

NOORUL ISLAM CENTRE FOR HIGHER EDUCATION, KUMARACOIL

(Declared as Deemed-to-be-University under section 3 of the UGC Act 1956)

ACADEMIC ASSESSMENT AUDIT

Name of the Department: Aeronautical Engin (2021 – 2022) Date: 15/12/22

Sl.No	Description	Five Point Scale				
		A	B	C	D	E
I	CURRICULAR ASPECTS					
1	Lecture Plan	/				
2	Lab Plan	/				
3	Incorporation of BOS Meetings Recommendations		/			
4	New Electives Introduced		/			
5	Class Committee	/		/		
6	Programme Committee	/				
7	Academic - Course Registration	/				
8	Intramural - Course Registration	/				
9	Extension Activities					/
10	Lab Manual	/				
	$30 + 8 + 3 + 0 + 1 = 42 / 50 \times 100 = 84$	6	2	1	0	1
	$CI = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100$					
II	FEEDBACK					
1	Student feedback about faculty	/				
2	Feedback from Student regarding curriculum			/		
3	Feedback from Staff regarding curriculum			/		
4	Feedback from Alumni regarding curriculum			/		
5	Feedback from Experts (Academic / Industry) student regarding curriculum				/	
	$5 + 0 + 9 + 2 + 0 = 16 / 25 \times 100 = 64$	1	0	3	1	0
III	TEACHING LEARNING PROCESS					
1	Remedial course details	/				
2	Slow learner details			/		
3	Student participation in Seminar / Conference / Symposium	/				
4	Seminar / Workshop / Training Programme organized			/		
5	Technical Symposium organized					/
6	Invited Experts / Eminent Professor / Guest Lecture / Scientist details					/
7	Project Work details	/				
8	Student Publications					/
9	Faculty Training Programme					/
10	Faculty participation in Seminar / Conference				/	
11	Industrial visit / NSS / Annual Sports Meet participation					/
12	Internship Training details			/		
13	Syllabus coverage details		/			
14	Lab coverage details		/			
15	Course Attainment		/			

Name of the Department: Aeronautical

(2021 - 2022) Date: 15/12/22

16	Internal Assessment details	/				
17	Series Test Marks and Analysis	/	/			
18	End Semester details, Result Analysis and Rank list	/				/
19	Student Arrear details					/
	$25 + 16 + 9 + 2 + 6 = 58 / 95 \times 100 = 61$	5	4	3	1	6
IV	RESEARCH, CONSULTANCY AND EXTENSION ACTIVITIES	A	B	C	D	E
1	National and International conferences organized					/
2	Patents registered					/
3	Patents published					/
4	On-going Research Project details					/
5	Research Projects completed and grants received				/	
6	Faculty publications (SCI / Web of Science / Scopus)	/				
7	Faculty h-index	/				
8	Faculty i10-index			/		
9	Book Chapter details			/		
10	Research Awards received by faculty and students					/
11	Consultancy Services provided and funds received					/
12	Promotion of Industry Institute Interaction and R & D					/
	$10 + 0 + 6 + 2 + 7 = 25 / 60 \times 100 = 42$	2	0	2	1	7
V	EFFECTIVE USE OF ICT	A	B	C	D	E
1	PPT prepared by faculty	/				
2	Smart Room usage register	/				/
3	Industry Tie-up programmes			/		
4	Learning Materials provided					
5	Other Interactive materials prepared / used, NPTEL course content used				/	
	$10 + 0 + 3 + 2 + 1 = 16 / 25 \times 100 = 64$	2	0	1	1	1
VI	STUDENT SUPPORT AND PROGRESSION	A	B	C	D	E
1	Mentorship details	/				
2	Alumni Interaction programme conducted	/				
3	Question Bank	/				
4	Placement details			/		
5	Student Counselling details					
6	Student Membership details IEEE, IET, ISTE, CSI, NCSSS and other professional bodies					/
	$15 + 0 + 3 + 2 + 1 = 21 / 30 \times 100 = 70$	3	0	1	1	1
VII	GOVERNANCE AND LEADERSHIP	A	B	C	D	E
1	Faculty Awards					/
2	Industry Academic Collaborations			/		
3	Faculty Ph.D details					/
4	Parent Teacher Meeting details					/
5	Training Programme organized for Professional Development of Teaching / Non Teaching staff					/
	$0 + 0 + 3 + 0 + 4 = 7 / 25 \times 100 = 28$	0	0	0	1	4

Name of the Department: Aeronautical

(2021 – 2022) Date: 15/12/22

Letter grade	Weightage
A	5
B	4
C	3
D	2
E	1

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \text{ ---- (1)}$$

$$C_2 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (2)}$$

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 95 \times 100 \text{ ---- (3)}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 60 \times 100 \text{ ---- (4)}$$

$$C_5 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (5)}$$

$$C_6 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 30 \times 100 \text{ ---- (6)}$$

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (7)}$$

C_a – Number of times 'A' rating has obtained in that category

C_b – Number of times 'B' rating has obtained in that category

C_c – Number of times 'C' rating has obtained in that category

C_d – Number of times 'D' rating has obtained in that category

C_e – Number of times 'E' rating has obtained in that category

The department performance index (Absolute) P_a :/

$$P_a = [(168 \times 2) + (64 \times 1) + (122 \times 2) + (84 \times 2) + (64 \times 1) + (70 \times 1) + (36 \times 1)] / 10 = 60.8$$

The department performance index (Relative) P_r : 72.3

$$P_r = P_a / \text{Max } (P_a) = 60.8 / 84.036$$

according to the criteria weightage.
0.21 x 100

Observations of the Academic Audit Committee Members

- * Curricular Aspects are really impressive and Excellent.
- * Feedback, Teaching Learning process, Use of ICT, and Student Support and Progression are good and can be improved.
- * Research, Consultancy and Extension Activities, Governance and Leadership are indigent and more attention should be given.

Name of the Department: *Aeronautical Engg.*

(2021 - 2022) Date: *15/12/2022*

Overall Observations

1. Motivate the Faculty Members to publish the research paper in good quality Journals.
2. Try to organize more number of guest lectures and expert talks at department level.
3. Try to improve the number of industry Tie-ups at the department level.
4. Motivate the students to take memberships in professional bodies.
5. Conduct parent-Teachers meeting to inform the status of poor performing students.


Name & Signature


27/12/22

Dr. J.P. Jayan
Director IQAC

Noorul Islam Centre for Higher Education
Kumaracoil - 629180, Kanyakumari District,
Tamil Nadu.

6. Try to use the NPTEL course contents and other online learning resources to train the students.
7. Need to improve the consultancy services, as it is very poor.
8. Training programme for the professional development of Teaching/ Non-Teaching staff members has to be organized.


18/12/22
Prof. Dr. A. Shajin Nargunam, M.E., Ph.D.,
Director-Academic Affairs
Noorul Islam Centre for Higher Education
Kumaracoil, Thuckalay.

NOORUL ISLAM CENTRE FOR HIGHER EDUCATION, KUMARACOIL

(Declared as Deemed-to-be-University under section 3 of the UGC Act 1956)

ACADEMIC ASSESSMENT AUDIT

Name of the Department: Aerospace Engg. (2021 – 2022) Date: 18/01/23

Sl.No	Description	Five Point Scale				
I	CURRICULAR ASPECTS	A	B	C	D	E
1	Lecture Plan	/	/			
2	Lab Plan		/			
3	Incorporation of BOS Meetings Recommendations			/		
4	New Electives Introduced				/	
5	Class Committee		/			
6	Programme Committee		/			
7	Academic - Course Registration	/				
8	Intramural - Course Registration	/				
9	Extension Activities					/
10	Lab Manual	/				
	$15+16+3+0+1=37/50 \times 100 = 74$	3	4	1	1	1
	$C1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100$					
II	FEEDBACK	A	B	C	D	E
1	Student feedback about faculty	/				
2	Feedback from Student regarding curriculum					/
3	Feedback from Staff regarding curriculum					/
4	Feedback from Alumni regarding curriculum	/				
5	Feedback from Experts (Academic / Industry) student regarding curriculum					/
	$10+3=13/25 \times 100 = 52$	2	0	0	0	3
III	TEACHING LEARNING PROCESS	A	B	C	D	E
1	Remedial course details			/		
2	Slow learner details			/		
3	Student participation in Seminar / Conference / Symposium		/			
4	Seminar / Workshop / Training Programme organized					/
5	Technical Symposium organized			/		
6	Invited Experts / Eminent Professor / Guest Lecture / Scientist details				/	
7	Project Work details		/			
8	Student Publications			/		
9	Faculty Training Programme					/
10	Faculty participation in Seminar / Conference					/
11	Industrial visit / NSS / Annual Sports Meet participation		/			
12	Internship Training details		/			
13	Syllabus coverage details	/				
14	Lab coverage details	/				
15	Course Attainment		/			

