-Size in the Classification of Patch-Based Lung Nodules Using Convolutional Neural Network Architecture on Computed Tomography Images	20 24	Journal of Biomedical Photonics and Engineering	10	1		
N.R., Raji, N. R.; R.M.S., Kumar, R. Mathusootha na S.; C.L., Biji, C. L.	Explainable Machine Learning Prediction for the Academic Performance of Deaf Scholars	20 24	IEEE Access	12		2359 5	2361 2
P.R.B., Push, Pushpa Raj Berlin; B.R., Bavanish, B. Retnam	Experimental investigation on the mechanical properties of Al ₂₀₂₄ doped with green synthesized quantum dots	20 24	Revista Materia	28	4		
R.G., Raman, R. Ganapathi; P., Preeda, P.	Hyperconjugation and Hydrogen Bonding Interactions Effect with the Nonlinear Optical Features of 4- Chlorophenoxy Acetonitrile: An Experimental and DFT Methodology	20 24	Polycyclic Aromatic Compounds	44	5	2887	2903

9. Consultancy:

Name of the Consultant	Name of Consultancy Project	Consulting/Sponsoring Agency with Contact Details	Revenue Generated (INR in Lakhs)

Dr. R. Rajesh	Students Project	Rohini College of Engineering and Technology Near Anjugramam JN, Kanyakumari Main Road, Palkulam, K.K.Dist,Tamil Nadu, PinCode - 629401.	0.02
Dr. R. S. Rimal Isaac	Testing and Evaluation	Various Colleges	3.8
Department of Information Technology	Website Revamping	Rubix Crew Pvt Ltd, Address: Rubix Crew Pvt Ltd, Capital Towers, Statue, Thiruvananthapuram – 695001 Contact Number: 9746570333	0.05
Department of Civil Engineering	Pentarch the Designers and Builders	Cube Test	0.012
Dr. J. Arul Linsely	Waste to Energy	NIMS Medicity	3
Names of the Teacher-Consultants/Corporate Trainers	Title of the Corporate Training Program	Agency Seeking Training with Contact Details	Revenue Generated (Amount in Rupees)
Dr. R. Rajesh	Students Training in Various Mechanical Base Design Software	J J Arcade, Near New Bus Stand, Marthandam, TamilNadu 629165	0.025

10. Colloboration:

Sl. No.	Name of Institution/Organisation/University/Industry	Date
-	-	-

11. Any Other Information:

(a) Research Work (Academic)

Sl. No.	Name of the Scholar	Title	Supervisor
1.	Arthi D.	Physio Chemical Studies on Assighment of Ground Water Quality in the Thamirabarani River	Dr. J. Joseph
2.	Michael Ahitha Jose J.	Assignment of Physio Chemical Quality paRameters in the Industry Sewage	Dr. J. Joseph
3.	Abisha M. R.	Soil Stabilization Using Different Nano Structured	Dr. J. Prakash Arul Jose

		Material	
4.	Dharsana M.	Water Purification Using Different Nano Materials	Dr. J. Prakash Arul Jose
5	Sobha P	Transit Oriented Development Approach for Trivandrum City	Dr. J. Prakash Arul Jose
6.	Shajan V. C.	Development of Engineered Wood with Intention to Replace Current Wood Products	Dr. N. Nalanth, Professor
7.	Veena Vijayan L.	Enhancing the Strength Characteristics of Clayey Soil Stabilized with Nano Materials	Dr. J. Prakash Arul Jose
8.	Nisha N. P.	Prediction of Leakage Through Geo Synthetic Clay Liner	Dr. J. Prakash Arul Jose
9.	Rajalekshmi P.	Experimental Behaviour of High Performance Concrete (HPC)	Dr. J. Prakash Arul Jose
10.	Sankaranarayanan R.V.	Development and Performance Evaluation of High Performance Concrete	Dr. N. Nalanth
12.	Lathika P.	Bayesian Methods in Increasing Agricultural Yield Based on Efficient Weather Forecasting	Dr. D. Sheeba Singh
13.	Sheena K. P.	Fuzzy Algebra	Dr. Uma Devi
14.	Prem Narayan	Application of Artificial intelligence & Augmentation Reality in Additive manufacturing Process	Dr. Rajesh R
15.	Christin Raj C. P.	Synthesis and Characteristic Study of Materials Used in Rocket Engine Nozzle	Dr. B. Bavanish
16.	Prasanth P. V.	Investigations on Nano Enhanced Hybrid Honey Comb Sandwich Panels	Dr. M. Edwin Sahayaraj
17.	Sharath Krishnan C. K.	Drilling of Multi-Directional E-Glass Fibre Reinforced Composite (MD-E-GPRC) analysing Optimizing the Parameters by Digital Image Processing Techniques Minitab Software (Taguchi Method)	Dr. J. Edwin Raja Dhas
18.	Thinagar A.	Synthesis, Characterization and Analysis of Natural Fibre Reinforced Polymer	Dr. B. Stanly Jones Retnam

		Composite	
19.	Aswathy Chandran Y. C.	Fabrication and Characterization of DSSC natuRal Pigments	Dr. B. Bindu
20.	Neeraja S. M.	Fe ₂ O ₃ Polymer Composite	Dr. B. Bindu,
21.	Anjana P. T.	Modelling Aspects of Charge Particles Dosimetry.	Dr. R. Ganapathi Raman
23.	Vel Murugan G.	Studies on Nano Materials of Tungsten and European Based Component	Dr. R. Ganapathi Raman
23.	Muhammed Shameem. M.	Preparation and Characterization of Potential Metal Oxide Components	Dr. R. Ganapathi Raman
24.	Sneha S. Nair	Advantages of Helical Tomotherapy Over Volumetric Modulated Arc Therapy for cAncer Treatment. An Evaluation Based on Dosimetric and Radio Biological Indicates	Dr. V. N. Meena Devi

(b) Research Patents:

Sl. No.	Name of the Patenter	Title of the Patent	Patent Application Number	Date of Publication	Patent Number & Year of Award	Status
1.	Dr. G. Ramadas, Deputy Librarian, NICHE	Manless Smart Library Management System Using AGVS and Robot	E-2/2943/2018 CHE201841 036627	23/02/2019	-	Application Awaiting Examination
2.	Rimal Isaac R S Assistant Professor, Department of Nanotechnology, NICHE	Bio Synthesized Gold Nano formulation	2019410547 05	10/01/2020	-	Application Awaiting Examination
3.	Dr. J.P. Jayan	Vehicle Information Sharing system uSing Artificial Intelligence	2018410304 44	14/02/2020	-	Application Awaiting Examination

4.	Dr. R. V. Siva Balan Assistant Professor, Department of Management Studies, NICHE	An Automated Methodology and System to Manage the Student Related Information Efficiently	202041021480	05/06/2020	-	Awaiting Request for Examination
5.	Dr.M.Mary Synthuja Jain Preetha, Assistant Professor, Department of ECE, NICHE	Maximum Power Extraction of Photovoltaic System Using a Novel Cross Diagonal View Method	202041010191	28/08/2020	-	Awaiting Request for Examination
6.	Dr. P. K. Praseetha, Professor and Head. Department of Nanotechnology, NICHE	Carbon Quantum Dots can ACT as the Powerful Wound Healant	201941025609E-3/18311/2019CHE	-	-	Application Not Yet Published
7.	Dr. P. K. Praseetha, Professor and Head, Department of Nanotechnology, NICHE	Ficus Bengalen sis Derived Eisosane Loaded Iron Oxide Nanoparticles to Combat Melanoma	201941025619E-2/18315/2019CHE	-	-	Application Not Yet Published
8.	Dr. R. Mathusootha na S. Kumar, Prpfessor & Head, Department of IT, NICHE	Internal Intrusion Detection and Prevention System by Using Data Mining and Cryptographic Technoques	E-3/18309/2019CHE 201941025605	-	-	Application Not Yet Published
9.	Dr. B. Bindhu, Professor and Head, Depart ment of Physics, NICH E	Sol Gel Synthesis of PB0.98B10.02 ZRO.52T10.48 O3 Nanoceramics	201941025595E-3/18301/2019CHE	-	-	Application Not Yet Published

10.	Dr. G. ArockiaSelva Saroja, Associate Professor, Department of EIE, NICHE	Automatic Speed Control System in Automobiles using RF Signal	E-3/18308/2019CHE 201941025604	-	-	Application Not Yet Published
11.	Dr. S. Maria Celestin Vigila, Associate Professor, Department IT, NICHE	Fusion of DNA Sequence and Hyper Chaotic Technique for Securing Medical Image Applications	E-3/18303/2019CHE 201941025600	-	-	Application Not Yet Published
12.	Dr. J. Edwin Raja Dhas, Professor and Head, Department of Automobile Engineering, NICHE	Design and Development of Inbuilt Hydraulic Jack for Automobiles	201941025620 E-3/18318/2019CHE	-	-	Application Not Yet Published
13.	Shanila N. Ph.D. Research Scholar, Department of Electronics and Communication Engineering, NICHE	Artificial Intelligence Based Liver Cancer Detection System (Livernet)	201941025614 E-3/18313/2019CHE	-	-	Application Not Yet Published
14.	Sujeesh S.U.,EEE Student, NICHE	Maximum Energy Conservation Using 3 Port Converter in Hybrid Energy System	201941025623 E-3/18321/2019-CHE	-	-	Application not yet published
15.	Dr. S. Palanikumar, Associate Professor, Department of IT, NICHE	Fack Image Detection using Color Model	201941025594E-3/18300/2019CHE	-	-	Application Not Yet Published

16.	Mr. I. Shunmugam M.E (C&I) Student, Department of Electronics & Instrumentation Engineering NICHE	An Algorithmic Approach Based FO-PID Tuning of a Real Time Conical Tank Process Used in Waste Water	2019410256 03E- 3/18305/201 9CHE	-	-	Application Not Yet Published
17.	Dr. Brindha T., Assistant Professor, Department of IT, NICHE	A Secured Access Control Technique Based on RFID Using 8051 Microcontroller	2019410256 23E- 3/18313/201 9CHE	-	-	Application Not Yet Published
18.	Dr. Bindhu B., Professor, Department of Physics, NICHE	Low Temperature Synthesis of Calcium and Hafnium Co- Doped Barium Titanate Nano Ceramics	2019410256 11E- 3/18312/201 9CHE	-	-	Application Not Yet Published
19.	Sumi M. S., Research Scholar, NICHE	An Energy Efficient Cluster Based Cooperative Spectrum Sensing with Minimum Distance Criteria	2019410255 99 E- 3/18303/201 9CHE	-	-	Application Not Yet Published
20.	J. Nancy Mary P.G. Scholar Department of Software Engineering NICHE	Treatment Advisor Machine Enhanced with AI	E- 2/3211/2019 CHE 2019410414 09	-	-	Application Not Yet Published
21.	Dr. R.Kalaiselvi, Associate Professor, Department of CSE, NICHE	Secure Data Outsourcing in Cloud Environment and a method thereof	2020410197 90	23/05/2020	-	Application Awaiting Examination

23.	Dr. Siva Sankar, Associate Professor, Department of IT, NICHE	Design of Multidimensional Cartesian Gantry Robotic Systems for Building Construction	202041021483	05/06/2020	-	Application Awaiting Examination

News

- ❖ The academicians are associated with patents, technical papers and books.
- ❖ Visits by eminent personalities in diverse fields such as engineering and technology inspire the scholars and faculties of the NICHE.
- ❖ Conferences, Symposia, Workshops and Seminars on focus themes are important academic activities to stimulate discussions on different areas of importance. Many of these activities invite and receive participation from other organizations, which bring the additional benefit of increasing the Institute's visibility to the outside world.
- ❖ The invited lectures were delivered by experts invited to the NICHE –BRDC to share their insights in their respective fields and to kindle scholarly interest in the students in a diverse range of topics. These lectures, attended by the scholars, faculty and staff, are delivered at a level that is easily understood by even the uninitiated.
- ❖ Some of the scholars defended their Ph.D. theses successfully.

ANTI RAGGING CELL

1. Name of the Cell : Anti Ragging Cell
2. Director/ Convener/ Nodal Officer/ Faculty Incharge : Dr.M. Sankaranarayana Pillai
3. E-mail , Phone no : msankars@yahoo.com; 9442077787
4. Details of other members

S.No.	Name	Designation	Department	Qualification
1	Dr.B.Bindhu	Director- Student affairs		
2	Dr. R. Dharmaraj	Director- Physical Education		
3	Dr.K. Muthuvel	First Year Coordinator		
4	Dr. G. Arokiya Selva Saroja	Head, AHS		
5	Dr.R.Rajesh	Head, Mechanical Enng Dept		

S.No.	Name	Designation	Department	Qualification
6	Ratheesh	Director- Centre Of Excellence		
7	Thasilthar			
8	Inspector of Police			
9	Mr.R.Raghu Kumar	Advocate		
10	N. Velagutham Pillai	Press		
11	Mrs. Anitha Natarajan			
12	Mr. Pradeep Mohan			
13	Mr. Suresh Kumar			
14	Parent Representative			
15	Student Representative			

5. No. of Complaints Received : Nil

6. No. of Complaints Disposed :Nil

7. No. of Complaints Pending : Nil

8. Details of Meetings held

S.No.	Date/ Day / Time	Venue	Out come
1	01.08.2024 / 3 PM	VC Conference Hall	Resolved to obser anti ragging day/ Week
2	05.08.2024 / 11.30 AM	VC Conference Hall	Online Program
3	03.04.2025/ 11 AM	AHS Conference Hall	Sensitization Program
4	16.04.2025/3 PM	VC Conference Hall	Analysed the functioning

9. Other Information (if any) Program held

1. Anti ragging awarenedd Rally on 08.08.2024
2. Workshop on anti ragging awareness 16.8.2024
3. Orientation program on 22.8.2024 with DSP & Inspector of Police as Resource Person
4. Display of circulars, banners etc in the campus.

Entrepreneurship Development Cell

1. Name of the Cell : Entrepreneurship Development Cell
2. Director/ Convener/ Nodal Officer/ : Dr Jubi R (Convener)
3. E-mail , Phone no : 9447472428

4. Details of other members

S. No.	Name	Designation	Department	Qualification
1	Dr H Vennila	ASSOCIATE PROFESSOR	EEE	ME ,PhD
2	Dr Joselin Herbert	PROFESSOR	MECHANICAL ENGG.	ME ,PhD
3	Dr V P Velmurugan	ASSOCIATE PROFESSOR	FMS	MBA,PhD
4	Dr Roselin R	ASSISTANT PROFESSOR	CIVIL ENGG.	ME ,PhD
5	Dr Inbasaharan R	ASSISTANT PROFESSOR	FMS	MBA,PhD
6	Dr D Deekshith	ASSISTANT PROFESSOR	FMS	MBA,PhD
7	Mr Abinеш Aananth	ASSISTANT PROFESSOR	FMS	MBA
8	Mrs.Jothy C R	ASSISTANT PROFESSOR	CSE	ME

5. Details of the EDP Programmes conducted :

Sl.No.	Programme	Date	No. of Participants	Remarks
1	How to select Entrepreneurship as a career?	21-08-2024	32	Conducted FMS in association with Chamber of Commerce Trivandrum
2	Entrepreneurship as a Carrier Option	28-11-2024	59	Arranged with three Guest Speakers
3	Skills sets for an Executive	03-09-2024	52	Interactive session with Dr Shubin Tad
4	Entrepreneurship in Digital Age	28-10-2024	49	Seminar with Mr Sateesh Kumar,Fouder Agile Tribe as Guest
5	Entrepreneurship Awareness Program	07-11-2024	59	Mr.R.Rathese, Managing Director, Renu Foundations

Sl.No.	Programme	Date	No. of Participants	Remarks
6	Entrepreneurship as Life Journey	09.01.2025	45	Ivited Talk with Mr S Ajit Kumar,CEO.
7	Impact of Simulations on Modern Business	23.03.2025	59	Mr Balamani Kanteswaran ,Cesim India PVT.Ltd.