Name of the Department: Aerospace Engg. (2021 - 2022) Date: 18/11/23

16	Internal Assessment details	/				
17	Series Test Marks and Analysis		/			
18	End Semester details, Result Analysis and Rank list		/			
19	Student Arrear details					/
	$15 + 28 + 12 + 2 + 4 = 61 / 95 \times 100 = 64$	3	7	4	1	4
IV	RESEARCH, CONSULTANCY AND EXTENSION ACTIVITIES	A	B	C	D	E
1	National and International conferences organized					/
2	Patents registered					/
3	Patents published					/
4	On-going Research Project details					/
5	Research Projects completed and grants received			/		
6	Faculty publications (SCI / Web of Science / Scopus)			/		
7	Faculty h-index			/		
8	Faculty i10-index					/
9	Book Chapter details					/
10	Research Awards received by faculty and students					/
11	Consultancy Services provided and funds received					/
12	Promotion of Industry Institute Interaction and R & D					/
	$9 + 9 = 18 / 60 \times 100 = 30$	0	0	3	0	9
V	EFFECTIVE USE OF ICT	A	B	C	D	E
1	PPT prepared by faculty	/	/			
2	Smart Room usage register	/	/			
3	Industry Tie-up programmes		/			
4	Learning Materials provided		/			
5	Other Interactive materials prepared / used, NPTEL course content used					/
	$5 + 12 + 1 = 18 / 25 \times 100 = 72$	1	3	0	0	1
VI	STUDENT SUPPORT AND PROGRESSION	A	B	C	D	E
1	Mentorship details	/				
2	Alumni Interaction programme conducted		/			
3	Question Bank		/			
4	Placement details				/	
5	Student Counselling details	/				
6	Student Membership details IEEE, IET, ISTE, CSI, NCSSS and other professional bodies					/
	$10 + 8 + 0 + 2 + 1 = 21 \times 30 \times 100 = 72$	2	2	0	1	1
VII	GOVERNANCE AND LEADERSHIP	A	B	C	D	E
1	Faculty Awards					/
2	Industry Academic Collaborations			/		
3	Faculty Ph.D details					/
4	Parent Teacher Meeting details					/
5	Training Programme organized for Professional Development of Teaching / Non-Teaching staff					/
	$3 + 4 = 7 / 25 \times 100 = 28$	0	0	1	0	4

Name of the Department: *AeroSpace Engg* (2021 – 2022) Date: *18/1/23*

Letter grade	Weightage
A	5
B	4
C	3
D	2
E	1

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \text{ ----- (1)}$$

$$C_2 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ----- (2)}$$

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 95 \times 100 \text{ ----- (3)}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 60 \times 100 \text{ ----- (4)}$$

$$C_5 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ----- (5)}$$

$$C_6 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 30 \times 100 \text{ ----- (6)}$$

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ----- (7)}$$

C_a – Number of times 'A' rating has obtained in that category

C_b – Number of times 'B' rating has obtained in that category

C_c – Number of times 'C' rating has obtained in that category

C_d – Number of times 'D' rating has obtained in that category

C_e – Number of times 'E' rating has obtained in that category

The department performance index (Absolute) P_a :

$$P_a = [(C_1 \times 2) + (C_2 \times 1) + (C_3 \times 2) + (C_4 \times 2) + (C_5 \times 1) + (C_6 \times 1) + (C_7 \times 1)] / 10$$

(48 + 52 + 128 + 60 + 72 + 70 + 28) / 10 = 55.8

The department performance index (Relative) P_r : *66.4*

$$P_r = P_a / \text{Max } (P_a)$$

Observations of the Academic Audit Committee Members

- * *Curricular Aspects, Teaching Learning process, Use of ICT, Student Support and Progression are good and can be improved.*
- * *Feedback, Research, Consultancy and Extension Activities, Governance and Leadership are indigent and need to be improved.*

Name of the Department: *Aerospace Engg.*

(2021 - 2022) Date: *18/1/2023*

Overall Observations

1. Maintain feedback about the curriculum from Students/staffs/Experts.
2. Try to organize more number of Seminars, workshops and Training programme at the department level.
3. Motivate the Faculty members to participate in the Faculty Training programme, Seminar and Conferences.
4. Motivate the Faculty members to register for patents and for research projects.



S. FELIA STEPHEN
Name & Signature



Dr. J.P. Jayan
Director IQAC
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Kumaracoil - 629180, Kanyakumari District
Tamil Nadu.

5. Need to improve consultancy services as it is very poor.
6. Try to use the NPTEL course contents and other online learning resources to train the students.
7. Conduct parent-Teachers meeting to inform the status of poor performing students.
8. Training programme for the professional development of Teaching/Non-Teaching staff members has to be organized.

NOORUL ISLAM CENTRE FOR HIGHER EDUCATION, KUMARACOIL

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ACADEMIC ASSESSMENT AUDIT

Name of the Department: Aircraft Maintenance (2021 – 2022) Date: 18/1/2023

Sl.No	Description	Five Point Scale				
I	CURRICULAR ASPECTS	A	B	C	D	E
1	Lecture Plan	/				
2	Lab Plan	/				
3	Incorporation of BOS Meetings Recommendations			/		
4	New Electives Introduced				/	
5	Class Committee	/				
6	Programme Committee	/				
7	Academic - Course Registration					/
8	Intramural - Course Registration					/
9	Extension Activities				/	
10	Lab Manual		/			
	$20 + 4 + 3 + 4 + 2 = 33 / 50 \times 100 = 66$	4	1	1	2	2
	$C1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100$					
II	FEEDBACK	A	B	C	D	E
1	Student feedback about faculty					/
2	Feedback from Student regarding curriculum			/		
3	Feedback from Staff regarding curriculum			/		
4	Feedback from Alumni regarding curriculum			/		
5	Feedback from Experts (Academic / Industry) student regarding curriculum			/		
	$0 + 0 + 12 + 0 + 1 = 13 / 25 \times 100 = 52$	0	0	4	0	1
III	TEACHING LEARNING PROCESS	A	B	C	D	E
1	Remedial course details	/				
2	Slow learner details	/				
3	Student participation in Seminar / Conference / Symposium			/		
4	Seminar / Workshop / Training Programme organized					/
5	Technical Symposium organized					/
6	Invited Experts / Eminent Professor / Guest Lecture / Scientist details				/	
7	Project Work details			/		
8	Student Publications					/
9	Faculty Training Programme				/	
10	Faculty participation in Seminar / Conference					/
11	Industrial visit / NSS / Annual Sports Meet participation					/
12	Internship Training details					/
13	Syllabus coverage details		/			
14	Lab coverage details		/			
15	Course Attainment		/			

Name of the Department: *Aircraft Maintenance* (2021 - 2022) Date: *18/11/2023*

16	Internal Assessment details	/					
17	Series Test Marks and Analysis	/					
18	End Semester details, Result Analysis and Rank list	/					
19	Student Arrear details	/					
	$30+12+6+4+6=58/95 \times 100 = 61$	6	3	2	2	6	
IV	RESEARCH, CONSULTANCY AND EXTENSION ACTIVITIES	A	B	C	D	E	
1	National and International conferences organized					/	
2	Patents registered					/	
3	Patents published					/	
4	On-going Research Project details					/	
5	Research Projects completed and grants received		/				
6	Faculty publications (SCI / Web of Science / Scopus)		/				
7	Faculty h-index					/	
8	Faculty i10-index					/	
9	Book Chapter details					/	
10	Research Awards received by faculty and students					/	
11	Consultancy Services provided and funds received					/	
12	Promotion of Industry Institute Interaction and R & D					/	
	$0+8+0+0+10=18/60 \times 100 = 30$	0	2	0	0	10	
V	EFFECTIVE USE OF ICT	A	B	C	D	E	
1	PPT prepared by faculty		/				
2	Smart Room usage register				/		
3	Industry Tie-up programmes		/				
4	Learning Materials provided					/	
5	Other Interactive materials prepared / used, NPTEL course content used					/	
	$0+8+0+2+2=12/25 \times 100 = 48$	0	2	0	1	2	
VI	STUDENT SUPPORT AND PROGRESSION	A	B	C	D	E	
1	Mentorship details	/					
2	Alumni Interaction programme conducted	/					
3	Question Bank	/					
4	Placement details		/				
5	Student Counselling details		/				
6	Student Membership details IEEE, IET, ISTE, CSI, NCSSS and other professional bodies					/	
	$15+8+0+0+1=24/30 \times 100 = 80$	3	2	0	0	1	
VII	GOVERNANCE AND LEADERSHIP	A	B	C	D	E	
1	Faculty Awards					/	
2	Industry Academic Collaborations					/	
3	Faculty Ph.D details	/				/	
4	Parent Teacher Meeting details					/	
5	Training Programme organized for Professional Development of Teaching / Non-Teaching staff					/	
	$5+0+0+0+4=9/25 \times 100 = 36$	1	0	0	0	4	

Name of the Department: *Aircraft Maintenance* (2021 – 2022) Date: *18.1.2023*

Letter grade	Weightage
A	5
B	4
C	3
D	2
E	1

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \text{ ----- (1)}$$

$$C_2 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ----- (2)}$$

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 95 \times 100 \text{ ----- (3)}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 60 \times 100 \text{ ----- (4)}$$

$$C_5 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ----- (5)}$$

$$C_6 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 30 \times 100 \text{ ----- (6)}$$

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ----- (7)}$$

C_a – Number of times 'A' rating has obtained in that category

C_b – Number of times 'B' rating has obtained in that category

C_c – Number of times 'C' rating has obtained in that category

C_d – Number of times 'D' rating has obtained in that category

C_e – Number of times 'E' rating has obtained in that category

The department performance index (Absolute) P_a :

$$P_a = [(C_1 \times 2) + (C_2 \times 1) + (C_3 \times 2) + (C_4 \times 2) + (C_5 \times 1) + (C_6 \times 1) + (C_7 \times 1)] / 10$$

(132 + 52 + 122 + 60 + 48 + 80 + 36) / 10 = 53

The department performance index (Relative) P_r : *63*

$$P_r = P_a / \text{Max } (P_a)$$

Observations of the Academic Audit Committee Members

- * *Student Support and Progression is Excellent.*
- * *Curricular Aspects, Teaching Learning Process, are Good and can be improved.*
- * *Special care should be given in Feedback, Research, Consultancy and Extension Activities, Use of ICT, Governance and Leadership.*

Name of the Department: *Aircraft Maintenance* (2021 – 2022) Date: *18/1/2023*

Overall Observations

1. Try to organize more number of guest lectures and expert talks at department level.
2. Motivate the Faculty members to participate in Faculty Training programme, Seminar and conferences.
3. Motivate the Faculty members to participate in research related activities and to register for patents and for research projects.
4. Need to improve consultancy services as it is very poor.
5. Try to use the NPTEL course content and other online learning resources to train the students.


Name & Signature *J. Felix Stephen*


27/2/23

Dr. J.P. Jayan
Director IQAC

Noorul Islam Centre for Higher Education
Kumaracoil - 629180, Kanyakumari District,
Tamil Nadu.

6. Motivate the students to take memberships in professional bodies.
7. Try to improve the industry Tie-ups at the Department level.
8. Conduct Parent- Teachers meeting to inform the status of poor performing students.
9. Conduct Training Programme for the Professional Development of Teaching and Non-Teaching staff members.


13/3/23

Prof. Dr. A. Shajin Nargunam, M.E., Ph.D.,
Director-Academic Affairs
Noorul Islam Centre for Higher Education
Kumaracoil, Thuckalay.

NOORUL ISLAM CENTRE FOR HIGHER EDUCATION, KUMARACOIL

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ACADEMIC ASSESSMENT AUDIT

Name of the Department: AUTOMOBILE ENGINEERING (2021 – 2022) Date: 16/12/2022

Sl.No	Description	Five Point Scale				
I	CURRICULAR ASPECTS	A	B	C	D	E
1	Lecture Plan	/				
2	Lab Plan	/				
3	Incorporation of BOS Meetings Recommendations	/				
4	New Electives Introduced				/	
5	Class Committee	/				
6	Programme Committee	/				
7	Academic - Course Registration	/				
8	Intramural - Course Registration	/				
9	Extension Activities				/	
10	Lab Manual	/				
	$40+0+0+4+0 = 44/50 \times 100 = 88$	8	0	0	2	0
	$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100$					
II	FEEDBACK	A	B	C	D	E
1	Student feedback about faculty	/				
2	Feedback from Student regarding curriculum				/	
3	Feedback from Staff regarding curriculum				/	
4	Feedback from Alumni regarding curriculum			/		
5	Feedback from Experts (Academic / Industry) student regarding curriculum	/				
	$10+0+3+4+0 = 17/25 \times 100 = 68$	2	0	1	2	0
III	TEACHING LEARNING PROCESS	A	B	C	D	E
1	Remedial course details			/		
2	Slow learner details			/		
3	Student participation in Seminar / Conference / Symposium			/		
4	Seminar / Workshop / Training Programme organized		/			
5	Technical Symposium organized	/				
6	Invited Experts / Eminent Professor / Guest Lecture / Scientist details				/	
7	Project Work details	/				
8	Student Publications			/		
9	Faculty Training Programme			/		
10	Faculty participation in Seminar / Conference			/		
11	Industrial visit / NSS / Annual Sports Meet participation	/		/		
12	Internship Training details	/	/			
13	Syllabus coverage details	/				
14	Lab coverage details	/				
15	Course Attainment			/		

Name of the Department: AUTOMOBILE ENGINEERING (2021 - 2022) Date: 16/12/2022

16	Internal Assessment details	/					
17	Series Test Marks and Analysis	/		/			
18	End Semester details, Result Analysis and Rank list	/		/			
19	Student Arrear details			/			
	$35+8+27+2+10=72/95 \times 100 = 76$	7	2	9	1	0	
IV	RESEARCH, CONSULTANCY AND EXTENSION ACTIVITIES	A	B	C	D	E	
1	National and International conferences organized		/			/	
2	Patents registered		/			/	
3	Patents published					/	
4	On-going Research Project details					/	
5	Research Projects completed and grants received					/	
6	Faculty publications (SCI / Web of Science / Scopus)		/				
7	Faculty h-index		/	/			
8	Faculty i10-index		/	/			
9	Book Chapter details		/				
10	Research Awards received by faculty and students		/				
11	Consultancy Services provided and funds received					/	
12	Promotion of Industry Institute Interaction and R & D					/	
	$0+16+6+0+6=28/60 \times 100 = 47$	0	4	2	0	6	
V	EFFECTIVE USE OF ICT	A	B	C	D	E	
1	PPT prepared by faculty	/					
2	Smart Room usage register		/				
3	Industry Tie-up programmes			/			
4	Learning Materials provided	/					
5	Other Interactive materials prepared / used, NPTEL course content used				/		
	$10+4+3+2+0=19/25 \times 100 = 76$	2	1	1	1	0	
VI	STUDENT SUPPORT AND PROGRESSION	A	B	C	D	E	
1	Mentorship details		/				
2	Alumni Interaction programme conducted	/					
3	Question Bank		/				
4	Placement details				/		
5	Student Counselling details				/		
6	Student Membership details IEEE, IET, ISTE, CSI, NCSSS and other professional bodies			/			
	$5+8+3+4+0=20/30 \times 100 = 67$	1	2	1	2	0	
VII	GOVERNANCE AND LEADERSHIP	A	B	C	D	E	
1	Faculty Awards		/				
2	Industry Academic Collaborations			/			
3	Faculty Ph.D details		/				
4	Parent Teacher Meeting details					/	
5	Training Programme organized for Professional Development of Teaching / Non-Teaching staff					/	
	$0+8+3+0+2=13/25 \times 100 = 52$	0	2	1	0	2	

Name of the Department: *AUTOMOBILE ENGINEERING* (2021 – 2022) Date: *16/12/2022*

Letter grade	Weightage
A	5
B	4
C	3
D	2
E	1

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \text{ ----- (1)}$$

$$C_2 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ----- (2)}$$

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 95 \times 100 \text{ ----- (3)}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 60 \times 100 \text{ ----- (4)}$$

$$C_5 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ----- (5)}$$

$$C_6 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 30 \times 100 \text{ ----- (6)}$$

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ----- (7)}$$

C_a – Number of times 'A' rating has obtained in that category

C_b – Number of times 'B' rating has obtained in that category

C_c – Number of times 'C' rating has obtained in that category

C_d – Number of times 'D' rating has obtained in that category

C_e – Number of times 'E' rating has obtained in that category

The department performance index (Absolute) P_a :

$$P_a = [(176 + 68 + 152 + 94 + 76 + 67 + 52) / 10] = 68.5$$

$$P_a = [(C_1 \times 2) + (C_2 \times 1) + (C_3 \times 2) + (C_4 \times 2) + (C_5 \times 1) + (C_6 \times 1) + (C_7 \times 1)] / 10$$

The department performance index (Relative) P_r : *81.5*

$$P_r = P_a / \text{Max } (P_a)$$

Observations of the Academic Audit Committee Members

- * Curricular Aspects are Excellent.
- * Feedback, Teaching Learning Process, Use of ICT, Student Support and Progression are Good and can be improved.
- * Research, Consultancy and Extension Activities, Governance and Leadership are indigent and need to be improved.

Overall Observations

1. Organize more number of National and International conferences, guest lectures and invited expert talks.
2. Consultancy Service is poor and need to be improved.
3. Motivate the Faculty members to register for patents and for research projects.
4. Conduct Parent-Teachers meeting to inform the status of the poor performing students.



Name & Signature



Dr. J.P. Jayan

Director IQAC

Noorul Islam Centre for Higher Education
Kumaracoil - 629180, Kanyakumari District,
Tamil Nadu.

5. Training programmes for professional development of Teaching/ Non-Teaching staff members need to be conducted.



Prof. Dr. A. Shajin Nargunam, M.E., Ph.D.,
Director-Academic Affairs
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Kumaracoil, Thuckalay.

NOORUL ISLAM CENTRE FOR HIGHER EDUCATION, KUMARACOIL

(Declared as Deemed-to-be-University under section 3 of the UGC Act 1956)

ACADEMIC ASSESSMENT AUDIT

Name of the Department: Bio - Medical Engg (2021 - 2022) Date: 19/01/22

Sl.No	Description	Five Point Scale				
I	CURRICULAR ASPECTS	A	B	C	D	E
1	Lecture Plan		/			
2	Lab Plan		/			
3	Incorporation of BOS Meetings Recommendations		/			
4	New Electives Introduced	/				
5	Class Committee		/			
6	Programme Committee		/			
7	Academic - Course Registration	/				
8	Intramural - Course Registration	/				
9	Extension Activities	/				
10	Lab Manual	/				
	$25 + 20 = 45 / 50 \times 100 = 90$	5	5	0	0	0
	$CI = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100$					
II	FEEDBACK	A	B	C	D	E
1	Student feedback about faculty	/				
2	Feedback from Student regarding curriculum			/		
3	Feedback from Staff regarding curriculum			/		
4	Feedback from Alumni regarding curriculum				/	
5	Feedback from Experts (Academic / Industry) student regarding curriculum					/
	$5 + 0 + 6 + 2 + 1 = 14 / 25 \times 100 = 56$	1	0	2	1	1
III	TEACHING LEARNING PROCESS	A	B	C	D	E
1	Remedial course details	/				
2	Slow learner details	/				
3	Student participation in Seminar / Conference / Symposium		/			
4	Seminar / Workshop / Training Programme organized		/			
5	Technical Symposium organized			/		
6	Invited Experts / Eminent Professor / Guest Lecture / Scientist details			/		
7	Project Work details	/				
8	Student Publications				/	
9	Faculty Training Programme		/			
10	Faculty participation in Seminar / Conference		/			
11	Industrial visit / NSS / Annual Sports Meet participation	/				
12	Internship Training details	/				
13	Syllabus coverage details	/				
14	Lab coverage details	/				
15	Course Attainment			/		