:

6. Details of Meetings held

Sl.No.	Date/ Day / Time	Venue	Out come
1	27.10.2024	MBA HoD Cabin	Prepared the plan of action for the programme on 28-10-2024
2	06-11-2024	MBA HoD Cabin	Prepared the action plan for the programme scheduled on 07.11.2024
3	21.03.2025	MBA HoD Cabin	Prepared the plan of action for the programme on 23.03.2025

7. Other Information (if any)

The Entrepreneurship Development Cell worked for developing the Entrepreneurial Competencies of the students and the students actively participated in the weekly activities of the ED Cell along with the special programmes also.

STUDENTS COUNCIL

- Director/ Convener/ Nodal Officer/ Faculty Incharge : Dr. B. Bindhu
- E-mail , Phone no : bindhub@niuniv.com, 9500427092
- Details of other members

S.No.	Name	Designation	Department	Qualification
1	Dr. Tessy Thomas	Patron	Vice- Chancellor of NICHE & Missile Woman of India	M.Tech., Ph.D
2	Dr. B.Bindhu	Convenor	Student Affairs	M.Sc. M.Phil. Ph.D

S.No.	Name	Designation	Department	Qualification
3	Dr. R. Dharmaraj	Co-Convenor	Physical Education	MA, M.P.Ed, Ph.D
4	Dr. Ratheesh Palakkuzhyil	Member	Coordinator, Centre for excellence & Students Activities	MBA, Ph.D
5	Dr. Jubi R	Member	Management Studies	MBA, Ph.D
6	Dr. Stanly Jones Retnam B	Member	Aeronautical Engineering	M.E., Ph.D
7	Mr. K. Suresh Babu	Member	First Year Activity Coordinator & Coordinator – Student Welfare	B.Sc., ITI, C. Lib
8	Swasthy S (1121201011)	General Secretary	Aeronautical Engineering	S7 BE Student
9	S. M. Harise (1122621013)	Joint Secretary	B.Sc. Computer Science	S5 B.Sc. Student
10	Lani SJ (1122204013)	Academic Affairs Secretary	Biomedical Engineering	S5 BE Student
11	Krishnendu A	Research Affairs Secretary	Chemistry	Research Scholar
12	Jenani S (1123613002)	Cultural Affairs Secretary	Information Technology	S3 B.Tech. Student
13	Abhinav J (1122215001)	Science and Technical Affairs Secretary	Marine Engineering	S5 BE Student
14	Ashutosh Kumar Jha (1121201005)	Hostel Affairs Secretary (for Boys Hostel)	Aeronautical Engineering	S7 BE Student
15	Lina Nashwa (1123237017)	Hostel Affairs Secretary (for Girls Hostel)	Artificial Intelligence	S3 BE Student
16	Akhil A (1122204002)	Alumni Affairs Secretary	Biomedical Engineering	S5 BE Student
17	Jithu Mon S A (1123507010)	Career and Placement Affairs Secretary	Computer Applications	S3 BE Student
18	DarshanJitendraDo bhade (1121228005)	Chief Editor	Aircraft Maintenance Engineering	S7 BE Student
19	BansadMrunalGrid hari (1121201006)	Sports Secretary	Aeronautical Engineering	S7 BE Student

4. Details of the Programmes conducted :

S.No.	Programme	Date	No. of Participants	Remarks
1	Tech Fest- INNOVISTA 2025	7 th April 2025 (Monday)	>200	Technical projects
2	Annual Sports Meet	8 th April 2025 (Tuesday)	>500	Active participation of students in the sports event
3	Pravaha	9 th April 2025 (Wednesday)	>2000	Cultural performance showcased the diverse talents of our students
4	Inauguration of Gym @ Girls Hostel	14 th May 2025	25	Highly positive response from Girls Hostel Students and is contributing significantly to their holistic development.
5	Coding and Google Developer Club	22 nd May 2025	>20	Python in Artificial Intelligence by Mr. A. Selva Ganesh, Data Analyst at AB Technologies, Chennai, provided students with practical insights into AI applications and enhanced their coding skills.

5. No. of Complaints Received : Nil

6. No. of Complaints Disposed : Nil

7. No. of Complaints Pending : Nil

8. Details of Meetings held

S.No.	Date/ Day / Time	Venue	Out come
1	2 nd Sept 2024	AV Hall	Code of Conduct was discussed. Planning for Onam celebration on 12 th Sept 2024 were discussed. Vibrant Pookkalams to traditional songs and dances were proposed.
2	22 nd October 2024	VC's Conference Hall	Pledge by Student Council members
3	6th March 2025	AV Hall	Tech Fest 2025, Student Council Secretary Ms. Swasthi proposed the plans for conducting the Tech Fest 2025.

9. Other Information (if any)
Weekly Club activities were conducted

Faculty Attended Programme

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
Abinicks Raja G	Experts	23-05-2025	Satyam College Of Engineering And Technology
Abinicks Raja G	FDP	16-06-2025 to 21-06-2025	Narayanaguru College Of Engineering
S.Aneesha	FDP	02-10-2025 to 02-12-2025	NICHE
Dr.R.R.Neela Rajan	FDP	26-05-2025 to 30-05-2025	NICHE
S.Aneesha	FDP	26-05-2025 to 30-05-2025	NICHE
S.Aneesha	FDP	10-02-2025 to 15-02-2025	NICHE

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
Abinicks Raja G	FDP	26-05-2025 to 30-05-2025	NICHE
Dr.V.Antony Vincent	FDP	26-05-2025 to 30-05-2025	NICHE
Dr.V.Antony Vincent	FDP	10-02-2025 to 15-02-2025	NICHE
Dr.B.Stanly Jones Retnam	FDP	16-06-2025 to 21-06-2025	Narayanaguru College of Engineering
Dr.B.Stanly Jones Retnam	FDP	04-11-2024 to 09-11-2024	Hydrabad
Dr.B.Stanly Jones Retnam	FDP	13-12-2024	Nagercoil
Dr.B.Stanly Jones Retnam	FDP	26-05-2025 to 30-05-2025	NICHE
Dr.V.Antony Vincent	Online Course	01-01-2024 to 31-12-2024	Nagercoil
Dr.V.Antony Vincent	Others	09-04-2025 to 10-04-2025	Trivandrum
Dr.V.Antony Vincent	Others	04-04-2025 to 06-04-2025	Trivandrum
Dr.V.Antony Vincent	Others	07-04-2025 to 08-04-2025	Trivandrum
Dr.V.Antony Vincent	Others	08-04-2025 to 09-04-2025	Trivandrum
Dr.V.Antony Vincent	Others	11-04-2025 to 13-04-2025	Trivandrum
S.Aneesha	PDP	25-11-2024	NICHE
Dr.V.Antony Vincent	PDP	15-05-2025	NICHE
Dr.V.Antony Vincent	PDP	07-03-2025	NICHE
Dr.B.Stanly Jones Retnam	PDP	25-11-2024	NICHE
Abinicks Raja G	Resource Person	04-04-2025	Satyam College of Engineering and Technology
Dr.V.Antony Vincent	Resource Person	14-06-2025	Kanyakumari
Dr.B.Stanly	Resource	30-08-2024	Narayanaguru College Of

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
Jones Retnam	Person		Engineering
Dr.B.Stanly Jones Retnam	Resource Person	04-04-2025	Satyam College of Engg
Dr.R.R.Neela Rajan	Seminar	22-04-2025	NICHE
S.Aneesha	Workshop	13-05-2025	CADD CENTRE
Abinicks Raja G	Workshop	19-08-2024	AERO SMART ROOM,NICHE
Dr.R.R.Neela Rajan	Workshop	13-05-2025	CADD Centre, Nagercoil
Dr.V.Antony Vincent	Workshop	13-05-2025	NICHE
Dr.B.Stanly Jones Retnam	Workshop	13-05-2025	Nagercoil
Dr.B.Stanly Jones Retnam	Workshop	09-01-2025 to 10-01-2025	Chennai Trade centre
Rabin R	FDP	16-06-2025 to 20-06-2025	NICHE
Rabin R	FDP	26-05-2025 to 30-05-2025	ONLINE
Rabin R	FDP	20-01-2025 to 25-01-2025	CADPOINT
Rabin R	FDP	03-02-2025 to 08-02-2025	CADPOINT
Rabin R	FDP	26-05-2025 to 31-05-2025	NICHE
Karthikeyan L M	FDP	10-06-2025 to 14-06-2025	NICHE
Karthikeyan L M	FDP	19-05-2025 to 23-05-2025	NICHE
Karthikeyan L M	FDP	28-02-2025 to 06-03-2025	SRM TRP Engg College, Trichy
Karthikeyan L M	FDP	23-09-2024 to 27-09-2024	Madanapalle Institute of Technology & Science
Karthikeyan L M	FDP	26-05-2025 to 30-05-2025	Online
Karthikeyan L M	FDP	26-05-2025 to 31-05-2025	Online
Karthikeyan L M	FDP	26-05-2025 to 31-05-	Online

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
		2025	
W.K.Anitta	FDP	28-07-2025 to 02-08-2025	Online
W.K.Anitta	FDP	26-05-2025 to 31-05-2025	Online Mode
B.V. Subhanandh	FDP	26-05-2025 to 30-05-2025	NICHE
G M Joselin Herbert	FDP	10-06-2024 to 16-06-2024	NICHE
Dr. G M Joselin Herbert	FDP	02-12-2024 to 07-12-2024	AICTE Training and Learning (ATAL) Academy, at Maharaj Vijayaram Gajapathi Raj College of Engineering.
Dr. G M Joselin Herbert	FDP	12-02-2025 to 14-04-2025	IIT Madras, NPTEL – AICTE
Dr. G M Joselin Herbert	FDP	26-05-2025 to 31-05-2025	NICHE
Karthikeyan L M	Online Course	25-02-2025	Online
Dr. G M Joselin Herbert	Online Course	12-02-2025 to 14-04-2025	Indian Institute of Technology, Mandi
Dr. G M Joselin Herbert	Others	27-06-2024	Results in Engineering, Elsevier
Dr. G M Joselin Herbert	Others	26-07-2024	Results in Engineering, Elsevier
Dr. G M Joselin Herbert	Others	29-08-2024	Heliyon, Elsevier
Dr. G M Joselin Herbert	Others	28-09-2024	Results in Engineering, Elsevier
Dr. G M Joselin Herbert	Others	19-10-2024	Heliyon, Elsevier
Dr. G M Joselin Herbert	Others	25-10-2024	Results in Engineering, Elsevier
Dr. G M Joselin Herbert	Others	08-11-2024	Results in Engineering, Elsevier
Dr. G M Joselin Herbert	Others	19-11-2025	Results in Engineering, Elsevier
Dr. G M Joselin	Others	01-12-2024	Results in Engineering,

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
Herbert			Elsevier
Dr. G M Joselin Herbert	Others	01-02-2025	Heliyon, Elsevier
Dr. G M Joselin Herbert	Others	24-03-2025	Journal of Sustainable and Clean Building
Dr. G M Joselin Herbert	Others	31-05-2025	Results in Engineering, Elsevier
Rabin R	PDP	15-05-2025	NICHE
Rabin R	PDP	25-11-2024	NICHE
Rabin R	PDP	02-12-2024	NICHE
Rabin R	PDP	17-12-2024	NICHE
Karthikeyan L M	PDP	20-01-2025 to 24-01-2025	Online
Dr. G M Joselin Herbert	PDP	25-11-2024	NICHE
Dr. G M Joselin Herbert	Seminar	23-04-2025	NICHE
Karthikeyan L M	Workshop	12-11-2024 to 13-11-2024	NICHE
Dr. G M Joselin Herbert	Workshop	10-07-2024 to 12-07-2024	Research and Publication Division, Scholars Gate, Research Training Institute (Registered Under MSME, Govt of India) Tamil Nadu, India.
Dr. G M Joselin Herbert	Workshop	11-11-2024 to 12-11-2024	Patent Information Centre, Tamilnadu State Council for Science and Technology Chennai with NICHE
Benita J	Chairs	03-04-2025 to 04-04-2025	NICHE
D.Sudhakar	FDP	14-05-2024 to 18-05-2024	NICHE
S.Hari Kumar	FDP	19-05-2025 to 23-09-2025	NIICHE
S.Hari Kumar	FDP	04-11-2024 to 09-11-2024	Hyderabad

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
D.Sudhakar	FDP	21-05-2024 to 25-05-2024	NIICHE
D.Sudhakar	FDP	16-12-2024 to 20-12-2024	NICHE
D.Sudhakar	FDP	18-03-2025 to 22-03-2025	NICHE
D.Sudhakar	FDP	19-05-2025 to 23-05-2025	NICHE
D.Sudhakar	FDP	26-05-2025 to 31-05-2025	NICHE
D.Sudhakar	FDP	26-05-2025 to 30-05-2025	NICHE
Benita J	FDP	09-12-2024 to 14-12-2024	Online
Benita J	FDP	19-12-2024 to 30-12-2024	Online
Benita J	FDP	26-05-2025 to 30-05-2025	NICHE
S.Hari Kumar	PDP	02-12-2024	NICHE
S.Hari Kumar	PDP	25-11-2024	NICHE
Benita J	PDP	12-11-2024 to 13-11-2024	NICHE
Benita J	PDP	16-11-2024	NICHE
Benita J	PDP	28-11-2024	NICHE
D.Sudhakar	PDP	02-12-2024	NICHE
D.Sudhakar	PDP	17-12-2024	NICHE
S.Hari Kumar	Workshop	25-11-2024 to 30-11-2024	NICHE
Dr.N.C.J.Packia Lekshmi	Experts	29-11-2024	Kamaraj College, Tuticorin
Dr.N.C.J.Packia Lekshmi	Experts	30-05-2025	Kamaraj College, Tuticorin
Dr.Raja Brindha.J	FDP	26-08-2024 to 30-08-2024	Kongunadu College of Engineering and Technology(Autonomous),Trichy, Tamilnadu
Dr.Raja Brindha.J	FDP	02-09-2024 to 10-09-2024	VOC College, Thoothukudi.
Dr.Raja	FDP	09-09-2024 to 08-10-	Department Of

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
Brindha.J		2024	Microbiology, Sacred Heart College (Autonomous), Tirupattur.
Dr.Raja Brindha.J	FDP	09-12-2024 to 13-12-2024	PG & Research Department of Biochemistry, Sacred Heart College (Autonomous), Tirupattur.
Dr. Shabi Ruskin	FDP	17-03-2025 to 31-03-2025	Online
Dr.Shabi Ruskin	FDP	23-04-2025 to 29-04-2025	NICHE
Dr. Shabi Ruskin	FDP	01-08-2024 to 01-10-2024	Online
Dr. Shabi Ruskin	FDP	17-02-2025 to 22-02-2025	Online
Dr. Shabi Ruskin	FDP	26-05-2025 to 31-05-2025	Online
Dr.N.C.J.Packia Lekshmi	FDP	21-02-2025 to 27-02-2025	Departments of Biotechnology, Microbiology, Biochemistry, and Nutrition & Dietetics, Vivekanandha Arts and Science College for Women, Sankagiri
Dr.N.C.J.Packia Lekshmi	FDP	02-09-2024 to 10-09-2024	Online
Dr. Shabi Ruskin	FDP	29-05-2025 to 31-05-2025	online
Dr.Raja Brindha.J	Online Course	14-10-2024 to 20-10-2024	Department Of Microbiology, Sacred Heart College (Autonomous), Tirupattur.
Dr.Raja Brindha.J	Online Course	16-09-2024 to 30-09-2024	Institute Of Innovation,Tiruvanamalai .