Name of the Department: Bio - Medical Engineering (2021 - 2022) Date: 19/1/23

16	Internal Assessment details	/	/				
17	Series Test Marks and Analysis	/					
18	End Semester details, Result Analysis and Rank list	/					
19	Student Arrear details		/				
	$45+24+9+2+0 = 80/95 \times 100 = 84$	9	6	3	1	0	
IV	RESEARCH, CONSULTANCY AND EXTENSION ACTIVITIES	A	B	C	D	E	
1	National and International conferences organized	/			/		
2	Patents registered				/		
3	Patents published					/	
4	On-going Research Project details			/			
5	Research Projects completed and grants received		/				
6	Faculty publications (SCI / Web of Science / Scopus)		/				
7	Faculty h-index		/				
8	Faculty i10-index		/				
9	Book Chapter details		/				
10	Research Awards received by faculty and students					/	
11	Consultancy Services provided and funds received			/			
12	Promotion of Industry Institute Interaction and R & D			/			
	$5+16+6+6+2 = 35/60 \times 100 = 58$	1	4	2	3	2	
V	EFFECTIVE USE OF ICT	A	B	C	D	E	
1	PPT prepared by faculty	/					
2	Smart Room usage register	/		/			
3	Industry Tie-up programmes	/					
4	Learning Materials provided	/					
5	Other Interactive materials prepared / used, NPTEL course content used					/	
	$15+10+3+0+1 = 19/25 \times 100 = 76$	3	0	1	0	1	
VI	STUDENT SUPPORT AND PROGRESSION	A	B	C	D	E	
1	Mentorship details	/					
2	Alumni Interaction programme conducted		/				
3	Question Bank		/				
4	Placement details	/					
5	Student Counselling details		/				
6	Student Membership details IEEE, IET, ISTE, CSI, NCSSS and other professional bodies				/		
	$10+12+0+2+0 = 24/30 \times 100 = 80$	2	3	0	1	0	
VII	GOVERNANCE AND LEADERSHIP	A	B	C	D	E	
1	Faculty Awards	/			/		
2	Industry Academic Collaborations		/				
3	Faculty Ph.D details				/		
4	Parent Teacher Meeting details					/	
5	Training Programme organized for Professional Development of Teaching / Non-Teaching staff					/	
	$5+4+0+4+1 = 14/25 \times 100 = 56$	1	1	0	2	1	

Name of the Department: *BioMedical Engineering* (2021 – 2022) Date: *19/1/2023*

Letter grade	Weightage
A	5
B	4
C	3
D	2
E	1

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \text{ ----- (1)}$$

$$C_2 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ----- (2)}$$

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 95 \times 100 \text{ ----- (3)}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 60 \times 100 \text{ ----- (4)}$$

$$C_5 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ----- (5)}$$

$$C_6 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 30 \times 100 \text{ ----- (6)}$$

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ----- (7)}$$

C_a – Number of times 'A' rating has obtained in that category

C_b – Number of times 'B' rating has obtained in that category

C_c – Number of times 'C' rating has obtained in that category

C_d – Number of times 'D' rating has obtained in that category

C_e – Number of times 'E' rating has obtained in that category

The department performance index (Absolute) P_a :

$$P_a = [(180 + 56 + 168 + 116 + 76 + 80 + 56) / 10] = 73.2$$

$$P_a = [(C_1 \times 2) + (C_2 \times 1) + (C_3 \times 2) + (C_4 \times 2) + (C_5 \times 1) + (C_6 \times 1) + (C_7 \times 1)] / 10$$

The department performance index (Relative) P_r : *87.1*

$$P_r = P_a / \text{Max} (P_a)$$

Observations of the Academic Audit Committee Members

- * Curricular Aspects, Teaching Learning Process, Student Support and Progression are Excellent and Monumental.
- * Use of ICT is Good and can be improved.
- * Feedback, Research, Consultancy and Extension Activities, Governance and Leadership are indigent and need to be improved.

Name of the Department: *Bio Medical Engineering* (2021 – 2022) Date: *19/1/2023*

Overall Observations

1. Motivate Faculty to undergo research related activities.
2. Use online learning resources such as NPTEL to train the students.
3. Conduct professional development training programme for Teaching and non teaching staff members.


Dr. J.P. Jayan

Name & Signature


13/1/23

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Director IQAC
Noorul Islam Centre for Higher Education
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Tamil Nadu.


13/1/23
Prof. Dr. A. Shajin Nargunam, M.E., Ph.D.,
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NOORUL ISLAM CENTRE FOR HIGHER EDUCATION, KUMARACOIL

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ACADEMIC ASSESSMENT AUDIT

Name of the Department: Civil Engineering. (2021 – 2022) Date: 20/1/23

Sl.No	Description	Five Point Scale				
		A	B	C	D	E
I	CURRICULAR ASPECTS					
1	Lecture Plan		/			
2	Lab Plan		/			
3	Incorporation of BOS Meetings Recommendations	/				
4	New Electives Introduced	/				
5	Class Committee		/			
6	Programme Committee		/			
7	Academic - Course Registration	/				
8	Intramural - Course Registration	/				
9	Extension Activities				/	
10	Lab Manual		/			
	$20 + 20 + 0 + 2 + 0 = 42/50 \times 100 = 84$	4	5	0	1	0
	$C1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100$					
II	FEEDBACK	A	B	C	D	E
1	Student feedback about faculty	/				
2	Feedback from Student regarding curriculum	/				
3	Feedback from Staff regarding curriculum		/			
4	Feedback from Alumni regarding curriculum		/			
5	Feedback from Experts (Academic / Industry) student regarding curriculum			/		
	$10 + 8 + 3 + 0 + 0 = 21/25 \times 100 = 84$	2	2	1	0	0
III	TEACHING LEARNING PROCESS	A	B	C	D	E
1	Remedial course details		/			
2	Slow learner details		/			
3	Student participation in Seminar / Conference / Symposium				/	
4	Seminar / Workshop / Training Programme organized	/				
5	Technical Symposium organized				/	
6	Invited Experts / Eminent Professor / Guest Lecture / Scientist details	/				
7	Project Work details	/				
8	Student Publications				/	
9	Faculty Training Programme				/	
10	Faculty participation in Seminar / Conference				/	
11	Industrial visit / NSS / Annual Sports Meet participation	/				
12	Internship Training details	/				
13	Syllabus coverage details	/				
14	Lab coverage details	/				
15	Course Attainment		/			

Name of the Department: Civil Engineering (2021 - 2022) Date: 20/1/22

16	Internal Assessment details	/					
17	Series Test Marks and Analysis	/					
18	End Semester details, Result Analysis and Rank list	/					
19	Student Arrear details	/					
	$55 + 12 + 0 + 10 + 0 = 77/95 \times 100 = 81$	11	3	0	5	0	
IV	RESEARCH, CONSULTANCY AND EXTENSION ACTIVITIES	A	B	C	D	E	
1	National and International conferences organized				/		
2	Patents registered		/				
3	Patents published		/				
4	On-going Research Project details					/	
5	Research Projects completed and grants received				/		
6	Faculty publications (SCI / Web of Science / Scopus)			/			
7	Faculty h-index			/			
8	Faculty i10-index			/			
9	Book Chapter details					/	
10	Research Awards received by faculty and students					/	
11	Consultancy Services provided and funds received	/					
12	Promotion of Industry Institute Interaction and R & D		/				
	$5 + 12 + 0 + 2 + 4 = 32/60 \times 100 = 53$	1	3	3	1	4	
V	EFFECTIVE USE OF ICT	A	B	C	D	E	
1	PPT prepared by faculty	/					
2	Smart Room usage register	/					
3	Industry Tie-up programmes	/					
4	Learning Materials provided			/			
5	Other Interactive materials prepared / used, NPTEL course content used					/	
	$15 + 0 + 3 + 0 + 1 = 19/25 \times 100 = 76$	3	0	1	0	1	
VI	STUDENT SUPPORT AND PROGRESSION	A	B	C	D	E	
1	Mentorship details	/					
2	Alumni Interaction programme conducted	/					
3	Question Bank		/				
4	Placement details			/			
5	Student Counselling details	/					
6	Student Membership details IEEE, IET, ISTE, CSI, NCSSS and other professional bodies			/			
	$15 + 4 + 6 + 0 + 0 = 25/30 \times 100 = 83$	3	1	2	0	0	
VII	GOVERNANCE AND LEADERSHIP	A	B	C	D	E	
1	Faculty Awards					/	
2	Industry Academic Collaborations	/					
3	Faculty Ph.D details	/					
4	Parent Teacher Meeting details				/		
5	Training Programme organized for Professional Development of Teaching / Non-Teaching staff					/	
	$10 + 0 + 0 + 2 + 2 = 14/25 \times 100 = 56$	2	0	0	1	2	

Name of the Department: *civil Engineering*

(2021 – 2022) Date: *20.1.23*

Letter grade	Weightage
A	5
B	4
C	3
D	2
E	1

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \text{ ----- (1)}$$

$$C_2 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ----- (2)}$$

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 95 \times 100 \text{ ----- (3)}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 60 \times 100 \text{ ----- (4)}$$

$$C_5 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ----- (5)}$$

$$C_6 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 30 \times 100 \text{ ----- (6)}$$

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ----- (7)}$$

C_a – Number of times 'A' rating has obtained in that category

C_b – Number of times 'B' rating has obtained in that category

C_c – Number of times 'C' rating has obtained in that category

C_d – Number of times 'D' rating has obtained in that category

C_e – Number of times 'E' rating has obtained in that category

The department performance index (Absolute) P_a :

$$P_a = [(168 + 84 + 162 + 106 + 76 + 83 + 56) / 10] = 73.5$$

$$P_a = [(C_1 \times 2) + (C_2 \times 1) + (C_3 \times 2) + (C_4 \times 2) + (C_5 \times 1) + (C_6 \times 1) + (C_7 \times 1)] / 10$$

The department performance index (Relative) P_r : *87.4*

$$P_r = P_a / \text{Max } (P_a)$$

Observations of the Academic Audit Committee Members

- * Curricular Aspects, Feedback, Teaching Learning Process, Student Support and Progression are Excellent and Monumental.
- * Use of ICT is Good, can be improved.
- * Special care should be given in Research, Consultancy and Extension Activities, Governance and Leadership.

Name of the Department: *Civil Engineering*

(2021 - 2022) Date: *20/1/2023*

Overall Observations

1. Motivate the Faculty staff members to register for research related projects.
2. Use online learning resources such as NPTEL to train the students and motivate the faculties to prepare interactive materials for teaching.
3. Conduct training programmes for professional development of Teaching and Non-Teaching staff members.

Name & Signature

J.P. Jayan

J.P. Jayan
27/2/23

Dr. J.P. Jayan
Director IQAC

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A. Shajin Nargunam
13/3/23

Prof. Dr. A. Shajin Nargunam, M.E., Ph.D.,
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NOORUL ISLAM CENTRE FOR HIGHER EDUCATION, KUMARACOIL

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ACADEMIC ASSESSMENT AUDIT

Name of the Department: Computer Science & Engineering (2021 – 2022) Date: 20/1/23

Sl.No	Description	Five Point Scale				
		5	4	3	2	1
I	CURRICULAR ASPECTS	A	B	C	D	E
1	Lecture Plan	/				
2	Lab Plan	/				
3	Incorporation of BOS Meetings Recommendations	/				
4	New Electives Introduced	/				
5	Class Committee		/			
6	Programme Committee		/			
7	Academic - Course Registration	/				
8	Intramural - Course Registration	/				
9	Extension Activities				/	
10	Lab Manual	/				
	$45/50 \times 100 = 90$	7	2	0	1	0
	$CI = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100$					
II	FEEDBACK	A	B	C	D	E
1	Student feedback about faculty	/				
2	Feedback from Student regarding curriculum		/			
3	Feedback from Staff regarding curriculum		/			
4	Feedback from Alumni regarding curriculum		/			
5	Feedback from Experts (Academic / Industry) student regarding curriculum			/		
	$5 \times 12 + 3 + 0 + 0 = 20$ $25 \times 100 = 80$	1	3	1	0	0
III	TEACHING LEARNING PROCESS	A	B	C	D	E
1	Remedial course details	/				
2	Slow learner details	/				
3	Student participation in Seminar / Conference / Symposium	/				
4	Seminar / Workshop / Training Programme organized	/				
5	Technical Symposium organized			/		
6	Invited Experts / Eminent Professor / Guest Lecture / Scientist details	/				
7	Project Work details	/				
8	Student Publications	/				
9	Faculty Training Programme	/				
10	Faculty participation in Seminar / Conference	/				
11	Industrial visit / NSS / Annual Sports Meet participation			/		
12	Internship Training details	/				
13	Syllabus coverage details	/				
14	Lab coverage details	/				
15	Course Attainment		/			

Name of the Department: Computer Science & Engineering (2021 - 2022) Date: 20/11/23

16	Internal Assessment details	/					
17	Series Test Marks and Analysis	/					
18	End Semester details, Result Analysis and Rank list	/					
19	Student Arrear details		/				
	$75+8+6+0+0 = 89/95 \times 100 = 93.68$	15	2	2	0	0	
IV	RESEARCH, CONSULTANCY AND EXTENSION ACTIVITIES	A	B	C	D	E	
1	National and International conferences organized	/	/				
2	Patents registered	/					
3	Patents published	/					/
4	On-going Research Project details						/
5	Research Projects completed and grants received	/					
6	Faculty publications (SCI / Web of Science / Scopus)	/					
7	Faculty h-index	/					
8	Faculty i10-index	/					
9	Book Chapter details		/				
10	Research Awards received by faculty and students		/				
11	Consultancy Services provided and funds received				/		
12	Promotion of Industry Institute Interaction and R & D		/				
	$25+16+0+2+2 = 45/60 \times 100 = 75$	5	4	0	1	2	
V	EFFECTIVE USE OF ICT	A	B	C	D	E	
1	PPT prepared by faculty	/					
2	Smart Room usage register	/					
3	Industry Tie-up programmes		/				
4	Learning Materials provided	/					
5	Other Interactive materials prepared / used, NPTEL course content used						/
	$15+9+10+0+1 = 35/45 \times 100 = 77.78$	3	1	0	0	1	
VI	STUDENT SUPPORT AND PROGRESSION	A	B	C	D	E	
1	Mentorship details	/					
2	Alumni Interaction programme conducted	/					
3	Question Bank	/					
4	Placement details		/				
5	Student Counselling details		/				
6	Student Membership details IEEE, IET, ISTE, CSI, NCSSS and other professional bodies				/		
	$15+8+10+2+0 = 35/40 \times 100 = 87.5$	3	2	0	1	0	
VII	GOVERNANCE AND LEADERSHIP	A	B	C	D	E	
1	Faculty Awards	/					
2	Industry Academic Collaborations		/				
3	Faculty Ph.D details	/					
4	Parent Teacher Meeting details				/		
5	Training Programme organized for Professional Development of Teaching / Non-Teaching staff		/				
	$10+8+0+2+0 = 20/25 \times 100 = 80$	2	2	0	1	0	

Name of the Department: *Computer Science & Engineering* (2021 – 2022) Date: *20/1/23*

Letter grade	Weightage
A	5
B	4
C	3
D	2
E	1

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \text{ ----- (1)}$$

$$C_2 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ----- (2)}$$

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 95 \times 100 \text{ ----- (3)}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 60 \times 100 \text{ ----- (4)}$$

$$C_5 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ----- (5)}$$

$$C_6 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 30 \times 100 \text{ ----- (6)}$$

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ----- (7)}$$

C_a – Number of times 'A' rating has obtained in that category

C_b – Number of times 'B' rating has obtained in that category

C_c – Number of times 'C' rating has obtained in that category

C_d – Number of times 'D' rating has obtained in that category

C_e – Number of times 'E' rating has obtained in that category

The department performance index (Absolute) P_a :

$$P_a = [(C_1 \times 2) + (C_2 \times 1) + (C_3 \times 2) + (C_4 \times 2) + (C_5 \times 1) + (C_6 \times 1) + (C_7 \times 1)] / 10$$

$$(180 + 80 + 187.36 + 150 + 80 + 83 + 80) / 10 = 84.036$$

The department performance index (Relative) P_r : *100*

$$P_r = P_a / \text{Max } (P_a) = 84.036 / 84.036$$

Observations of the Academic Audit Committee Members

- * Curricular Aspects, Feedback, Teaching Learning Process, Use of ICT, Student Support and Progression, Governance and Leadership are Excellent and Monumental.
- * Research, Consultancy and Extension Activities are Good and can be improved.

Name of the Department: *Computer Science & Engineering* (2021 – 2022) Date: *20/1/2023*

Overall Observations

1. Research, Consultancy and Extension activities has to be improved.
2. Motivate the Faculty members to apply for Research related projects.
3. Use of NPTEL course contents are less and need to be improved.



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Name & Signature



Dr. J.P. Jayan

Director IQAC

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Prof. Dr. A. Shajin Nargunam, M.E., Ph.D.,
Director-Academic Affairs
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NOORUL ISLAM CENTRE FOR HIGHER EDUCATION, KUMARACOIL

(Declared as Deemed-to-be-University under section 3 of the UGC Act 1956)

ACADEMIC ASSESSMENT AUDIT

Name of the Department: **EEE**

(2021 – 2022) Date: **21/1/22**

Sl.No	Description	Five Point Scale				
I	CURRICULAR ASPECTS	A	B	C	D	E
1	Lecture Plan	/				
2	Lab Plan	/				
3	Incorporation of BOS Meetings Recommendations	/				
4	New Electives Introduced	/				
5	Class Committee		/			
6	Programme Committee		/			
7	Academic - Course Registration	/				
8	Intramural - Course Registration	/				
9	Extension Activities			/		
10	Lab Manual		/			
	$30 + 12 + 3 + 0 + 0 = 45 / 50 \times 100 = 90$	6	3	1	0	0
	$CI = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100$	7				
II	FEEDBACK	A	B	C	D	E
1	Student feedback about faculty <i>Even Sem. nity.</i>			/		
2	Feedback from Student regarding curriculum			/		
3	Feedback from Staff regarding curriculum			/		
4	Feedback from Alumni regarding curriculum			/		
5	Feedback from Experts (Academic / Industry) student regarding curriculum			/		
	$0 + 0 + 15 + 0 + 0 = 15 / 25 \times 100 = 60$	0	0	5	0	0
III	TEACHING LEARNING PROCESS	A	B	C	D	E
1	Remedial course details			/		
2	Slow learner details			/		
3	Student participation in Seminar / Conference / Symposium			/		
4	Seminar / Workshop / Training Programme organized		/			
5	Technical Symposium organized		/			
6	Invited Experts / Eminent Professor / Guest Lecture / Scientist details	/				
7	Project Work details <i>(Detailed list)</i>		/			
8	Student Publications				/	
9	Faculty Training Programme				/	
10	Faculty participation in Seminar / Conference				/	
11	Industrial visit / NSS / Annual Sports Meet participation					/
12	Internship Training details			/		
13	Syllabus coverage details	/				
14	Lab coverage details	/				
15	Course Attainment	/				