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
Dr.Raja Brindha.J	Online Course	01-09-2024 to 31-12-2024	Swayam
Dr. Shabi Ruskin	Online Course	01-08-2024 to 01-10-2024	NPTEL Online Certification
Dr Shabi Ruskin	Online Course	01-01-2025 to 30-04-2025	Online
Dr.N.C.J.Packia Lekshmi	Online Course	14-10-2024 to 20-10-2024	Online
Dr,N.C.J.Packia Lekshmi	Online Course	16-09-2024 to 30-09-2024	Online
Dr.N.C.J.Packia Lekshmi	Online Course	30-07-2024 to 15-12-2024	Online
Dr.N.C.J.Packia Lekshmi	Others	31-07-2024	Online
Dr.N.C.J.Packia Lekshmi	Others	26-07-2024	online
Dr.N.C.J.Packia Lekshmi	Others	12-09-2024	Online
Dr.N.C.J.Packia Lekshmi	PDP	26-05-2025 to 30-05-2025	Online
Dr.N.C.J.Packia Lekshmi	Resource Person	17-06-2025	Holy Cross College, Nagercoil
Dr.N.C.J.Packia Lekshmi	Resource Person	20-02-2025 to 20-06-2025	Kamaraj College, Tuticorin
Dr.Raja Brindha.J	Seminar	31-07-2024	VPM's MPCOE, Velneshwar
Dr.Raja Brindha J	Seminar	02-08-2024	NICHE
Dr.Raja Brindha.J	Seminar	23-09-2024	VPM's Maharshi Parshuram College of Engineering Velneshwar
Dr. Shabi Ruskin	Seminar	18-01-2025	NIMS Centre For Genomic Medicine, NIMS Medicity, Neyyatinkara, Kerala
Dr. Shabi Ruskin	Seminar	03-01-2025 to 04-01-2025	Rajiv Gandhi Centre for Biotechnology, Tiruvananthapuram
Dr.Shabi Ruskin	Seminar	02-08-2024	NICHE

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Dr.N.C.J.Packia Lekshmi	Seminar	23-09-2024	Online
Ananthan A V	Online Course	01-05-2024 to 30-04-2025	Online
Ananthan A V	Others	16-11-2024 to 17-11-2024	CDC, Thiruvananthapuram
Ananthan A V	Seminar	30-11-2024 to 01-12-2024	Kochi
Peter F	FDP	10-06-2025 to 14-06-2025	NICHE
Dr.A.K.Darwins	FDP	16-12-2024 to 21-12-2024	KIT-KALAIKARNKARUNANI DHI INSTITUTE OF TECHNOLOGY
Dr.A.K.Darwins	FDP	30-12-2024 to 04-01-2025	K. L. N. College of Engineering
Dr.A.K.Darwins	FDP	06-01-2025 to 11-01-2025	GOVERNMENT ENGINEERING COLLEGE PALAMU
Dr.A.K.Darwins	FDP	22-07-2024 to 26-07-2024	St.Joseph college of Engineering
Dr.A.K.Darwins	FDP	16-06-2025 to 21-06-2025	NARAYANAGURU COLLEGE OF ENGINEERING
Dr.A.K.Darwins	FDP	23-06-2025 to 28-06-2025	ST.JOSEPH COLLEGE OF ENGINEERING
Dr.A.K.Darwins	FDP	26-05-2025 to 31-05-2025	NICHE
Dr.A.K.Darwins	FDP	23-09-2024 to 27-09-2024	Jeppiaar Institue of Technology
Peter F	FDP	06-01-2025 to 11-01-2025	Online
Peter F	FDP	10-02-2025 to 15-02-2025	Online
Peter F	FDP	26-05-2025 to 31-05-2025	NICHE
Dr. Lalu Gladson Robin	FDP	13-01-2025 to 18-01-2025	SREE BUDDHA COLLEGE OF ENGINEERING,

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
			PATTOOR
Dr. Lalu Gladson Robin	FDP	09-12-2024 to 14-12-2024	MKSSS'S CUMMINS COLLEGE OF ENGINEERING FOR WOMEN
Dr. Lalu Gladson Robin	FDP	16-12-2024 to 21-12-2024	KIT-KALAIKARNARUNANI DHI INSTITUTE OF TECHNOLOGY
Dr. Lalu Gladson Robin	FDP	26-05-2025 to 30-05-2025	NICHE
Dr. Lalu Gladson Robin	FDP	26-05-2025 to 31-05-2025	NICHE
Dr. Lalu Gladson Robin	FDP	23-09-2024 to 27-09-2024	Jeppiaar Institute of Technology, Sriperumbudur, Chennai.
Dr. Edwin Sahayaraj. M	FDP	16-12-2024 to 21-12-2024	KIT-KALAIKARNARUNANI DHI INSTITUTE OF TECHNOLOGY
Dr. Edwin Sahayaraj. M	FDP	09-12-2024 to 14-12-2024	MKSSS'S CUMMINS COLLEGE OF ENGINEERING FOR WOMEN
Dr. Edwin Sahayaraj. M	FDP	13-01-2025 to 18-01-2025	SREE BUDDHA COLLEGE OF ENGINEERING, PATTOOR
Dr. Edwin Sahayaraj. M	FDP	22-07-2024 to 26-07-2024	St. Joseph College of Engineering, Sriperumbudur, chennai,
Dr. M. Edwin Sahayaraj. M	FDP	26-05-2025 to 30-05-2025	NICHE
Dr. Edwin Sahayaraj. M	FDP	23-09-2024 to 27-09-2024	Jeppiaar Institute of Technology, Sriperumbudur, Chennai
V V Monikandan	FDP	26-05-2025 to 31-05-2025	NICHE
V V	FDP	19-05-2025 to 23-05-	NICHE

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
Monikandan		2025	
S. Robin Divahar	FDP	28-02-2025 to 06-03-2025	SRM TRP Engineering College, Trichy
S. Robin Divahar	FDP	23-09-2024 to 27-09-2024	Jeppiaar Institute of technology, Chennai
S. Robin Divahar	FDP	23-09-2024 to 27-09-2024	Madanapalli Institute of technology and science, Andhra Pradesh
S. Robin Divahar	FDP	02-12-2024 to 06-12-2024	SRM TRP Engineering College, Trichy
S. Robin Divahar	FDP	16-06-2025 to 20-06-2025	RDC Cell, NICHE
S. Robin Divahar	FDP	10-06-2025 to 14-06-2025	RDC Cell
Dr.A.K.Darwins	Online Course	22-01-2025 to 08-03-2025	Online
Dr. Lalu Gladson Robin	Online Course	06-01-2025 to 08-03-2025	SWAYAM
Dr. Lalu Gladson Robin	Online Course	01-03-2025 to 28-04-2025	Future Learn
Dr. Lalu Gladson Robin	Online Course	28-04-2025 to 28-07-2025	Future Learn
Dr. Edwin Sahayaraj. M	Online Course	12-02-2025 to 03-04-2025	swayam portal
Peter F	Others	11-11-2024 to 12-11-2024	NICHE
Dr. Edwin Sahayaraj. M	Others	11-11-2024 to 12-11-2024	NICHE
S. Robin Divahar	Others	25-04-2025 to 26-04-2025	Karunya University, Coimbatore
S. Robin Divahar	Others	11-11-2024 to 12-11-2024	NICHE
Peter F	PDP	21-06-2025	NICHE
Peter F	PDP	25-11-2024	NICHE
Dr. Lalu Gladson Robin	PDP	25-11-2024	NICHE
Dr. Edwin Sahayaraj. M	PDP	25-11-2024	NICHE
V V	PDP	21-06-2025	NICHE

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
Monikandan			
S. Robin Divahar	PDP	25-11-2024	NICHE
S. Robin Divahar	PDP	21-06-2025	NICHE
S. Robin Divahar	Resource Person	15-11-2024	NICHE
V V Monikandan	Seminar	25-04-2025	NICHE
V V Monikandan	Seminar	25-04-2025	NICHE
S. Robin Divahar	Seminar	13-12-2024	Nagercoil
Dr.A.K.Darwins	Workshop	13-05-2025	NICHE
Peter F	Workshop	25-09-2024	NICHE
Dr. Lalu Gladson Robin	Workshop	11-11-2024 to 12-11-2024	NICHE
S. Robin Divahar	Workshop	25-09-2024	NICHE
Dr. S Albert Jerome	Chairs	03-04-2025 to 04-04-2025	NICHE
Lisha Daniel	Experts	24-02-2025	NICHE
Lisha Daniel	Experts	27-11-2024 to 28-11-2024	Rohini College of Engineering and Technology
Lisha Daniel	Experts	07-03-2025	Online
Lisha Daniel	Experts	12-10-2024	Online
Lisha Daniel	Experts	23-04-2025	Online
Dr.I.Sowmy	Experts	03-04-2025 to 04-04-2025	NICHE
Dr. S Albert Jerome	FDP	16-12-2024 to 21-12-2024	KONERU LAKSHMAIAH EDUCATION FOUNDATION (KLH)
Dr. S Albert Jerome	FDP	24-06-2024 to 29-06-2024	St. Xaviers Catholic College of Engineering, Chunkankadi
Suresh Jeya Singh.C	FDP	18-08-2025 to 29-08-2025	on-line mode
Suresh Jeya	FDP	10-02-2025 to 15-02-	NICHE

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
Singh.C		2025	
Lisha Daniel	FDP	30-09-2024 to 05-10-2024	Online
Lisha Daniel	FDP	16-12-2024 to 21-12-2024	SASTRA DEEMED UNIVERSITY
Lisha Daniel	FDP	05-08-2024 to 09-08-2024	Online
Dr. S Albert Jerome	FDP	16-12-2024 to 20-12-2024	NICHE
Dr.I.Sowmy	FDP	26-05-2025 to 30-05-2025	NICHE
Dr.I.Sowmy	FDP	10-02-2025 to 15-02-2025	NICHE
Dr. S Albert Jerome	Others	03-04-2025 to 04-04-2025	NICHE
Lisha Daniel	Others	16-08-2024 to 17-08-2024	Online
Lisha Daniel	Others	20-09-2024 to 21-09-2024	Online
Lisha Daniel	Others	03-10-2024 to 07-10-2024	Department of Biomedical Engineering, National Institute of Technology Raipur
Dr.I.Sowmy	PDP	17-12-2024	NICHE
Dr.I.Sowmy	Resource Person	24-10-2024 to 25-10-2024	NICHE
Lisha Daniel	Seminar	16-09-2024	Department of Biomedical Engineering, Rajalekshmi Engineering College in association with the IEEE EMBS Society and BMEA, as part of MEDAICON 2024: The AI in Healthcare Fest
Dr.T.M.Sharmila	FDP	25-11-2024 to 30-11-2024	Chennai
Dr.T.M.Sharmila	FDP	10-02-2025 to 15-02-2025	New Delhi
Dr.T.M.Sharmila	FDP	11-02-2025 to 15-02-	Maharashtra

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
a		2025	
Dr.T.M.Sharmila	FDP	17-03-2025 to 27-03-2025	Chennai
Dr.T.M.Sharmila	FDP	26-05-2025 to 31-05-2025	NICHE
Dr.D.Arthi	FDP	26-05-2025 to 30-05-2025	NICHE
Dr.D.Arthi	FDP	17-03-2025 to 27-03-2025	Ramapuram, Chennai
Dr.E.H.Edinsha Gladis	FDP	17-03-2025 to 27-03-2025	SRM Institute of Science and Technology, Ramapuram.
Dr.E.H.Edinsha Gladis	FDP	06-01-2025 to 11-01-2025	GOVERNMENT ENGINEERING COLLEGE
Dr.E.H.Edinsha Gladis	FDP	22-01-2025 to 28-01-2025	NAGESH KARAJAGI ORCHID COLLEGE OF ENGINEERING AND TECHNOLOGY, SOLAPUR
Dr.E.H.Edinsha Gladis	FDP	26-05-2025 to 31-05-2025	NICHE
Dr.D.Arthi	FDP	26-05-2025 to 31-05-2025	NICHE
Dr.T.M.Sharmila	Online Course	13-01-2025 to 30-04-2025	Imphal
Dr.E.H.Edinsha Gladis	Online Course	03-05-2025 to 25-05-2025	Indian Institute of Technology Roorkee
Dr.T.M.Sharmila	Others	18-11-2024	New Delhi
Dr.T.M.Sharmila	Others	11-11-2024 to 12-11-2024	kumaracoil
Dr.E.H.Edinsha Gladis	Others	11-02-2025	I.H.P Science College Goregaon (online)
Dr.T.M.Sharmila	Seminar	27-07-2024	odisha
Dr.T.M.Sharmila	Seminar	09-11-2024	Chennai
Dr.T.M.Sharmila	Seminar	11-02-2025	Gondia

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
a			
Dr.T.M.Sharmila	Seminar	12-04-2025	Chennai
Dr.T.M.Sharmila	Seminar	22-04-2025	Madhya Pradesh
Dr.T.M.Sharmila	Seminar	16-05-2025	Madhya Pradesh
Dr.T.M.Sharmila	Workshop	08-03-2025	Coimbatore
Dr.E.H.Edinsha Gladis	Workshop	04-04-2025 to 07-04-2025	Online Conducted by AICTE IKS
Dr.E.H.Edinsha Gladis	Workshop	20-05-2025	Online
Allwin D	Experts	08-05-2025 to 09-05-2025	Springer
Allwin D	Experts	18-04-2025	Bhopal
Allwin D	Experts	18-02-2025	New Delhi
J Divya Johns	FDP	06-05-2025 to 10-05-2025	Swami Keshvanand Institute Of Technology
Thanka Jebarsan V	FDP	16-12-2024 to 20-12-2024	NICHE
Thanka Jebarsan V	FDP	17-02-2025 to 22-02-2025	Online ATAL FDP Conducted by Stella marrys college
N.Alex Dorwina	FDP	20-01-2025 to 11-04-2025	Indian Institute of Technology, Bombay
N. Alex Dorwina	FDP	16-12-2024 to 20-12-2024	NICHE
N. Alex Dorwina	FDP	26-05-2025 to 30-05-2025	NICHE
N. Alex Dorwina	FDP	26-05-2025 to 30-05-2025	SRM Institute of Science and Technology, Chennai
Dr.Roselin.R	FDP	09-06-2025 to 13-06-2025	Online
Dr.Roselin.R	FDP	17-03-2025 to 31-03-2025	Online
Dr.Roselin.R	FDP	16-12-2025 to 20-12-2025	NICHE