(2021 - 2022) Date: 21/1/22

Name of the Department: FEE

16	Internal Assessment details	/				
17	Series Test Marks and Analysis	/				
18	End Semester details, Result Analysis and Rank list	/				
19	Student Arrear details		/			
	$35 + 16 + 12 + 6 + 1 = 70 / 95 \times 100 = 74$	7	4	4	3	1
IV	RESEARCH, CONSULTANCY AND EXTENSION ACTIVITIES	A	B	C	D	E
1	National and International conferences organized	/				/
2	Patents registered	/				
3	Patents published	/				/
4	On-going Research Project details					/
5	Research Projects completed and grants received					/
6	Faculty publications (SCI / Web of Science / Scopus)	/				
7	Faculty h-index	/				
8	Faculty i10-index	/				
9	Book Chapter details	/				
10	Research Awards received by faculty and students				/	/
11	Consultancy Services provided and funds received				/	
12	Promotion of Industry Institute Interaction and R & D				/	
	$30 + 0 + 0 + 4 + 4 = 38 / 60 \times 100 = 63$	6	0	0	2	4
V	EFFECTIVE USE OF ICT	A	B	C	D	E
1	PPT prepared by faculty	/				
2	Smart Room usage register	/			/	
3	Industry Tie-up programmes	/				
4	Learning Materials provided	/				
5	Other Interactive materials prepared / used, NPTEL course content used					/
	$15 + 0 + 0 + 2 + 1 = 18 / 25 \times 100 = 72$	3	0	0	1	1
VI	STUDENT SUPPORT AND PROGRESSION	A	B	C	D	E
1	Mentorship details	/			/	
2	Alumni Interaction programme conducted		/			
3	Question Bank		/			
4	Placement details		/			
5	Student Counselling details					/
6	Student Membership details IEEE, IET, ISTE, CSI, NCSSS and other professional bodies					/
	$5 + 12 + 0 + 2 + 1 = 20 / 30 \times 100 = 67$	1	3	0	1	1
VII	GOVERNANCE AND LEADERSHIP	A	B	C	D	E
1	Faculty Awards				/	
2	Industry Academic Collaborations	/				/
3	Faculty Ph.D details	/				/
4	Parent Teacher Meeting details					/
5	Training Programme organized for Professional Development of Teaching / Non-Teaching staff					/
	$5 + 0 + 0 + 2 + 3 = 10 / 25 \times 100 = 40$	1	0	0	1	3

Name of the Department: *EEE*

(2021 - 2022) Date: *21/1/22*

Letter grade	Weightage
A	5
B	4
C	3
D	2
E	1

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \text{ ----- (1)}$$

$$C_2 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ----- (2)}$$

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 95 \times 100 \text{ ----- (3)}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 60 \times 100 \text{ ----- (4)}$$

$$C_5 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ----- (5)}$$

$$C_6 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 30 \times 100 \text{ ----- (6)}$$

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ----- (7)}$$

C_a - Number of times 'A' rating has obtained in that category

C_b - Number of times 'B' rating has obtained in that category

C_c - Number of times 'C' rating has obtained in that category

C_d - Number of times 'D' rating has obtained in that category

C_e - Number of times 'E' rating has obtained in that category

The department performance index (Absolute) P_a :

$$P_a = [(C_1 \times 2) + (C_2 \times 1) + (C_3 \times 2) + (C_4 \times 2) + (C_5 \times 1) + (C_6 \times 1) + (C_7 \times 1)] / 10 = \frac{(180 + 60 + 148 + 126 + 72 + 67 + 40)}{10} = 69.3$$

The department performance index (Relative) P_r : *82.46*

$$P_r = P_a / \text{Max } (P_a)$$

Observations of the Academic Audit Committee Members

- * Curricular Aspects are Excellent.
- * Feedback, Teaching Learning Process, Research, Consultancy and Extension Activities, Use of ICT, Students Support and Progression are Good and can be improved.
- * Governance and Leadership is indigent and should be improved.

Overall Observations

1. Conferences has to be organized more in numbers at the department level.
2. More importance has to be given for research projects.
3. Insist the Faculty members to participate in research related activities.
4. Use of online course content like NPTEL is very less & need to be improved.
5. Motivate the students to take membership in professional


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Name & Signature


21/1/23

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bodies like IEEE, CSI, ISTE, etc.,

6. Conduct Parent-Teachers meeting to inform the status about the students.
7. Industry Collaboration has to be improved as it is very poor.


13/1/23
Prof. Dr. A. Shajin Nargunam, M.E., Ph.D.,
Director-Academic Affairs
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ACADEMIC ASSESSMENT AUDIT

Name of the Department: PC

(2021 – 2022) Date: 24/1/22

Sl.No	Description	Five Point Scale				
I	CURRICULAR ASPECTS	A	B	C	D	E
1	Lecture Plan	/				
2	Lab Plan	/				
3	Incorporation of BOS Meetings Recommendations	/				
4	New Electives Introduced	/				
5	Class Committee		/			
6	Programme Committee		/			
7	Academic - Course Registration	/				
8	Intramural - Course Registration	/				
9	Extension Activities					/
10	Lab Manual		/			
	$20 + 12 + 6 + 10 + 1 = 39 / 50 \times 100 = 78$	4	3	2	0	1
	$C1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100$					
II	FEEDBACK	A	B	C	D	E
1	Student feedback about faculty	/				
2	Feedback from Student regarding curriculum	/				
3	Feedback from Staff regarding curriculum	/				
4	Feedback from Alumni regarding curriculum	/				
5	Feedback from Experts (Academic / Industry) student regarding curriculum			/		
	$15 + 4 + 3 + 0 + 0 = 22 / 25 \times 100 = 88$	3	1	1	0	0
III	TEACHING LEARNING PROCESS	A	B	C	D	E
1	Remedial course details	/				
2	Slow learner details	/				
3	Student participation in Seminar / Conference / Symposium				/	
4	Seminar / Workshop / Training Programme organized				/	
5	Technical Symposium organized				/	
6	Invited Experts / Eminent Professor / Guest Lecture / Scientist details		/			
7	Project Work details	/				
8	Student Publications				/	
9	Faculty Training Programme				/	
10	Faculty participation in Seminar / Conference			/		
11	Industrial visit / NSS / Annual Sports Meet participation			/		
12	Internship Training details				/	
13	Syllabus coverage details	/				
14	Lab coverage details	/				
15	Course Attainment	/				

Name of the Department: ECE(2021 - 2022) Date: 24/01/22

16	Internal Assessment details	/				
17	Series Test Marks and Analysis	/	/			
18	End Semester details, Result Analysis and Rank list	/				
19	Student Arrear details	/				
	$35+16+3+10+1 = 65/100 = 65$	7	4	1	5	1
IV	RESEARCH, CONSULTANCY AND EXTENSION ACTIVITIES	A	B	C	D	E
1	National and International conferences organized					/
2	Patents registered				/	
3	Patents published				/	
4	On-going Research Project details					/
5	Research Projects completed and grants received					/
6	Faculty publications (SCI / Web of Science / Scopus)		/			
7	Faculty h-index		/			
8	Faculty i10-index		/			
9	Book Chapter details		/			
10	Research Awards received by faculty and students				/	
11	Consultancy Services provided and funds received					/
12	Promotion of Industry Institute Interaction and R & D			/		
	$0+16+3+6+4 = 29/60 \times 100 = 48$	0	4	1	3	4
V	EFFECTIVE USE OF ICT	A	B	C	D	E
1	PPT prepared by faculty	/				
2	Smart Room usage register	/				
3	Industry Tie-up programmes				/	
4	Learning Materials provided		/			
5	Other Interactive materials prepared / used, NPTEL course content used		/			
	$10+8+10+2+0 = 30/37.5 \times 100 = 80$	2	2	0	1	0
VI	STUDENT SUPPORT AND PROGRESSION	A	B	C	D	E
1	Mentorship details	/				
2	Alumni Interaction programme conducted	/	/			
3	Question Bank	/				
4	Placement details				/	
5	Student Counselling details		/			
6	Student Membership details IEEE, IET, ISTE, CSI, NCSSS and other professional bodies		/			
	$10+12+10+2+0 = 34/42.5 \times 100 = 80$	2	3	0	1	0
VII	GOVERNANCE AND LEADERSHIP	A	B	C	D	E
1	Faculty Awards					/
2	Industry Academic Collaborations				/	
3	Faculty Ph.D details		/			
4	Parent Teacher Meeting details					/
5	Training Programme organized for Professional Development of Teaching / Non-Teaching staff					/
	$0+4+0+2+3 = 9/25 \times 100 = 36$	0	1	0	1	3

Name of the Department: ECE

(2021 – 2022) Date: 24.1.23

Letter grade	Weightage
A	5
B	4
C	3
D	2
E	1

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \text{ ---- (1)}$$

$$C_2 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (2)}$$

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 95 \times 100 \text{ ---- (3)}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 60 \times 100 \text{ ---- (4)}$$

$$C_5 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (5)}$$

$$C_6 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 30 \times 100 \text{ ---- (6)}$$

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (7)}$$

C_a – Number of times ‘A’ rating has obtained in that category

C_b – Number of times ‘B’ rating has obtained in that category

C_c – Number of times ‘C’ rating has obtained in that category

C_d – Number of times ‘D’ rating has obtained in that category

C_e – Number of times ‘E’ rating has obtained in that category

The department performance index (Absolute) P_a :

$$P_a = [(C_1 \times 2) + (C_2 \times 1) + (C_3 \times 2) + (C_4 \times 2) + (C_5 \times 1) + (C_6 \times 1) + (C_7 \times 1)] / 10$$

(156 + 88 + 96 + 80 + 80 + 36) / 10 = 67.2

The department performance index (Relative) P_r : 79.96

$$P_r = P_a / \text{Max } (P_a)$$

Observations of the Academic Audit Committee Members

- * Feedback, Use of ICT, Student Support and Progression are Excellent
- * Curricular Aspects, Teaching Learning Process are Good and can be improved.
- * Special care should given in Research, Consultancy and Extension Activities, Governance and Leadership.

Name of the Department: FCE

(2021 – 2022) Date: 24/1/2023

Overall Observations

1. Organizing Seminar's, Conferences is very poor and needs improvement.
2. Motivate the Faculty Members to participate in research related activities.
3. Consultancy services is poor and needs improvement.
4. Parent Teacher meeting has to be conducted inorder to show the status of the students.
5. Professional Development training has to be organized for


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Name & Signature


27/1/23

Dr. J.P. Jayan
Director IQAC
Noorul Islam Centre for Higher Education
Kumaracoil - 629180, Kanyakumari District,
Tamil Nadu.

Teaching and Non-Teaching staff members.


13/1/23

Prof. Dr. A. Shajin Murgunam, M.E., Ph.D.,
Director-Academic Affairs
Noorul Islam Centre for Higher Education
Kumaracoil, Thuckalay.

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ACADEMIC ASSESSMENT AUDIT

Name of the Department: **FIE**

(2021 – 2022) Date: **27/1/23**

Sl.No	Description	Five Point Scale				
I	CURRICULAR ASPECTS	A	B	C	D	E
1	Lecture Plan	/				
2	Lab Plan	/				
3	Incorporation of BOS Meetings Recommendations	/				
4	New Electives Introduced	/				
5	Class Committee	/				
6	Programme Committee	/				
7	Academic - Course Registration	/				
8	Intramural - Course Registration	/				
9	Extension Activities			/		
10	Lab Manual		/			
	$40+4+3+0+0=47/50 \times 100 = 94$	8	1	1	0	0
	$CI=(C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100$					
II	FEEDBACK	A	B	C	D	E
1	Student feedback about faculty		/			
2	Feedback from Student regarding curriculum		/			
3	Feedback from Staff regarding curriculum		/			
4	Feedback from Alumni regarding curriculum		/			
5	Feedback from Experts (Academic / Industry) student regarding curriculum		/			
	$0+20+0+0+0=20/25 \times 100 = 80$	0	5	0	0	0
III	TEACHING LEARNING PROCESS	A	B	C	D	E
1	Remedial course details		/			
2	Slow learner details		/			
3	Student participation in Seminar / Conference / Symposium	/				
4	Seminar / Workshop / Training Programme organized		/			
5	Technical Symposium organized				/	
6	Invited Experts / Eminent Professor / Guest Lecture / Scientist details		/			
7	Project Work details		/			
8	Student Publications		/			
9	Faculty Training Programme	/				
10	Faculty participation in Seminar / Conference	/				
11	Industrial visit / NSS / Annual Sports Meet participation		/			
12	Internship Training details	/				
13	Syllabus coverage details	/				
14	Lab coverage details		/			
15	Course Attainment		/			

Name of the Department: EIE

(2021 - 2022) Date: 29/1/23

16	Internal Assessment details	/					
17	Series Test Marks and Analysis	/					
18	End Semester details, Result Analysis and Rank list	/					
19	Student Arrear details	/					
	$45+36+0+2+0 = 83/95 \times 100 = 87$	9	9	0	1	0	
IV	RESEARCH, CONSULTANCY AND EXTENSION ACTIVITIES	A	B	C	D	E	
1	National and International conferences organized				/		/
2	Patents registered				/		
3	Patents published						/
4	On-going Research Project details						/
5	Research Projects completed and grants received						
6	Faculty publications (SCI / Web of Science / Scopus)	/					
7	Faculty h-index	/					
8	Faculty i10-index	/					
9	Book Chapter details				/		
10	Research Awards received by faculty and students	/					/
11	Consultancy Services provided and funds received				/		
12	Promotion of Industry Institute Interaction and R & D				/		
	$20+0+0+8+4 = 32/60 \times 100 = 53$	4	0	0	4	4	
V	EFFECTIVE USE OF ICT	A	B	C	D	E	
1	PPT prepared by faculty	/					
2	Smart Room usage register				/		
3	Industry Tie-up programmes			/			
4	Learning Materials provided			/			
5	Other Interactive materials prepared / used, NPTEL course content used			/			
	$5+0+9+2+0 = 16/25 \times 100 = 64$	1	0	3	1	0	
VI	STUDENT SUPPORT AND PROGRESSION	A	B	C	D	E	
1	Mentorship details	/					
2	Alumni Interaction programme conducted	/					
3	Question Bank	/					
4	Placement details		/				
5	Student Counselling details		/				
6	Student Membership details IEEE, IET, ISTE, CSI, NCSSS and other professional bodies						/
	$15+8+0+0+1 = 23/30 \times 100 = 77$	3	2	0	0	1	
VII	GOVERNANCE AND LEADERSHIP	A	B	C	D	E	
1	Faculty Awards			/			/
2	Industry Academic Collaborations	/					
3	Faculty Ph.D details				/		
4	Parent Teacher Meeting details				/		
5	Training Programme organized for Professional Development of Teaching / Non-Teaching staff				/		
	$5+0+3+4+1 = 13/25 \times 100 = 52$	1	0	1	2	1	

Name of the Department: ECE

(2021 – 2022) Date: 27/1/22

Letter grade	Weightage
A	5
B	4
C	3
D	2
E	1

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \text{ ----- (1)}$$

$$C_2 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ----- (2)}$$

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 95 \times 100 \text{ ----- (3)}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 60 \times 100 \text{ ----- (4)}$$

$$C_5 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ----- (5)}$$

$$C_6 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 30 \times 100 \text{ ----- (6)}$$

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ----- (7)}$$

C_a – Number of times 'A' rating has obtained in that category

C_b – Number of times 'B' rating has obtained in that category

C_c – Number of times 'C' rating has obtained in that category

C_d – Number of times 'D' rating has obtained in that category

C_e – Number of times 'E' rating has obtained in that category

The department performance index (Absolute) P_a :

$$P_a = [(188 + 80 + 174 + 106 + 64 + 71 + 52) / 10] = 74.1$$

$$P_a = [(C_1 \times 2) + (C_2 \times 1) + (C_3 \times 2) + (C_4 \times 2) + (C_5 \times 1) + (C_6 \times 1) + (C_7 \times 1)] / 10$$

The department performance index (Relative) P_r : 88.17

$$P_r = P_a / \text{Max } (P_a)$$

Observations of the Academic Audit Committee Members

- * Curricular Aspects, Feedback, Teaching Learning Process are Excellent and Monumental.
- * Use of ICT, Student Support and Progression are Good and can be improved.
- * Special care should be given in Research, Consultancy and Extension Activities, Governance and Leadership.

Name of the Department: ECE

(2021 - 2022) Date: 22/11/23

Overall Observations

1. Organize conferences at the department level as it is poor.
2. Consultancy Services is poor and needs improvement.
3. Faculty members has to be motivated to participate in the research related activities and to undergo research projects.
4. Insist the students to register for memberships at like IEEE, IET, ISTE, etc,
5. Try to improve the industry collaboration at the department level.


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Name & Signature


22/12/23

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Noorul Islam Centre for Higher Education
Kumaracoil - 629180, Kanyakumari District,
Tamil Nadu.


13/12/23

Prof. Dr. A. Shajin Nargunam, M.E., Ph.D.,
Director-Academic Affairs
Noorul Islam Centre for Higher Education
Kumaracoil, Thuckalay.