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
Dr.Roselin.R	FDP	15-05-2025 to 07-06-2025	Online
Allwin D	FDP	17-02-2025 to 22-02-2025	STELLA MARY'S COLLEGE OF ENGINEERING
Allwin D	FDP	10-02-2025 to 18-02-2025	Shri Venkateshwara University
Allwin D	FDP	17-10-2024	Patent Office, NewDelhi
Allwin D	FDP	09-06-2025 to 13-06-2025	Kongunadu College of Engineering
Allwin D	FDP	25-06-2025 to 29-06-2025	NANDHA Engineering College
Allwin D	FDP	22-04-2025 to 26-04-2025	SANDIP INSTITUTE OF TECHNOLOGY AND RESEARCH CENTRE
S Mathan Kumar	FDP	09-06-2025 to 13-06-2025	KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY
Allwin D	FDP	24-03-2025 to 28-03-2025	St. Joseph University
J Divya Johns	FDP	25-06-2025 to 29-06-2025	Nanda Engineering college
N Ajin	FDP	25-06-2025 to 29-06-2025	Nanda Engineering College
N Ajin	FDP	09-06-2025 to 13-06-2025	KONGUNADU COLLEGE OF ENGINEERING & TECHNOLOGY
N Ajin	FDP	17-03-2025 to 31-03-2025	ONLINE MODE
S Mathan Kumar	FDP	25-06-2025 to 29-06-2025	Nandha Engineering College
Abisha Y	FDP	17-03-2025 to 31-03-2025	Online
Abisha Y	FDP	24-03-2025 to 28-03-2025	St. Joseph University, Nagaland (Online)
Abisha Y	FDP	01-09-2024 to 30-09-2024	Online

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
Dr.Roselin.R	FDP	25-11-2024 to 30-11-2024	NICHE
S Mathan Kumar	FDP	15-05-2025 to 07-06-2025	VISHLESAN I - HUB IIT PATNA
J Divya Johns	Online Course	05-08-2024 to 16-08-2024	Aditya Learning Academy (ALA)
N.Alex Dorwina	Online Course	20-01-2025 to 11-04-2025	Indian Institute of Technology, Bombay
Allwin D	Online Course	02-01-2025 to 30-04-2025	IIT Roorkee (Online)
Allwin D	Online Course	18-01-2025 to 27-04-2025	AICTE, New Delhi (Online)
J Divya Johns	Others	06-12-2024	Presidency University, Bengaluru
J Divya Johns	Others	21-11-2024 to 26-11-2024	Assam University, Schar
Thanka Jebarsan V	Others	06-12-2024	Webinar-Online- Presidency University
Dr.Roselin.R	Others	06-12-2024	Online
Dr.Roselin.R	Others	11-11-2024 to 12-11-2024	NICE
Dr.Roselin.R	PDP	02-12-2024	NICHE
N. Alex Dorwina	Seminar	06-12-2024 to 06-12-2004	School of Engineering, Presidency University, Bengaluru
Dr.J.E Judirh	Chairs	02-04-2025 to 03-04-2025	IT,NICHE
Dr.J.E Judith	Chairs	19-03-2025 to 20-03-2025	Dr.MGR Educational and Research Institute
Dr.J.E Judith	Experts	10-04-2025 to 11-04-2025	RMK College of Engineering and Technology
Dr.J.E Judith	Experts	06-11-2024	St.Xaviers Catholic College of Engineering
Dr.J.E Judith	Experts	18-10-2024	Stella Marys College of Engineering
Dr.J.E Judith	Experts	16-05-2025	Stella Marys College of Engineering
Dr.J.E Judith	Experts	28-10-2024	PSR Engineering College

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
Dr.J.E Judith	Experts	17-03-2025	PSR Engineering College
Dr.Ben Sujitha	Experts	02-04-2025	Kamaraj College
Dr.Ben Sujitha	Experts	25-03-2024 to 03-04-2024	Build with no code using AI
Jothy C R	FDP	01-07-2024 to 31-10-2024	NPTEL
Jothy C R	FDP	16-12-2024 to 21-12-2024	ONLINE
Jothy C R	FDP	13-01-2025 to 18-01-2025	ONLINE
Jothy C R	FDP	25-11-2024 to 30-11-2024	NICHE
Jothy C R	FDP	13-01-2025 to 18-01-2025	ATAL Online
Venifa Mini G	FDP	14-05-2025 to 20-05-2025	SXCCE Chunkankadai
Venifa Mini G	FDP	07-07-2025 to 12-07-2025	Malaviya Mission Teacher Training Centre, IIT(ISM) Dhanbad, Jharkhand
Jelin Taric G	FDP	06-01-2025 to 11-01-2025	STELLA MARY'S COLLEGE OF ENGINEERING
Jelin Taric G	FDP	25-11-2024 to 30-11-2024	NICHE
Venifa Mini G	FDP	25-11-2024 to 30-11-2024	NICHE
Dr.J.E Judith	FDP	16-12-2024 to 20-12-2024	NICHE
Dr.J.E Judith	FDP	16-12-2024 to 21-12-2024	SHRI SITARAMBHAI NARANJI PATEL INSTITUTE OF TECHNOLOGY, MANAGED BY VIDYABHARTI TRUST,UMRAKH - BARDOLI
Dr.J.E Judith	FDP	13-01-2025 to 18-01-2025	SREE BUDDHA COLLEGE OF

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
			ENGINEERING, PATTOOR
Dr.J.E Judith	FDP	03-02-2025 to 08-02-2025	SPHOORTHY ENGINEERING COLLEGE
Dr.J.E Judith	FDP	20-07-2024 to 10-10-2024	Online
Dr.J.E Judith	FDP	26-05-2025 to 30-05-2025	NICHE
Dr.J.E Judith	FDP	26-08-2024 to 30-08-2024	NICHE
Dr. A. Anitha	FDP	16-12-2024 to 21-12-2024	Online
Dr. A. Anitha	FDP	17-03-2025 to 31-03-2025	Online
Dr. A. Anitha	FDP	01-04-2025 to 05-04-2025	Online
Dr. A. Anitha	FDP	20-02-2025 to 20-04-2025	Online
Dr.Nisha Evangelin	FDP	28-08-2024 to 30-08-2024	NICHE
Dr.L.Nisha Evangelin	FDP	16-12-2024 to 20-12-2024	NICHE
Dr.L.Nisha Evangelin	FDP	03-02-2025 to 08-02-2025	MACET
Dr.L.Nisha Evangelin	FDP	26-05-2025 to 30-05-2025	DR.M.G.R Educational and Research Institute
Dr.L.Nisha Evangelin	FDP	26-05-2025 to 30-05-2025	NICHE
Dr.L.Nisha Evangelin	FDP	02-06-2025 to 07-06-2025	SRM Institute of Science and Technology
Dr.L.Nisha Evangelin	FDP	16-06-2025 to 21-06-2025	Panimalar Engineering College
Dr.G.Beni	FDP	11-11-2024 to 15-11-2024	Online
Dr.G.Beni	FDP	02-12-2024 to 14-12-2024	MVJ College of Engineering
Dr.G.Beni	FDP	16-12-2024 to 20-12-2024	NICHE

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
Dr.G.Beni	FDP	14-05-2025 to 20-05-2025	Online
Dr.G.Beni	FDP	26-05-2025 to 30-05-2025	Online
Dr B.Ben Sujitha	FDP	10-02-2025 to 15-02-2025	Online
Dr. B.Ben Sujitha	FDP	16-12-2024 to 21-12-2024	KONERU LAKSHMAIAH EDUCATION FOUNDATION
Dr B. Ben Sujitha	FDP	24-02-2025 to 01-03-2025	online
Dr. B.Ben Sujitha	FDP	16-12-2024 to 20-12-2024	NICHE
Dr Ben Sujitha B	FDP	09-09-2024 to 14-09-2024	St.Xaviers Catholic College of Engineering
Dr. Ben Sujitha B	FDP	25-06-2024 to 29-06-2024	DMI Engineering College
Dr.B.Ben Sujitha	FDP	02-06-2025 to 06-06-2025	NICHE
Dr B.Ben Sujitha	FDP	06-01-2025 to 11-01-2025	Stella Marys college
Dr.Ben Sujitha	FDP	26-05-2025 to 30-05-2025	NICHE
Dr. Ben Sujitha B	FDP	23-04-2025 to 29-04-2025	NICHE
Jothy C R	Online Course	01-07-2024 to 31-10-2024	Online
Venifa Mini G	Online Course	01-07-2024 to 31-10-2024	Online
Dr.J.E Judith	Online Course	20-07-2024 to 10-10-2024	Online
Dr. A.Anitha	Online Course	20-02-2025 to 20-04-2025	Online
Dr.L.Nisha Evangelin	Online Course	02-01-2025 to 27-02-2025	NPTEL
Dr.L.Nisha Evangelin	Others	08-04-2025 to 09-04-2025	NICHE
Dr.L.Nisha Evangelin	Others	28-11-2024 to 29-11-2024	St.Joseph's College of Engineernig,Chennai

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
Dr.L.Nisha Evangelin	Others	02-05-2025	NICHE
Dr.L.Nisha Evangelin	Others	02-05-2025	NICHE
Dr.J.E Judith	Others	06-10-2024	Online
Dr.J.E Judith	Others	14-08-2024	Online
Dr.J.E Judith	Others	15-10-2024	Online
Dr.J.E Judith	Others	17-09-2024	Online
Dr.J.E Judith	Others	27-08-2024	Online
Dr.J.E Judith	Others	04-05-2025	Online
Dr.J.E Judith	Others	04-05-2025	NICHE
Dr.G.BENI	Others	07-03-2025	NICHE
Dr Ben Sujitha B	Others	24-08-2024 to 25-08-2025	online
Jothy C R	PDP	17-12-2024	NICHE
Jothy C R	PDP	24-11-2024	NICHE
Jothy C R	PDP	03-10-2024	NICHE
Jothy C R	PDP	02-12-2024	NICHE
Dr.J.E Judith	PDP	17-12-2024	NICHE
Dr.J.E Judith	PDP	02-12-2024	NICHE
Dr.J.E Judith	PDP	11-11-2024 to 12-11-2024	NICHE
Dr.L.Nisha Evangelin	PDP	16-11-2024	NICHE
Dr.L.Nisha Evangelin	PDP	17-11-2024	NICHE
Dr.G.BENI	PDP	17-12-2024	NICHE
De.L.Nisha Evangelin	Resource Person	17-06-2025	Panimalar Engineering College
Dr.Ben Sujitha	Resource Person	09-09-2024 to 10-09-2024	St.Xaviers
Dr.B.Ben Sujitha	Resource Person	16-11-2024	NICHE
Dr Ben Sujitha	Resource Person	26-05-2025 to 30-05-2025	NICHE
Jothy C R	Seminar	11-11-2024 to 12-11-2024	NICHE
Dr Ben Sujitha B	Seminar	12-04-2025	ITM , Gwalior

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
Jothy C R	Workshop	26-05-2025 to 30-05-2025	NICHE
Dr.J.E Judith	Workshop	25-11-2024 to 30-11-2024	Intel Unnati Lab
Dr.L.Nisha Evangelin	Workshop	25-11-2024 to 30-11-2024	Intel Unnati Lab
Dr.L.Nisha Evangelin	Workshop	11-11-2024 to 12-11-2024	NICHE
Dr.G.BENI	Workshop	25-11-2024 to 30-11-2024	NICHE
Dr Ben Sujitha	Workshop	25-11-2024 to 30-11-2024	NICHE
Dr.B.Ben Sujitha	Workshop	21-04-2025	Toonz Animation India Pvt Ltd , Trivandrum
Dr. Ben Sujitha	Workshop	11-11-2024 to 12-11-2024	NICHE
Dr Ben Sujitha	Others	10-02-2025 to 15-02-2025	Online
Dr Ben Sujitha	Resource Person	24-05-2025	Online
M. Merlin Johnsy	Chairs	07-03-2025	NICHE
Dr.M.Shafeen Nagoor	Chairs	07-03-2025	NICHE
Dr.S. Beulah	Chairs	07-03-2025	NICHE
Dr.J.R.Jeba	Chairs	02-04-2025 to 03-04-2025	NICHE
Dr.J.R.Jeba	Chairs	07-10-2024	St.Xaviers Catholic College of Engineering
Dr.J.R.Jeba	Chairs	07-03-2025	NICHE
Dr.J.R.Jeba	Experts	19-05-2025	St.Xaviers Catholic College of Engineering
Dr.J.R.Jeba	Experts	23-01-2025	Karunya Institute of Technology and sciences
Dr.J.R.Jeba	Experts	11-12-2024	Anna University
Dr.J.R.Jeba	Experts	01-02-2025	St.Xaviers College, Palayamkottai
M. Merlin Johnsy	FDP	25-11-2024 to 30-11-2024	Dept, of CSE, NICHE

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
M. Merlin Johnsy	FDP	24-03-2025 to 28-03-2025	Nagaland
M. Merlin Johnsy	FDP	01-04-2025 to 05-04-2025	Nagaland
M. Merlin Johnsy	FDP	26-05-2025 to 31-05-2025	Online
M. Merlin Johnsy	FDP	26-05-2025 to 30-05-2025	NICHE
M. Merlin Johnsy	FDP	19-05-2025 to 24-05-2025	RMK College of Engineering and Technology, Chennai
Dr.M.Shafeen Nagoor	FDP	19-05-2025 to 23-05-2025	Department of Information Technology
Dr.M.Shafeen Nagoor	FDP	26-05-2025 to 30-05-2025	NICHE
Dr.M.Shafeen Nagoor	FDP	02-06-2025 to 06-06-2025	NICHE
Dr.M.Shafeen Nagoor	FDP	23-09-2024 to 30-09-2024	Chennai
Dr.M.Shafeen Nagoor	FDP	23-09-2024 to 27-09-2024	St Joseph University
Dr.M.Shafeen Nagoor	FDP	18-03-2025 to 22-03-2025	NICHE
Dr.M.Shafeen Nagoor	FDP	03-02-2025 to 08-02-2025	Marthandam College of Engineering and Technology
M. Merlin Johnsy	FDP	02-06-2025 to 06-06-2025	NICHE
Dr.M.Shafeen Nagoor	FDP	28-08-2024 to 30-08-2024	NICHE
Dr.M.Shafeen Nagoor	FDP	16-12-2024 to 20-12-2024	NICHE
Dr.M.Shafeen Nagoor	FDP	16-06-2025 to 21-06-2025	Panimalar Engineering College
Dr.M.Shafeen Nagoor	FDP	18-03-2025 to 22-03-2025	NICHE
Juliet Jemila C	FDP	19-05-2025 to 23-05-2025	virtual mode
Juliet Jemila C	FDP	02-06-2025 to 06-06-	NICHE

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
		2025	
Dr. S. Beulah	FDP	16-12-2024 to 20-12-2024	NICHE
Dr. S. Beulah	FDP	23-09-2024 to 27-09-2024	Dept of CSE and Dept of CIVIL, St. Joseph University, Nagaland
Dr. S. Beulah	FDP	19-05-2025 to 24-05-2025	Department of Electronics and Communication Engineering, R.M.K. College of Engineering and Technology
Dr. S. Beulah	FDP	26-05-2025 to 29-05-2025	NICHE
Dr. S. Beulah	FDP	26-05-2025 to 29-05-2025	NICHE
Dr.J.R.Jeba	FDP	26-05-2025 to 31-05-2025	online
Dr.S. Beulah	FDP	02-06-2025 to 06-06-2025	NICHE
Dr. S. Beulah	FDP	24-03-2025 to 28-03-2025	Online
Dr.J.R.Jeba	FDP	11-11-2024 to 15-11-2024	Online FDP
M. MERLIN JOHNSY	Online Course	10-06-2025	Online
Dr.M.Shafeen Nagoor	Online Course	20-01-2025 to 14-02-2025	NPTEL
Dr.J.R.Jeba	Online Course	01-09-2024 to 14-10-2024	Online
Dr.S. Beulah	Online Course	09-06-2025	Online
M. Merlin Johnsy	Others	20-07-2024	Virtual Mode
M. Merlin Johnsy	Others	17-09-2024	Virtual Mode
M. Merlin Johnsy	Others	07-03-2025	NICHE
Dr.M.Shafeen	Others	20-07-2024	NICHE

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
Nagoor			
Dr.M.Shafeen Nagoor	Others	02-05-2025	NICHE
Dr.M.Shafeen Nagoor	Others	07-03-2025	NICHE
Dr. S. Beulah	Others	17-09-2024	BCBUZZ technologies
Dr. S. Beulah	Others	20-07-2024	Dept of CA, NICHE
Dr. S. Beulah	Others	07-03-2025	NICHE
Dr.S. Beulah	Others	02-05-2025	NICHE
Dr.J.R.Jeba	Others	20-07-2025	online
Dr.J.R.Jeba	Others	07-03-2025	NICHE
Dr.J.R.Jeba	Others	07-03-2025	NICHE
Dr.M.Shafeen Nagoor	PDP	17-12-2024	NICHE Communication Engineering
M. Merlin Johnsy	PDP	02-09-2024 to 12-09-2024	Patrician College of Arts and Science, Chennai
Dr.M.Shafeen Nagoor	PDP	11-05-2024	NICHE
Dr.M.Shafeen Nagoor	PDP	18-05-2024	NICHE
M. Merlin Johnsy	PDP	16-11-2024	NICHE
Dr.M.Shafeen Nagoor	PDP	16-11-2024	NICHE
Dr.M.Shafeen Nagoor	PDP	26-07-2025	NICHE
Juliet Jemila C	PDP	16-11-2024	NICHE
Dr. S. Beulah	PDP	02-09-2024 to 12-09-2024	Dept of Computing Sciences, English and Mathematics, Patrician College of Arts & Science
Dr. S. Beulah	PDP	16-11-2024	Dept of CA, NICHE
Dr.J.R.Jeba	PDP	16-11-2024	NICHE
Dr.J.R.Jeba	PDP	28-11-2024	NICHE
Dr.J.R.Jeba	Resource Person	31-01-2025	Infant Jesus College of Arts and Science for Women
M. Merlin Johnsy	Seminar	01-03-2025	St. Joseph's College of Arts and Science for

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
			Women, Hosur
Dr. S. Beulah	Seminar	01-03-2025	St. Joseph's college of arts and Science for Women
M. Merlin Johnsy	Workshop	03-09-2024	NICHE
M. Merlin Johnsy	Workshop	27-01-2025 to 28-01-2025	NICHE
M. Merlin Johnsy	Workshop	11-11-2024 to 12-11-2024	NICHE
Dr.M.Shafeen Nagoor	Workshop	25-09-2024	NICHE
Dr.M.Shafeen Nagoor	Workshop	25-11-2024 to 30-11-2024	Intel Unnati Lab
Dr.M.Shafeen Nagoor	Workshop	27-01-2025 to 28-01-2025	Department of Computer Applications
Dr.M.Shafeen Nagoor	Workshop	25-11-2024 to 30-11-2024	Intel Unnati Lab
Dr. S. Beulah	Workshop	27-01-2025 to 28-01-2025	NICHE
Dr. S. Beulah	Workshop	03-09-2024	NICHE
Dr.J.R.Jeba	Workshop	27-01-2025 to 28-01-2025	NICHE
H.Vennila	Experts	14-06-2024	Rohini College of Engineering and Technology
Dr.Bindhu V.S	FDP	26-05-2025 to 30-05-2025	NICHE
Dr.Bindhu V.S	FDP	10-02-2025 to 15-02-2025	NICHE
Dr.Bindhu V.S	FDP	06-01-2025 to 11-01-2025	Rohini College of Engineering and Technology
Dr.Bindhu V.S	FDP	16-12-2024 to 20-12-2024	NICHE
Dr.Bindhu V.S	FDP	08-07-2024 to 12-07-2024	NICHE
H.Vennila	FDP	02-12-2024 to 07-12-2024	ST. XAVIER'S CATHOLIC COLLEGE

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
			OF ENGINEERING
H.Vennila	FDP	10-02-2025 to 15-02-2025	NICHE
H.Vennila	FDP	06-01-2025 to 11-01-2025	NICHE
H.Vennila	FDP	26-05-2025 to 30-05-2025	NICHE
H.Vennila	FDP	21-05-2025 to 25-05-2024	NICHE
H.Vennila	FDP	25-06-2024 to 29-06-2024	DMI Engineering College
H.Vennila	FDP	20-01-2025 to 21-04-2025	online
H.Vennila	FDP	02-06-2025 to 06-06-2025	NICHE
H.Vennila	FDP	10-02-2025 to 15-02-2025	NICHE
H.Vennila	FDP	24-03-2025 to 28-03-2025	St.Joseph University
H.Vennila	FDP	26-05-2025 to 30-05-2025	NICHE
S. Anitha Janet Mary	FDP	10-02-2025 to 15-02-2025	Online
Dr.P.Sujatha Therese	FDP	22-07-2025 to 11-10-2025	Online
Dr.P.Sujatha Therese	FDP	10-02-2025 to 15-02-2025	NICHE
Dr.P.Sujatha Therese	FDP	13-01-2025 to 18-01-2025	ST. JOSEPH'S COLLEGE OF ENGINEERING & TECHNOLOGY, PALAI
Dr.P.Sujatha Therese	FDP	22-07-2024 to 11-10-2024	Online (NPTEL-AICTE)
Dr.P.Sujatha Therese	FDP	26-05-2025 to 31-05-2025	NICHE.
Dr.P.Sujatha Therese	FDP	26-05-2025 to 30-05-2025	NICHE
H.Vennila	Online Course	20-01-2025 to 21-04-2025	ONLINE

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
Dr.P.Sujatha Therese	Online Course	20-01-2025 to 11-04-2025	online swayam
Dr.P.Sujatha Therese	Online Course	22-07-2024 to 11-10-2024	Online
H.Vennila	Others	04-06-2025	niche
H.Vennila	Others	02-07-2025 to 09-07-2025	NICHE
H.Vennila	PDP	17-12-2024	NICHE
H.Vennila	PDP	28-11-2024	NICHE
H.Vennila	PDP	02-12-2024	NICHE
H.Vennila	PDP	03-10-2024	NICHE
Dr.P.Sujatha Therese	PDP	02-12-2024	NICHE
Dr.P.Sujatha Therese	PDP	17-12-2024	NICHE
H.Vennila	Workshop	11-11-2024 to 12-11-2024	NICHE
H.Vennila	Workshop	09-09-2024 to 10-09-2024	NICHE
N.Santhi	Chairs	19-12-2024 to 20-12-2024	Hotel DIMORA, THIRUVANANTHAPURAM
N.Santhi	Chairs	24-04-2025 to 25-04-2025	NICHE
Dr K S Vijula grace	Chairs	03-04-2025 to 04-04-2025	NICHE
N.Santhi	Experts	02-05-2025	Thamirabharani Engineering College,Tirunelveli
Dr.M.Mary Synthuja Jain Preetha	Experts	29-07-2024	Arunachala College of Engineering
N.Santhi	Experts	19-11-2024 to 20-11-2024	Thiruvananthapuram
Dr. D Shahi	FDP	16-12-2024 to 20-12-2024	NICHE
Dr. D Shahi	FDP	18-03-2025 to 22-03-2025	Online
Dr D Shahi	FDP	20-01-2025 to 28-02-	Online

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
		2025	
Dr D Shahi	FDP	26-05-2025 to 30-05-2025	NICHE
N.Santhi	FDP	03-02-2025 to 07-02-2025	JP College of Engineering,Tenkasi
Dr.M.Mary Synthuja Jain Preetha	FDP	01-07-2024 to 30-09-2024	Online
N.Santhi	FDP	26-05-2025 to 30-05-2025	NICHE
N.Santhi	FDP	30-06-2025 to 10-07-2025	eict - IIT Roorkey
Dr.M.Mary Synthuja Jain Preetha	FDP	26-05-2025 to 30-05-2025	NICHE
Dr.M.Mary Synthuja Jain Preetha	FDP	10-02-2025 to 15-02-2025	Online
Arockia Selva Saroja G	FDP	17-09-2024 to 23-09-2024	online
Dr. S Amala Shanthy	FDP	16-12-2024 to 21-12-2024	KLH University
Dr. S. Amala Shanthy	FDP	10-03-2025 to 16-03-2025	JP college of Arts and Science
Dr k.S Vijula Grace	FDP	23-09-2024 to 29-09-2024	Eshwari Engineering College,Chennai
Dr K S Vijula Grace	FDP	17-09-2024 to 23-09-2024	ChaitanyaBharathiInstitue of Technology,Hyderabad
Dr K S Vijula grace	FDP	10-02-2025 to 15-02-2025	NICHE
Dr K S Vijula Grace	FDP	01-04-2025 to 05-04-2025	St.Joseph University
Dr K S Vijula Grace	FDP	02-06-2025 to 06-06-2025	NICHE
Dr K S Vijula Grace	FDP	26-05-2025 to 30-05-2025	NICHE
Dr.S Amala Shanthy	FDP	26-05-2025 to 30-05-2025	NICHE

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
Dr . S Amala Shanthi	FDP	01-04-2025 to 05-04-2025	St. Joseph University, Nagaland
Dr R S Vinod Kumar	FDP	16-12-2024 to 20-12-2024	NICHE
Dr R S Vinod Kumar	FDP	20-01-2025 to 28-02-2025	Online
Dr R S Vinod Kumar	FDP	26-05-2025 to 30-05-2025	NICHE
Dr D Shahi	Online Course	20-01-2025 to 28-02-2025	Online
N.Santhi	Online Course	01-08-2024 to 31-10-2024	NPTEL SWAYAM online
N.Santhi	Online Course	01-01-2025 to 30-04-2025	NPTEL SWAYAM online
Dr.M.Mary Synthuja Jain Preetha	Online Course	14-06-2024	Online
Dr.M.Mary Synthuja Jain Preetha	Online Course	01-07-2024 to 30-09-2024	Online
Dr K S Vijula Grace	Online Course	10-06-2025 to 13-06-2025	Udemy
Dr K S Vijula Grace	Online Course	12-07-2024 to 30-10-2024	NPTEL
Dr K S Vijula grace	Online Course	01-07-2024 to 30-10-2024	NPTEL
Dr R S Vinod Kumar	Online Course	20-01-2025 to 28-02-2025	Online
N.Santhi	Others	30-11-2024	NICHE
N.Santhi	Others	01-05-2025	online
Dr D Shahi	PDP	03-10-2024	NICHE
Dr D Shahi	PDP	17-12-2024	NICHE
N.Santhi	PDP	03-05-2025	NICHE
N.Santhi	PDP	07-03-2025	NICHE
N.Santhi	PDP	02-12-2024	NICHE
N.Santhi	PDP	28-11-2024	NICHE
N.Santhi	PDP	17-12-2024	NICHE
Dr.M.Mary Synthuja Jain	PDP	28-11-2024	NICHE

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
Preetha			
Dr.M.Mary Synthuja Jain Preetha	PDP	17-12-2024	NICHE
Dr.M.Mary Synthuja Jain Preetha	PDP	03-10-2024	NICHE
Dr K S Vijula Grace	PDP	17-12-2024	NICHE
Dr K S Vijula Grace	PDP	02-12-2024	NICHE
Dr K S Vijula Grace	PDP	07-03-2025	NICHE
Dr K S Vijula Grace	PDP	03-10-2024	NICHE
Dr R S Vinod Kumar	PDP	26-05-2025 to 31-05-2025	Online
Dr R S Vinod Kumar	PDP	28-11-2024	IT Smart Classroom
Dr R S Vinod Kumar	PDP	03-10-2024	NICHE
Dr R S Vinod Kumar	PDP	17-12-2024	NICHE
Dr K S Vijula Grace	Seminar	20-07-2024	NICHE
Dr. D Shahi	Workshop	25-11-2024 to 29-11-2024	NICHE
Dr D Shahi	Workshop	09-09-2024 to 10-09-2024	NICHE
N.Santhi	Workshop	25-09-2024	NICHE
N.Santhi	Workshop	09-09-2024 to 10-09-2024	NICHE
N.Santhi	Workshop	25-11-2024 to 30-11-2024	Intel Unnati & CSE Lab
N.Ramasamy	Workshop	25-11-2024 to 30-11-2024	NICHE
Dr.M.Mary Synthuja Jain Preetha	Workshop	09-09-2024 to 10-09-2024	NICHE

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
Dr K S Vijula Grace	Workshop	09-09-2024 to 10-09-2024	NICHE
Dr R S Vinod Kumar	Workshop	25-11-2024 to 29-11-2024	NICHE
Dr R S Vinod Kumar	Workshop	20-03-2025	NICHE
Dr R S Vinod Kumar	Workshop	09-09-2024 to 10-09-2024	NICHE
Dr. S. Felix Stephen	FDP	26-05-2025 to 30-05-2025	NICHE
Dr. R Sarath	FDP	16-06-2025 to 20-06-2025	NICHE
Dr. R Sarath	FDP	26-05-2025 to 30-05-2025	NICHE
Dr. R Sarath	FDP	06-01-2025 to 11-01-2025	Stella Mary's College of Engineering, Aruthenganvilai.
Dr. R. David Raja Bose	Chairs	18-03-2025	M.M. Vidhyashram Senior Secondary School, Virudhunagar
Dr.P.Deepa	FDP	09-10-2024 to 15-10-2024	GOKUL GLOBAL UNIVERSITY- GUJARAT
Dr.P.Deepa	FDP	09-06-2025 to 14-06-2025	MEERUT
Dr. P.S.Lekshmi	FDP	28-04-2025 to 03-05-2025	Online
Dr.P.S.Lekshmi	FDP	26-05-2025 to 30-05-2025	Online
Dr. P.S.Lekshmi	FDP	09-06-2025 to 14-06-2025	online
Dr. R. David Raja Bose	FDP	21-03-2025 to 28-03-2025	Online
Jinu Sam S J	FDP	28-08-2024 to 30-08-2024	NICHE
Ajin Monish A	FDP	19-08-2024 to 25-08-2024	ONLINE
Jinu Sam S J	FDP	26-05-2025 to 30-05-2025	NICHE
Jinu Sam S J	FDP	26-05-2025 to 30-05-2025	NICHE

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
		2025	
Ajin Monish A	FDP	26-05-2025 to 30-05-2025	NICHE
Dr.P.S.Lekshmi	Others	27-06-2025	online
Dr. P.S. Lekshmi	Others	25-06-2025	Online
Dr.P.S.Lekshmi	Others	22-06-2025	Online
Dr. R. David Raja Bose	Others	21-02-2025	St. Alphonsa College of Arts and Science, Karinkal
Ajin Monish A	Others	31-07-2025	ONLINE
Ajin Monish A	Others	22-05-2025 to 23-05-2025	DEPARTMENT OF MFT,NICHE
Jinu Sam S J	Others	13-08-2024	Online
Jinu Sam S J	Others	02-09-2024	SHHFI & SRICASW, India
Dr. R. David Raja Bose	Resource Person	12-09-2024	Pon Jesley College of Engineering, Kaliaucaud
Dr. R. David Raja Bose	Resource Person	18-10-2024	Mar Ephraem College of Engineering, Elavuvilai
Dr.P.Deepa	Seminar	05-11-2025	AGASTEESWARAM
Dr. P.S.Lekshmi	Seminar	22-05-2025 to 23-05-2025	NICHE,
Ajin Monish A	Seminar	09-06-2025	ONLINE
Jinu Sam S J	Seminar	05-11-2024	Department of English, Vivekananda College, Agasteeswaram, Kanniyakumari, Tamil Nadu, India
Dr.P.Deepa	Workshop	25-11-2024 to 30-11-2025	INTEL UNNATI LAB
Dr. P. Deepa	Workshop	25-09-2024	NICHE
Ajin Monish A	Workshop	20-06-2024	ONLINE
Dr. V. P. Velmurugan	Experts	08-04-2025 to 09-04-2025	Department of Managment Studies, St Xavier's College of Engineering Nagercoil
Dr. V. P. Velmurugan	Experts	30-05-2025	Department of Mangement Studies,

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
			Stella Mary's College of Engineering Nagercoil
Dr. V. P. Velmurugan	Experts	05-05-2025	Rohini College of Engineering and technology- Kanyakumari
Agnes Pravina X	FDP	16-10-2024 to 26-10-2024	Uuduaan Educational Services
Dr.R.Kavitha Rani	FDP	06-03-2025 to 12-03-2025	Bijapur/Vijayapur, Karnataka
Dr.kishore js	FDP	19-09-2024 to 28-09-2024	online
Dr.Kishore JS	FDP	23-04-2025 to 29-04-2025	NICHE FMS
Agnes Pravina X	FDP	06-01-2025 to 11-01-2025	StellaMary's College of Engineering
Agnes Pravina X	FDP	24-07-2024 to 31-07-2024	The IQAC of Vasireddy Venkatadri Institute of Technology, Guntur, Andhra Pradesh and The IQAC of Siddaganga Institute Of Technology, Tumkur,
Joshy Mathew K	FDP	23-04-2025 to 29-04-2025	Online
Joshy Mathew K	FDP	03-03-2025 to 07-03-2025	Online
Dr. Prasida Sunanda	FDP	16-11-2024	NICHE
Dr. Prasida Sunanda	FDP	23-04-2025 to 29-04-2025	NICHE
Dr. Prasida Sunanda	FDP	16-06-2025 to 20-06-2025	NICHE
Dr. P. Lija	FDP	23-04-2025 to 29-04-2025	NICHE
Dr. P. Lija	FDP	20-05-2024 to 25-05-2024	NICHE
Dr. P. Lija	FDP	07-05-2024 to 11-05-2024	NICHE
Dr. P. Lija	FDP	26-03-2025 to 02-04-	Hindusthan College

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
		2025	College of Arts & Science Coimbatore
Jenusha Ananthu Y	FDP	06-01-2025 to 11-01-2025	Stella Marys College of Engineering
Dr Deekshith D	FDP	19-09-2024 to 28-09-2024	Online
Jenusha Ananthu Y	FDP	23-04-2025 to 29-04-2025	Faculty of Management Studies, NICHE
Dr.R.Kavitha Rani	FDP	23-04-2025 to 29-04-2025	Kumaracoil
Dr.R.Kavitha Rani	FDP	10-06-2025 to 14-05-2025	Board of Research, Development and Consultancy, NICHE,Kumaracoil
Dr.R.Kavitha Rani	FDP	16-06-2025 to 20-06-2025	Board of Research, Development and consultancy ,NICHE, Kumaracoil
Dr. V. P. Velmurugan	FDP	17-03-2025 to 29-03-2025	Malaviya Mission Teacher Training Centre, Shree Ram College of Commerce, University of Delhi
Dr. R . Radhika	FDP	19-05-2025 to 23-05-2025	NICHE
Dr. R . Radhika	FDP	23-04-2025 to 29-04-2025	NICHE
Dr. V. P. VELMURUGAN	FDP	23-04-2025 to 29-04-2025	NICHE
Dr. K,A. Janardhanan	FDP	23-04-2025 to 29-04-2025	NICHE
Kinslin D	FDP	24-04-2025 to 29-04-2025	NICHE
Dr Jubi R	FDP	24-01-2025 to 26-01-2025	St Gregorios College,Kollam,Kerala
Dr Jubi R	FDP	01-07-2025 to 06-07-2025	BISHOP JERONE INSTITUTE OF MANAGEMENT ,KOLLAM

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
Dr Jubi R	FDP	16-06-2025 to 20-06-2025	NICHE
DR Jubi R	FDP	10-06-2025 to 14-06-2025	NICHE
Dr Jubi R	FDP	23-04-2025 to 29-04-2025	NICHE
Dr Jubi R	FDP	17-12-2024 to 21-12-2024	ISRT,CHENNAI
Agnes Pravina X	Online Course	17-03-2025 to 29-03-2025	12-Day's Online Refresher Course
Dr.Prasida Sunanda	Online Course	17-03-2025 to 21-03-2025	Don Bosco college of Arts and Science
Dr.Prasida Sunanda	Online Course	21-07-2025 to 28-07-2025	Department of Commerce (CA) Sri S. Ramasamy Naidu Memorial College, Sattur
Dr. S Fenin Samuel	Online Course	17-03-2025 to 29-03-2025	Online
Jenusha Ananthi Y	Online Course	17-03-2025 to 29-03-2025	Malaviya Mission Teacher Training Centre, Shri Ram College of Commerce (MMTTC, SRCC) in online mode
Dr.R.Kavitha Rani	Online Course	17-03-2025 to 29-03-2025	NEWDelhi
Dr. R . Radhika	Online Course	17-03-2025 to 29-03-2025	ONLINE
Dr. R . Radhika	Online Course	01-08-2024 to 30-10-2024	ONLINE
Dr Jubi R	Online Course	22-01-2025 to 18-04-2025	NPTEL
Dr Jubi R	Online Course	26-12-2024 to 08-01-2025	TURNIP
Dr Jubi R	Online Course	17-03-2025 to 29-03-2025	MMTTC & SRCC DELHI
Dr.Kishore js	Others	17-03-2025 to 29-03-2025	ONLINE
Dr. V. P.	Others	08-04-2025 to 09-04-	St. Xavier's Catholic

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
Velmurugan		2025	College of Engineering, Chunkankatai, Nagercoil, Kanyakumari District Tamil Nadu
Dr. V. P. Velmurugan	Others	23-05-2025	Faculty of Managment Studies
Dr. V. P. Velmurugan	Others	23-05-2025	Faculty of Managment Studies
Dr. V. P. Velmurugan	Others	23-05-2025	Faculty of Management Studies
Dr. R. Radhika	Others	02-04-2025 to 03-04-2025	NICHE
Dr. R. Radhika	Others	02-04-2025 to 03-04-2025	NICHE
Dr. R. Radhika	Others	02-04-2025 to 03-04-2025	NICHE
Dr. R. Radhika	Others	02-04-2025 to 03-04-2025	NICHE
Dr. R. Radhika	Others	23-05-2025	NICHE
Dr. R. Radhika	Others	23-05-2025	NICHE
Dr. R. Radhika	Others	23-05-2025	NICHE
Dr. R. Radhika	Others	23-05-2025	NICHE
Dr. R. Radhika	Others	23-05-2025	NICHE
Dr. R. Radhika	Others	15-04-2025	NICHE
Dr. R. Radhika	Others	15-04-2025	NICHE
Dr. R. Radhika	Others	15-04-2025	NICHE
Dr. R. Radhika	Others	02-04-2025 to 03-04-2025	NICHE
Dr. R. Radhika	Others	02-04-2025 to 03-04-2025	NICHE
Dr. Jubi R	Others	21-06-2025	SIDVI FOUNDATION ,AP
Joshy Mathew K	PDP	21-06-2025	Offline, BRDC
Joshy Mathew K	PDP	26-07-2025	NICHE
Dr. S Fenin Samuel	PDP	16-11-2024	NICHE
Jenusha	PDP	16-11-2024	NICHE

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
ananthy Y			
Dr.R.Kavitha Rani	PDP	16-11-2024	NICHE
Dr.R.Radhika	PDP	16-11-2024	NICHE
Dr Jubi R	PDP	26-07-2025	NICHE
Dr. Kishore JS	Resource Person	09-05-2025 to 10-05-2025	Saradha krishna Medical College
Dr. Kishore JS	Resource Person	30-05-2025	Arunachala arts and Science womens college
Dr. V. P. Velmurugan	Resource Person	29-04-2025	Audio Visual Hall
Dr. Kinslin D	Resource Person	04-01-2025	Geetha Jeevan Arts and Science College, Thoothukudi
Dr Jubi R	Resource Person	29-04-2025	Sree Budha College of Engineering ,Alappuzha
Dr Jubi R	Resource Person	14-07-2025 to 18-07-2025	BISHOP JEROME INSTITUTE OF ENGINEERING ,KOLLAM
Dr Jubi R	Resource Person	08-08-2025 to 09-08-2025	ST THOMAS COLLEGE,CHENGANNUR
Dr Jubi R	Resource Person	25-06-2025	MALAYALA MANORAM & NICHE
Dr. V. P. Velmurugan	Seminar	12-12-2024 to 13-12-2024	Karnataka College of Management and science, Bangalore, Karnataka
DR Jubi R	Seminar	20-02-2025 to 21-02-2025	HAPPY VALLEY BUSINESS SCHOOL, COIMBATORE
Dr Kishore JS	Workshop	22-06-2024 to 24-06-2024	ONLINE
Joshy Mathew K	Workshop	02-07-2025 to 08-07-2025	Online
Dr.R.Kavitha Rani	Workshop	26-02-2025 to 27-02-2025	Hi Learn EduTech Institute, Bijapur/Vijayapur,Karnata

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
			ka
Dr.V.Mago Stalany	FDP	24-06-2025 to 30-06-2025	SXCCE
Dr.V.Mago Stalany	FDP	28-07-2025 to 02-08-2025	CBIT
Aniver Chanth R	FDP	25-11-2024 to 30-11-2024	NICHE
Aniver Chanth R	FDP	26-05-2025 to 30-05-2025	NICHE
Aniver Chanth R	FDP	05-08-2024 to 09-08-2024	ONLINE
Aniver Chanth R	FDP	18-03-2025 to 22-03-2025	PET ENGINEERING COLLEGE(ONLINE)
Aniver Chanth R	FDP	14-10-2024 to 18-10-2024	JOSEPH UNIVERSITY (ONLINE)
Mago Stalany V	FDP	14-10-2024 to 18-10-2024	St JOSEPH UNIVERSITY
Sherlin Paul P S	FDP	10-02-2025 to 15-02-2025	NICHE
Sherlin Paul P S	FDP	18-03-2025 to 22-03-2025	PET engineering College
Sherlin Paul P S	FDP	14-10-2024 to 18-10-2024	ST.Joseph university
Sherlin Paul P S	FDP	05-08-2024 to 09-08-2024	Sri Venkateshwara college
Sherlin Paul P S	FDP	03-07-2024 to 10-07-2024	SRM Institute of Science and Technology
Aniver Chanth R	FDP	08-09-2025 to 13-09-2025	AMRAVATI
Sherlin Paul P S	Online Course	16-11-2024 to 16-04-2025	online
Dr.V.Mago Stalany	Others	24-03-2025 to 26-03-2025	NICHE
Sherlin Paul P S	Others	08-11-2024	Arunachala Hi Tech Engg.
Sherlin Paul P S	Others	18-09-2024	online
Sherlin Paul P S	Others	29-08-2024	M T W University Kodaikanal

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
Sherlin Paul P S	Others	25-09-2024	Coimbatore
Dr.V.Mago Stalany	PDP	26-05-2025 to 30-05-2025	NICHE
Sherlin Paul P S	PDP	25-11-2024	NICHE
Dr.V.Mago Stalany	Workshop	15-10-2024	NICHE
Sherlin Paul P S	Workshop	15-10-2024	NICHE
M.B.Jayalekshmi	Chairs	08-08-2024 to 09-08-2024	Baselios Mathews II College of Engineering
M.B.Jayalekshmi	Chairs	02-05-2025	NICHE
T V Sindia	Chairs	24-04-2025 to 25-04-2025	NICHE
T V Sindia	Chairs	02-05-2025	NICHE
Dr.Y.Jeyasheela	Chairs	02-05-2025	NICHE
Dr.Y.Jeyasheela	Chairs	08-08-2024 to 09-08-2024	Baselios Mathews II College of Engineering,Online mode
T.Brindha	Chairs	02-05-2025	NICHE
S Maria Celestin Vigila	Chairs	24-04-2025 to 25-04-2025	NICHE
S Maria Celestin Vigila	Chairs	02-05-2025	NICHE
V. Mary Amala Bai	Chairs	02-05-2025	NICHE
V. Mary Amala Bai	Chairs	24-04-2025 to 25-04-2025	NICHE
R.Mathusoothana S. Kumar	Chairs	03-04-2025 to 04-04-2025	NICHE
R.Mathusoothana S. Kumar	Experts	11-01-2025	Networkz Systems, Nagercoil
M.B.Jayalekshmi	FDP	19-05-2025 to 23-05-2025	NICHE
T V Sindia	FDP	19-05-2025 to 23-05-2025	NICHE

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
T V Sindia	FDP	16-12-2025 to 20-12-2025	NICHE
T V Sindia	FDP	20-01-2025 to 30-04-2025	NICHE
M B Jayalekshmi	FDP	28-08-2025 to 30-08-2025	NICHE
M.B.Jayalekshmi	FDP	20-01-2025 to 30-04-2025	Online
Dr.K.Siva Sankar	FDP	19-05-2025 to 23-05-2025	NICHE
Dr.Y.Jeyasheela	FDP	16-12-2024 to 20-12-2024	NICHE
Dr.Y.Jeyasheela	FDP	25-11-2024 to 30-11-2024	NICHE
Dr.Y.Jeyasheela	FDP	19-05-2025 to 23-05-2025	NICHE
Dr.Y.Jeyasheela	FDP	28-08-2024 to 30-08-2024	NICHE
Dr.Y.Jeyasheela	FDP	20-01-2025 to 16-04-2025	NPTEL-AICTE,Online
Dr.T.Brindha	FDP	05-08-2024 to 09-08-2024	Sri Venkateswara College of Engineering
Dr. T. Brindha	FDP	05-08-2024 to 10-08-2024	Dhaanish Ahmed College of Engineering, Chennai
Dr. T. Brindha	FDP	16-12-2024 to 20-12-2024	NICHE
Dr. T. Brindha	FDP	17-03-2025 to 31-03-2025	NICHE
Dr. T. Brindha	FDP	20-01-2025 to 11-04-2025	Online
Dr.T.Brindha	FDP	19-05-2025 to 23-05-2025	NICHE
S Maria Celestin Vigila	FDP	19-08-2024 to 11-10-2024	NPTEL -Online
S Maria Celestin Vigila	FDP	27-08-2024 to 31-08-2024	online
S Maria Celestin Vigila	FDP	19-05-2025 to 23-05-2025	Online
S Maria	FDP	26-05-2025 to 31-05-	Online

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
Celestin Vigila		2025	
V. Mary Amala Bai	FDP	19-05-2025 to 23-05-2025	NICHE
V. Mary Amala Bai	FDP	24-05-2024 to 29-06-2024	St. Xavier's Catholic College of Engineering, Chunkankadai
V. Mary Amala Bai	FDP	28-04-2024 to 03-05-2025	College of Engineering, Perumon
R.Mathusoothana S. Kumar	FDP	19-05-2025 to 23-05-2025	NICHE
R.Mathusoothana S. Kumar	FDP	23-04-2025 to 29-04-2025	NICHE
M.B.Jayalekshmi	Online Course	20-01-2025 to 30-04-2025	IIT Chennai
T V Sindia	Online Course	20-01-2025 to 30-12-2025	NICHE
Dr.Y.Jeyasheela	Online Course	20-01-2025 to 16-04-2025	NPTEL-AICTE,Online
Dr.T.Brindha	Online Course	12-01-2025 to 11-04-2025	NICHE
S Maria Celestin Vigila	Online Course	19-08-2024 to 11-10-2024	NPTEL – Online
R.Mathusoothana S. Kumar	Online Course	01-07-2024 to 31-10-2024	online
R.Mathusoothana S. Kumar	Others	03-04-2025 to 04-04-2025	ECE Department
R.Mathusoothana S. Kumar	Others	02-04-2025 to 03-04-2025	IT Department
R.Mathusoothana S. Kumar	Others	02-04-2025 to 03-04-2025	NICHE
R.Mathusoothana S. Kumar	Others	04-06-2025	NICHE
R.Mathusoothana S. Kumar	Others	25-10-2024	NICHE
M.B.Jayalekshmi	PDP	02-12-2024	NICHE
M.B.Jayalekshmi	PDP	28-11-2024	NICHE
T V Sindia	PDP	28-11-2024	NICHE

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
T V Sindia	PDP	02-12-2024	NICHE
T V Sindia	PDP	07-03-2025	NICHE
M B Jayalekshmi	PDP	07-03-2025	NICHE
Dr.Y.Jeyasheela	PDP	17-12-2024	NICHE
Dr.Y.Jeyasheela	PDP	07-03-2025	NICHE
Dr.Y.Jeyasheela	PDP	02-12-2025	NICHE
Dr.Y.Jeyasheela	PDP	28-11-2024	NICHE
Dr.T.Brindha	PDP	02-12-2024	NICHE
Dr.T.Brindha	PDP	17-12-2024	NICHE
Dr.T.Brindha	PDP	28-11-2024	NICHE
S Maria Celestin Vigila	PDP	28-11-2024	NICHE
S Maria Celestin Vigila	PDP	17-12-2024	NICHE
S Maria Celestin Vigila	PDP	07-03-2025	NICHE
V. Mary Amala Bai	PDP	28-11-2024	NICHE
V. Mary Amala Bai	PDP	07-03-2025	NICHE
R.Mathusoothana S. Kumar	PDP	02-12-2024	NICHE
R.Mathusoothana S. Kumar	PDP	17-12-2024	NICHE
R.Mathusoothana S. Kumar	PDP	28-11-2024	NICHE
R.Mathusoothana S. Kumar	PDP	07-03-2025	NICHE
M.B.Jayalekshmi	Workshop	25-11-2024 to 30-11-2024	NICHE
M.B.Jayalekshmi	Workshop	25-09-2024	NICHE
T V Sindia	Workshop	25-11-2024 to 30-11-2024	NICHE

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
T V Sindia	Workshop	25-09-2024	NICHE
T V Sindia	Workshop	14-03-2025	NICHE
Dr.K.Siva Sankar	Workshop	14-03-2025	NICHE
Dr.T.Brindha	Workshop	25-11-2024 to 30-11-2024	Intel Unnati lab
Dr.T.Brindha	Workshop	22-06-2024 to 26-06-2024	Online
Dr.Y.Jeyasheela	Workshop	14-03-2025	NICHE
Dr.Y.Jeyasheela	Workshop	25-09-2024	NICHE
Dr.T.Brindha	Workshop	25-09-2024	NICHE
Dr.T.Brindha	Workshop	14-03-2025	NICHE
S Maria Celestin Vigila	Workshop	25-09-2024	NICHE
S Maria Celestin Vigila	Workshop	14-03-2025	NICHE
V. Mary Amala Bai	Workshop	25-09-2024	NICHE
V. Mary Amala Bai	Workshop	25-11-2024 to 30-11-2024	Intel Unnati Lab
V. Mary Amala Bai	Workshop	14-03-2025	NICHE
R.Mathusoothana S. Kumar	Workshop	14-03-2025	NICHE
Dr.G.Ramadas	FDP	26-05-2025 to 31-05-2025	NICHE
Dr.G.Ramadas	Workshop	01-03-2025	NVKSD College of Education, Attoor
Dr.G.Ramadas	Workshop	23-07-2024	St.Xavier,s College (Autonomous), Palayamkottai
Dr.G.Ramadas	Workshop	12-11-2024 to 13-11-2024	NICHE
Dr.G.Ramadas	Workshop	17-04-2025	NVKSD College of Education (Autonomous) Attoor
Dr.G.Ramadas	Seminar	29-03-2025	St.Johns College of Arts

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
			and Science, Ammandivilai
Dr.G.Ramadas	Seminar	11-11-2024	NICHE
Dr. V. K. Jebasingh	Chairs	05-03-2025 to 07-03-2025	AMET University, Chennai
Muniasamy M	FDP	25-06-2025 to 29-06-2025	Recent Trends in Materials Technology
Mr. Muniasamy M	FDP	16-06-2025 to 20-06-2025	NICHE
Muniasamy M	FDP	06-05-2025 to 10-05-2025	Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.
Mr. Muniasamy M	FDP	05-10-2024 to 10-10-2024	Dhaanish Ahmed College of Engineering, Chennai.
Dr. A. Ramesh	FDP	16-12-2024 to 20-12-2024	PSN College of Engineering and Technology
Dr. A. Ramesh	FDP	14-07-2025 to 18-07-2025	ASHOKA Womens Engineering College
Dr. V. K. Jebasingh	FDP	11-11-2024 to 15-11-2024	Online FDP - Chennai
Dr. V. K. Jebasingh	FDP	23-06-2025 to 27-06-2025	Online FDP- Chennai
Dr. V. K. Jebasingh	FDP	25-06-2025 to 29-06-2025	Organized by Department of Mechanical Engineering, Nanda Engineering College
Dr. V. K. Jebasingh	FDP	06-05-2025 to 10-05-2025	Department of Mechanical Engineering, Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur
Dr. V. K. Jebasingh	FDP	16-12-2024 to 20-12-2024	Department of Marine Engineering, PSN College of Engineering and Technology,

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
			Tirunelveli
Dr. V. K. Jebasingh	FDP	24-03-2025 to 28-03-2025	Department of Computer Science and Civil Engineering
Dr. V. K. Jebasingh	FDP	09-06-2025 to 13-06-2025	Department of Civil Engineering, Kongunadu College of Engineering and Technology, Tiruchirappalli
Dr. V. K. Jebasingh	FDP	26-05-2025 to 30-05-2025	Faculty of Aeronautical and Space Technology, Noorul Islam Centre for Higher Education
Dr. V. K. Jebasingh	FDP	15-05-2025 to 07-06-2025	IIT Patna
Dr. K.S. Jai Aultrin	FDP	23-09-2024 to 27-09-2024	Online - Jeppiaar Institute of Technology, Sriperumbudur, Chennai.
Dr. K.S. Jai Aultrin	FDP	01-08-2024 to 31-10-2024	Online
Dr. K.S. Jai Aultrin	FDP	03-02-2025 to 07-02-2025	Online -
Dr. K.S. Jai Aultrin	FDP	11-02-2025 to 15-02-2025	Online - Nirmala Memorial Foundation College of Commerce and Science, Maharashtra
Dr. K.S. Jai Aultrin	FDP	02-12-2024 to 06-12-2024	Online - SRM TRP Engineering College, Tiruchirappalli
Dr. K.S. Jai Aultrin	FDP	26-05-2025 to 30-05-2025	Online - Aeronautical and Space Technology, Noorul Islam Centre for Higher Education
Dr. K.S. Jai Aultrin	FDP	26-05-2025 to 30-05-2025	NICHE
Dr. S. John Leon	FDP	16-12-2024 to 20-12-2024	PSN College of Engineering and Technology

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
Dr. V. K. Jebasingh	Online Course	21-11-2024 to 26-11-2024	Department of Business Administration, Assam University, Silchar
Dr. V. K. Jebasingh	Online Course	18-06-2025 to 24-06-2025	Organized by UGC UGC-MMTTC, Central University of Kerala
Dr. K.S. Jai Aultrin	PDP	26-05-2025 to 31-05-2025	NICHE
Dr. K.S. Jai Aultrin	Workshop	01-08-2024 to 31-10-2024	Online
Dr. K.Uma Samundesvari	Chairs	02-01-2025	NICHE
Dr.K.Uma Samundesvari	Chairs	02-01-2025	NICHE
Dr. J. John Arul Singh	Experts	05-05-2025	Stella Mary's College of Engineering
Dr. J. John Arul Singh	Experts	16-10-2024	Stella Mary's College of Engineering
Dr.K.Uma Samundesvari	Experts	10-08-2024	Online Mode
Dr.K.Uma Samundesvari	Experts	19-05-2025	online
Dr.K.Uma Samundesvari	Experts	10-08-2024	online
Dr.K.Uma Samundesvari	Experts	06-03-2025 to 19-05-2025	online
Dr.M.Sudha	FDP	19-08-2024 to 24-08-2024	PG and Research Department of Mathematics, V.O.Chidambaram College, Thoothukudi
Dr.M.Sudha	FDP	11-11-2024 to 15-11-2024	Department of Mathematics, Kongunadu Arts and Science College (Autonomous) under DBT Star College Scheme
Dr.M.Sudha	FDP	21-04-2025 to 25-04-2025	Department of BSIC SCIENCE AND

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
			Humanities in association with IQAC, SCMS School of Engineering and Technology, Ernakulam
Dr.M.Sudha	FDP	28-08-2024 to 30-08-2024	NICHE
Dr.M.Sudha	FDP	10-01-2025 to 16-01-2025	Trinity Institute of Innovations in Professional Studies In Collaboration with Indian Economic Association.
Dr.D.Sheeba Singh	FDP	02-06-2025 to 07-06-2025	DMI ENGINEERING COLLEGE,ARALVAIMO ZHI
Dr. D. Sheeba Singh	FDP	10-01-2025 to 16-01-2025	TRINITY ISTITUTE OF INNOVATIONS
Dr.D.Sheeba Singh	FDP	19-08-2024 to 24-08-2024	V.O.Chithambaram College,Thooothukudi
Dr.D.Sheeba Singh	FDP	21-04-2025 to 25-04-2025	SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY,ERNAKULUM
Dr.D.Sheeba Singh	FDP	26-08-2024 to 28-08-2024	NICHE
Dr.D.Sheeba Singh	FDP	26-05-2025 to 31-05-2025	NICHE
Dr.M.Sudha	FDP	26-05-2025 to 31-05-2025	NICHE
Dr.P.Nageswari	FDP	26-05-2025 to 31-05-2025	NICHE
Dr.P.Nageswari	FDP	19-08-2024 to 24-08-2024	Online
Dr.P.Nageswari	FDP	10-01-2025 to 16-01-2025	Online
Dr.K.Uma Samundesvari	FDP	19-08-2024 to 24-08-2024	online
Dr.K.Uma Samundesvari	FDP	10-01-2025 to 16-01-2025	Online
Dr.K.Uma	FDP	21-04-2025 to 25-04-	online

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
Samundesvari		2025	
Dr.K.Uma Samundesvari	FDP	26-05-2025 to 31-05-2025	Online
Dr.K.Uma Samundesvari	FDP	10-01-2025 to 16-01-2025	online
Dr.K.Uma Samundesvari	FDP	21-04-2025 to 25-04-2025	online
Dr.K.Uma Samundesvari	FDP	26-05-2025 to 31-05-2025	online
Dr.K.Uma Samundesvari	FDP	11-11-2024 to 15-11-2024	online
Dr.K.Uma Samundesvari	FDP	19-08-2024 to 24-08-2024	online
Dr.M.Sudha	Online Course	20-01-2025 to 11-04-2025	Indian Institute of Technology, Kharagpur
Dr.P.Nageswari	Online Course	05-01-2025 to 20-04-2025	Online
Dr.K.Uma Samundesvari	Online Course	20-01-2025 to 03-05-2025	online
Dr.K.Uma Samundesvari	Online Course	20-01-2025 to 03-05-2025	online
Dr.M.Sudha	Others	19-07-2024 to 30-08-2025	online
Dr.M.Sudha	Others	07-04-2025 to 30-08-2025	Online
Dr.M.Sudha	PDP	28-11-2024	Department of Information Technology, NICHE
Dr.D.Sheeba Singh	PDP	17-12-2024	NICHE
Dr. D. Sheeba Singh	PDP	28-11-2024	NICHE
Dr.P.Nageswari	PDP	28-11-2024	NICHE
Dr.K.Uma Samundesvari	PDP	17-12-2024	NICHE
Dr.K.Uma Samundesvari	PDP	17-12-2024	NICHE
Dr.K.Uma Samundesvari	Resource Person	18-03-2025	PET College of Engineering, Valliyoor

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
Dr.K.Uma Samundesvari	Resource Person	04-04-2025	Pioneer Kumarasamy College, Nagercoil
Dr.K.Uma Samundesvari	Resource Person	18-03-2025	NICHE
Dr.K.Uma Samundesvari	Resource Person	04-04-2025	Department of Mathematics, Pioneer Kumaraswamy College, Nagercoil
N.Ramasamy	Chairs	19-12-2024 to 20-12-2024	Hotel Dimour, Thiruvananthapuram
N.Ramasamy	Chairs	02-04-2025 to 03-04-2025	NICHE
N.Ramasamy	FDP	07-04-2025 to 11-04-2025	JP college of Arts and science, tenkasi
N.Ramasamy	FDP	03-03-2025 to 07-03-2025	B.V.Raju college ,Bhimavaram
N.Ramasamy	FDP	03-02-2025 to 07-02-2025	JP College of Engineering
N.Ramasamy	FDP	02-09-2024 to 07-09-2024	Ballari Institute of Technology and Management, Karnataka
Dr. R.Ramesh Palappan	FDP	02-01-2025 to 30-04-2025	IIT Madras
Dr. R.Ramesh Palappan	FDP	19-05-2025 to 23-05-2025	NICHE
Dr. R.Ramesh Palappan	FDP	26-05-2025 to 31-05-2025	Online
Dr. R.Ramesh Palappan	FDP	23-04-2025 to 29-08-2025	Online Mode
Dr. P. Jerold Jose	FDP	26-05-2025 to 31-05-2025	NICHE
Dr. P. Jerold Jose	FDP	10-06-2025 to 14-06-2025	NICHE
Dr. P. Jerold Jose	FDP	16-06-2025 to 20-06-2025	NICHE
Dr. P. Jerold Jose	FDP	26-05-2025 to 30-05-2025	NICHE
A.Unni Krishnan	FDP	26-05-2025 to 31-05-	NICHE

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
		2025	
A Unni Krishnan	FDP	10-06-2024 to 15-06-2024	JP College of Engineering,Tenkasi
A Unni Krishnan	FDP	29-05-2025 to 03-06-2025	Sri Venkateswara College of Engineering and Technology, Chittoor
A Unni Krishnan	FDP	01-01-2025 to 30-04-2025	NPTEL-AICTE
N.Ramasamy	FDP	26-05-2025 to 31-05-2025	Mech. & Automobile Engineering
N.Ramasamy	FDP	16-12-2024 to 20-12-2024	CSE Lab,NICHE
N.Ramasamy	FDP	26-05-2025 to 30-05-2025	ECE,NICHE
N.Ramasamy	FDP	26-08-2024 to 30-08-2024	CSE, Gurugobindh Singh College of Engineering & Research centre, Maharashtra,India
N.Ramasamy	FDP	17-09-2024 to 23-09-2024	Chaitanya Bharati Institute of Technology,Hyderabad online
N.Ramasamy	FDP	10-06-2024 to 15-06-2024	JP College of Engineering,Tenkasi
N.Ramasamy	FDP	23-09-2024 to 27-09-2024	Madanapalle Institute of Technology&Science, AP
N.Ramasamy	FDP	09-10-2024 to 15-10-2024	Datta Meghe College of Engg.
Dr.R.Rajesh	FDP	25-11-2024 to 30-11-2024	Online
Dr.R.Rajesh	FDP	13-01-2025 to 18-01-2025	Online
Dr.R.Rajesh	FDP	20-01-2025 to 25-01-2025	Online
Dr.R.Rajesh	FDP	26-05-2025 to 31-05-2025	NICHE
Dr. R.Ramesh Palappan	Online Course	02-01-2025 to 30-04-2025	NPTEL - Online Course
A Unni Krishnan	Online	01-01-2025 to 30-04-	NPTEL course

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
	Course	2025	
Dr.R.Rajesh	Online Course	03-01-2025 to 10-04-2025	Online
N.Ramasamy	Others	18-09-2024	EBSCO Information Services
A Unni Krishnan	Others	23-04-2025	NICHE
N.Ramasamy	Others	02-04-2025 to 03-04-2025	NICHE
N.Ramasamy	Others	19-12-2024 to 20-12-2024	Hotel Dimora TVM
N.Ramasamy	Others	04-06-2025	NICHE
Dr.R.Rajesh	Others	16-12-2024 to 20-12-2024	Online
Dr. P. Jerold Jose	PDP	17-12-2024	NICHE
Dr. P. Berlin Push	PDP	25-11-2024 to 11-11-2024	NICHE
Dr. R.Ramesh Palappan	PDP	15-05-2025	NICHE
DR. P. Jerold Jose	PDP	15-05-2025	NICHE
Dr. P. Jerold Jose	PDP	02-12-2024	NICHE
Dr. P. Jerold Jose	PDP	25-11-2024	NICHE
Dr.R.Ramesh Palappan	PDP	25-11-2024	NICHE
Dr. P. Berlin Push	PDP	02-12-2024	NICHE
A Unni Krishnan	PDP	15-05-2025	NICHE
A Unni Krishnan	PDP	17-12-2024	NICHE
A Unni Krishnan	PDP	25-11-2024	NICHE
N.Ramasamy	PDP	07-03-2025	Department of Mechanical Engineering,NICHE
N.Ramasamy	PDP	25-11-2024	NICHE
N.Ramasamy	PDP	15-05-2025	NICHE
N.Ramasamy	PDP	17-12-2024	NICHE
N.Ramasamy	PDP	03-10-2024	NICHE

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
N.Ramasamy	PDP	02-12-2024	NICHE
N.Ramasamy	PDP	28-11-2024	NICHE
Dr.R.Rajesh	PDP	15-05-2025	NICHE
Dr.R.Rajesh	PDP	02-12-2024	NICHE
Dr.R.Rajesh	PDP	17-12-2024	NICHE
N.Ramasamy	Seminar	09-09-2024	Study world college of Engineering,Coimbatore
A Unni Krishnan	Seminar	20-07-2024	NICHE
Dr. R.Ramesh Palappan	Workshop	24-04-2025 to 25-04-2025	Avinasihilingam Institute, Coimbatore
Dr.R.Ramesh Palappan	Workshop	12-11-2024 to 13-11-2024	Nano Technology
A Unni Krishnan	Workshop	25-09-2024	Department of Information Technology
A Unni Krishnan	Workshop	22-02-2024 to 23-02-2024	NICHE
N.Ramasamy	Workshop	11-11-2024 to 12-11-2024	AC Auditorium,NICHE
N.Ramasamy	Workshop	25-09-2024	NICHE
N.Ramasamy	Workshop	25-11-2024 to 30-11-2024	CSE Lab,NICHE
Kavitha. V	FDP	17-02-2025 to 11-04-2025	Online
Kavitha. V	FDP	05-03-2025 to 07-03-2025	Maria College of Arts & Science, Valliyur
Salin Dhas C S	FDP	05-03-2025 to 07-03-2025	Maria arts and science college for women
Kavitha. V	Online Course	13-01-2025 to 30-04-2025	Online
Kavitha. V	Online Course	17-02-2025 to 11-04-2025	Online
Salin Dhas C S	Online Course	11-01-2025 to 11-07-2025	Swayam
Salin Dhas C S	Online Course	10-05-2025 to 10-06-2025	Skill India Online
Salin Dhas C S	Online Course	20-05-2025 to 20-06-2025	Skill India Online
Rimal Isaac R S	Experts	14-08-2024	STELLA MARY'S COLLEGE OF

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
			ENGINEERING
Praseetha PK	Experts	10-12-2024	Ravenshaw University
Praseetha PK	Experts	12-12-2024	Onile
Dr. T. K. Sreeja	FDP	09-12-2024 to 14-12-2024	ONLINE
Dr. T. K. Sreeja	FDP	10-02-2025 to 15-02-2025	ONLINE
Rimal Isaac R S	FDP	01-08-2024 to 30-09-2024	NPTEL
Praseeth PK	FDP	27-05-2025	Gujarat University
Praseeth PK	Resource Person	17-02-2025 to 18-02-2025	AVVM Sri Pushpam College, Thanjavur
Praseetha PK	Resource Person	24-02-2025 to 25-02-2025	PERIYAR MANIAMMAI INSTITUTE OF SCIENCE & TECHNOLOGY
Praseetha PK	Resource Person	18-07-2025 to 19-07-2025	Saradha Krishna Homoeopathic Medical College
Praseetha PK	Resource Person	21-01-2025	Department of Electronics and Communication, NICHE
Rimal Isaac R S	Workshop	18-11-2024 to 19-11-2024	Nanotechnology, Noorul Islam Centre for Higher Education
Dr. Praseetha PK.	Workshop	18-07-2024 to 19-07-2024	NEHRU GROUP OF INSTITUTIONS TECHNOLOGY BUSINESS INCUBATOR
Dr. B. Bindhu	Chairs	15-11-2024	Hindu Vidyalaya MHSS, Karungal
Dr V N Meena Devi	Experts	14-10-2024	Stella Marrys college of Engineering
Dr. B. Bindhu	Experts	12-07-2024	NVKSD College of Education
Dr. B. Bindhu	Experts	10-08-2024	Online
Dr. B. Bindhu	Experts	07-11-2024	Online
Dr. B. Bindhu	Experts	12-07-2024	NVKSD College of Education, Attloor

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
Dr. B. Bindhu	Experts	10-08-2024	Online
Dr. B. Bindhu	Experts	14-03-2025	S. T. Hindu College, Nagercoil
Dr. N. Y. Sugirtha Suni	FDP	25-11-2024 to 30-11-2024	Chennai
Dr. N. Y. Sugirtha Suni	FDP	17-03-2025 to 27-03-2025	Chennai
Dr. N. Y. Sugirtha Suni	FDP	26-05-2025 to 30-05-2025	NICHE
Dr. N. Y. Sugirtha Suni	FDP	25-05-2025 to 31-05-2025	NICHE
Dr. C. Sagi Rani	FDP	06-08-2024 to 06-08-2025	SRM Institute of Science and Technology, Ramapuram, Chennai.
Dr. C. Sagi Rani	FDP	25-11-2024 to 30-11-2024	Department of Physics, SRM Institute of Science and Technology, Ramapuram, Chennai
Dr. C. Sagi Rani	FDP	28-08-2024 to 30-08-2024	NICHE
Dr V N Meena Devi	FDP	03-03-2025 to 07-03-2025	Department of Biomedical Engineering, Dhaanish Ahmed Institute of Technology, Veerappanur, Coimbatore
Dr V N Meena Devi	FDP	26-05-2025 to 30-05-2025	NICHE
Dr V N Meena Devi	FDP	20-05-2025 to 30-05-2025	Iswar Sarzan PG College . Prayagraj
Dr V N Meena Devi	FDP	03-06-2024 to 07-06-2024	organised by Department of Mechanical Engineering, Dr. M.G.R. Educational and Research Institute, Chennai
Dr.V.N. Meena Devi	FDP	03-02-2025 to 08-02-2025	Marthandam College of Engineering and Technology

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
Dr V N Meena Devi	FDP	17-03-2025 to 27-03-2025	Department of Physics, SRM Institute of Science and Technology, Ramapuram, Chennai
Dr. B. Bindhu	FDP	28-08-2024 to 30-08-2024	Audio Visual Hall
Dr. B. Bindhu	FDP	03-06-2024 to 07-06-2024	Dr. M. G. R. Educational and Research Institute
Dr. B. Bindhu	FDP	03-06-2024 to 11-06-2024	Online
Dr. B. Bindhu	FDP	08-06-2024	Online
B. Bindhu	FDP	03-06-2024 to 11-06-2024	Online
Dr. B. Bindhu	FDP	08-06-2024	Online
Dr. B. Bindhu	FDP	03-06-2024 to 11-06-2024	Online
Dr. B. Bindhu	FDP	08-06-2024	Online
P. Asha	FDP	21-07-2025 to 01-08-2025	Ramapuram, Chennai
P. Asha	FDP	03-02-2025 to 08-02-2025	Marthandam College of Engineering and Technology
Dr. B. Bindhu	Online Course	01-06-2025 to 27-06-2025	Online
Dr. B. Bindhu	Online Course	01-06-2025 to 07-06-2025	Online
Dr. N. Y. Sugirtha Suni	Others	20-07-2024	NICHE
Dr. N. Y. Sugirtha Suni	Others	11-11-2024 to 12-11-2024	NICHE
Dr. C. Sagi Rani	Others	10-02-2024	SRM Institute of Science and Technlgy
Dr. B. Bindhu	Resource Person	19-08-2024	NICHE
Dr. B. Bindhu	Resource Person	19-08-2024	NICHE
Dr. B. Bindhu	Resource Person	07-11-2024	Online
Dr. B. Bindhu	Resource	20-07-2024	NVKS Senior Secondary

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
	Person		School, Attoor
Dr. N. Y. Sugirtha Suni	Seminar	03-09-2024	Punjab
Dr. N. Y. Sugirtha Suni	Seminar	09-11-2024	Chennai
Dr. C. Sagi Rani	Seminar	12-04-2025	Department of Physics, SRM Institute of Science and Technology, Ramapuram Campus, Chennai
Dr. C. Sagi Rani	Seminar	27-09-2024	Bhabha Atomic Research Center, Mumbai, India organised by Department of Physics, Akal University, Talwandi Sabo
Dr. C. Sagi Rani	Seminar	09-11-2024	SRM Institute of Science and Technology, Ramapuram Campus, Chennai
Dr V N Meena Devi	Seminar	03-09-2024	Department of Physics, Akal University, Talwandi Sabo, Bathinda, Punjab.
Dr V N Meena Devi	Seminar	05-06-2024	Department of Physics, Akal University, Talwandi Sabo, Bathinda, Punjab.
Dr V N Meena Devi	Seminar	08-08-2024	Department of Physics, Akal University, Talwandi Sabo, Bathinda, Punjab
Dr. N. Y. Sugirtha Suni	Workshop	01-04-2025 to 07-04-2025	Online
Dr. C. Sagi Rani	Workshop	15-03-2025 to 16-03-2025	IIT Roorkey
Dr. N. Y. Sugirtha Suni	Workshop	06-08-2024	Chennai
Dr. C. Sagi Rani	Workshop	01-04-2025 to 07-04-2025	Online
Dr. C. Sagi Rani	Workshop	06-08-2024	SRM Institute of Science and Technology,
Dr V N Meena	Workshop	06-08-2024	Department of Physics,

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Devi			SRM Institute of Science and Technology, Ramapuram, Chennai.
Dr V N Meena Devi	Workshop	04-04-2025 to 07-04-2025	Indian Knowledge Systems (IKS) Division, Ministry of Education, and CSIR-Traditional Knowledge Digital Library (TKDL) Unit, Ministry of Science and Technology,
Dr. B. Bindhu	Workshop	13-12-2024	IIT Delhi
Dr. B. Bindhu	Workshop	13-12-2024	IIT Delhi
P. Asha	Workshop	01-04-2025 to 07-04-2025	Indian Knowledge Systems Division, Ministry of Education
Dr.V.Alan Gowri Phivin	FDP	26-05-2025 to 30-05-2025	Online
Dr.V.Alan Gowri Phivin	FDP	16-12-2024 to 20-12-2024	NICHE
Dr.V.Alan Gowri Phivin	FDP	26-05-2025 to 30-05-2025	NICHE
Dr.V.Alan Gowri Phivin	FDP	25-11-2024 to 30-11-2024	NICHE
Dr. S. Jerine	FDP	26-05-2025 to 30-05-2025	NICHE
Dr. S. Jerine	FDP	25-11-2024 to 30-11-2024	NICHE
Dr. S. Jerine	FDP	26-05-2025 to 30-05-2025	NICHE/ online
Dr. S. Jerine	FDP	16-12-2024 to 20-12-2024	NICHE
Dr. S. Jerine	FDP	01-04-2025 to 05-04-2025	online-Nagaland
Dr. S. Jerine	FDP	06-08-2024 to 08-08-2024	online
R.I. Heaven Rose	FDP	26-05-2025 to 30-05-2025	NICHE
R.I. Heaven Rose	FDP	16-12-2024 to 20-12-2024	NICHE

Name of the Faculty	Type of Program(FD P/PDP, Orientation/Induction Program, Refresher course, Short Term Course)	Date	Name of the organizing Institution
Dr. S. Jerine	Seminar	20-07-2024	NICHE
Dr. V. Alan Gowri Phivin	Workshop	25-09-2024	NICHE
Dr. S. Jerine	Workshop	25-09-2024	NICHE
Dr. S. Jerine	Workshop	09-09-2024 to 10-09-2024	NICHE
R.I. Heaven Rose	Workshop	25-11-2024 to 30-11-2024	Intel Unnati Lab
R.I. Heaven Rose	Workshop	25-09-2024	NICHE
Dr. J. P. Jayan	FDP	16-12-2024 to 20-12-2024	NICHE
Dr. J. P. Jayan	FDP	24-03-2025 to 28-03-2025	St. Joseph University, Nagaland
Dr. J. P. Jayan	Workshop	18-01-2025	Online