NOORUL ISLAM CENTRE FOR HIGHER EDUCATION, KUMARACOIL

(Declared as Deemed-to-be-University under section 3 of the UGC Act 1956)

ACADEMIC ASSESSMENT AUDIT

Name of the Department: **FTS E**

(2021 – 2022) Date: **25/01/23**

Sl.No	Description	Five Point Scale				
I	CURRICULAR ASPECTS	A	B	C	D	E
1	Lecture Plan	/				
2	Lab Plan	/				
3	Incorporation of BOS Meetings Recommendations	/				
4	New Electives Introduced	/				
5	Class Committee		/			
6	Programme Committee		/			
7	Academic - Course Registration	/				
8	Intramural - Course Registration	/				
9	Extension Activities	/				
10	Lab Manual		/			
	35+12+0+0+0=47/50 x 100 = 94	7	3	0	0	0
	CI=(C_a x 5 + C_b x 4 + C_c x 3 + C_d x 2 + C_e x 1) / 50 x 100					
II	FEEDBACK	A	B	C	D	E
1	Student feedback about faculty	/				
2	Feedback from Student regarding curriculum		/			
3	Feedback from Staff regarding curriculum		/			
4	Feedback from Alumni regarding curriculum		/			
5	Feedback from Experts (Academic / Industry) student regarding curriculum		/			
	5+16+0+0+0=21/25 x 100 = 84	1	4	0	0	0
III	TEACHING LEARNING PROCESS	A	B	C	D	E
1	Remedial course details		/			
2	Slow learner details		/			
3	Student participation in Seminar / Conference / Symposium				/	
4	Seminar / Workshop / Training Programme organized		/			
5	Technical Symposium organized		/			
6	Invited Experts / Eminent Professor / Guest Lecture / Scientist details		/			
7	Project Work details	/				
8	Student Publications				/	
9	Faculty Training Programme				/	
10	Faculty participation in Seminar / Conference	/				
11	Industrial visit / NSS / Annual Sports Meet participation	/				
12	Internship Training details	/				
13	Syllabus coverage details	/				
14	Lab coverage details	/				
15	Course Attainment	/				

Name of the Department: **7T8E**

(2021 – 2022) Date: **25/1/23**

16	Internal Assessment details	/				
17	Series Test Marks and Analysis	/				
18	End Semester details, Result Analysis and Rank list	/				
19	Student Arrear details	/				
	$50+24+0+6+0 = 80/95 \times 100 = 87$	10	6	0	3	0
IV	RESEARCH, CONSULTANCY AND EXTENSION ACTIVITIES	A	B	C	D	E
1	National and International conferences organized					/
2	Patents registered					/
3	Patents published					/
4	On-going Research Project details					/
5	Research Projects completed and grants received					/
6	Faculty publications (SCI / Web of Science / Scopus)	/	/			
7	Faculty h-index		/			
8	Faculty i10-index		/			
9	Book Chapter details					/
10	Research Awards received by faculty and students					/
11	Consultancy Services provided and funds received					/
12	Promotion of Industry Institute Interaction and R & D					/
	$5+8+0+0+9 = 22/60 \times 100 = 36$	1	2	0	0	9
V	EFFECTIVE USE OF ICT	A	B	C	D	E
1	PPT prepared by faculty	/				
2	Smart Room usage register	/				
3	Industry Tie-up programmes			/		
4	Learning Materials provided	/				
5	Other Interactive materials prepared / used, NPTEL course content used			/		
	$15+0+6+0+0 = 21/25 \times 100 = 84$	3	0	2	0	0
VI	STUDENT SUPPORT AND PROGRESSION	A	B	C	D	E
1	Mentorship details	/				
2	Alumni Interaction programme conducted			/		
3	Question Bank	/				
4	Placement details			/		
5	Student Counselling details		/			
6	Student Membership details IEEE, IET, ISTE, CSI, NCSSS and other professional bodies					/
	$10+4+6+0+1 = 21/30 \times 100 = 70$	2	1	2	0	1
VII	GOVERNANCE AND LEADERSHIP	A	B	C	D	E
1	Faculty Awards					/
2	Industry Academic Collaborations			/		
3	Faculty Ph.D details					/
4	Parent Teacher Meeting details					/
5	Training Programme organized for Professional Development of Teaching / Non-Teaching staff					/
	$0+0+3+0+4 = 7/25 \times 100 = 28$	0	0	1	0	4

Name of the Department: **7TSE**

(2021 – 2022) Date: **25/1/23**

Letter grade	Weightage
A	5
B	4
C	3
D	2
E	1

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \text{ ---- (1)}$$

$$C_2 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (2)}$$

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 95 \times 100 \text{ ---- (3)}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 60 \times 100 \text{ ---- (4)}$$

$$C_5 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (5)}$$

$$C_6 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 30 \times 100 \text{ ---- (6)}$$

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (7)}$$

C_a – Number of times 'A' rating has obtained in that category

C_b – Number of times 'B' rating has obtained in that category

C_c – Number of times 'C' rating has obtained in that category

C_d – Number of times 'D' rating has obtained in that category

C_e – Number of times 'E' rating has obtained in that category

The department performance index (Absolute) P_a :

$$P_a = [(188 + 84 + 174 + 72 + 84 + 70 + 28) / 10] = 70$$

The department performance index (Relative) P_r : **83.29**

$$P_r = P_a / \text{Max } (P_a)$$

Observations of the Academic Audit Committee Members

- * Curricular Aspects, Feedback, Teaching Learning Process and Use of ICT are Excellent and Monumental.
- * Student Support and Progression is Good and can be improved.
- * Special care should be given in Research, Consultancy and Extension Activities, Governance and Leadership.

Overall Observations

1. Try to organize conferences at the department level as it is very poor.
2. Motivate the Faculty Members to involve in research related activities and to register for research projects.
3. Consultancy Services has to be improved as it is very poor.
4. Motivate the Faculty Members to apply for Patents.
5. Insist the students to take memberships in professional bodies.


J. FELIX STEPHEN

Name & Signature



Dr. J.P. Jayan
Director IQAC

Noorul Islam Centre for Higher Education
Kumaracoli - 629180, Kanyakumari District,
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6. Conduct Parent-Teacher meeting to inform the status about the students.
7. Organize professional development training programme for Teaching & Non-Teaching staff members.


13/1/23
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ACADEMIC ASSESSMENT AUDIT

Name of the Department: *Informatics Technology* (2021 – 2022) Date: *23/11/23*

Sl.No	Description	Five Point Scale				
I	CURRICULAR ASPECTS	A	B	C	D	E
1	Lecture Plan	/				
2	Lab Plan	/				
3	Incorporation of BOS Meetings Recommendations	/				
4	New Electives Introduced	/				
5	Class Committee	/				
6	Programme Committee	/				
7	Academic - Course Registration	/				
8	Intramural - Course Registration	/				
9	Extension Activities					/
10	Lab Manual	/				/
	$45 + 0 + 0 + 0 + 1 = 46 / 50 \times 100 = 92$	9	0	0	0	1
	$C1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100$					
II	FEEDBACK	A	B	C	D	E
1	Student feedback about faculty	/				
2	Feedback from Student regarding curriculum		/			
3	Feedback from Staff regarding curriculum		/			
4	Feedback from Alumni regarding curriculum		/			
5	Feedback from Experts (Academic / Industry) student regarding curriculum				/	
	$5 + 1 + 2 + 0 + 2 + 0 = 19 / 25 \times 100 = 76$	1	3	0	1	0
III	TEACHING LEARNING PROCESS	A	B	C	D	E
1	Remedial course details	/				
2	Slow learner details	/				
3	Student participation in Seminar / Conference / Symposium			/		
4	Seminar / Workshop / Training Programme organized				/	
5	Technical Symposium organized				/	
6	Invited Experts / Eminent Professor / Guest Lecture / Scientist details			/		
7	Project Work details	/				
8	Student Publications				/	
9	Faculty Training Programme			/		
10	Faculty participation in Seminar / Conference				/	
11	Industrial visit / NSS / Annual Sports Meet participation			/		
12	Internship Training details			/		
13	Syllabus coverage details	/				
14	Lab coverage details	/				
15	Course Attainment	/				

Name of the Department: *Information Reliance* (2021 – 2022) Date: *23/1/23*

16	Internal Assessment details	/				
17	Series Test Marks and Analysis	/				
18	End Semester details, Result Analysis and Rank list	/				
19	Student Arrear details	/				
	$50+0+15+8+0 = 73/95 \times 100 = 77$	10	0	5	4	0
IV	RESEARCH, CONSULTANCY AND EXTENSION ACTIVITIES	A	B	C	D	E
1	National and International conferences organized			/		/
2	Patents registered			/		
3	Patents published			/		
4	On-going Research Project details					/
5	Research Projects completed and grants received					/
6	Faculty publications (SCI / Web of Science / Scopus)		/			
7	Faculty h-index			/		
8	Faculty i10-index			/		
9	Book Chapter details			/		
10	Research Awards received by faculty and students		/			
11	Consultancy Services provided and funds received					/
12	Promotion of Industry Institute Interaction and R & D					/
	$0+8+15+0+5 = 28/60 \times 100 = 47$	0	2	5	0	5
V	EFFECTIVE USE OF ICT	A	B	C	D	E
1	PPT prepared by faculty	/				
2	Smart Room usage register	/				
3	Industry Tie-up programmes					/
4	Learning Materials provided	/				
5	Other Interactive materials prepared / used, NPTEL course content used		/			
	$15+4+0+0+1 = 20/25 \times 100 = 80$	3	1	0	0	1
VI	STUDENT SUPPORT AND PROGRESSION	A	B	C	D	E
1	Mentorship details	/				
2	Alumni Interaction programme conducted	/				
3	Question Bank	/				
4	Placement details		/			
5	Student Counselling details		/			
6	Student Membership details IEEE, IET, ISTE, CSI, NCSSS and other professional bodies				/	
	$15+8+0+2+0 = 25/30 \times 100 = 83$	3	2	0	1	0
VII	GOVERNANCE AND LEADERSHIP	A	B	C	D	E
1	Faculty Awards			/		
2	Industry Academic Collaborations					/
3	Faculty Ph.D details	/				
4	Parent Teacher Meeting details					/
5	Training Programme organized for Professional Development of Teaching / Non-Teaching staff		/			
	$5+4+3+0+2 = 14/25 \times 100 = 56$	1	1	1	0	2

Name of the Department: *Information Technology* (2021 - 2022) Date: *23/1/22*

Letter grade	Weightage
A	5
B	4
C	3
D	2
E	1

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \text{ ----- (1)}$$

$$C_2 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ----- (2)}$$

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 95 \times 100 \text{ ----- (3)}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 60 \times 100 \text{ ----- (4)}$$

$$C_5 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ----- (5)}$$

$$C_6 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 30 \times 100 \text{ ----- (6)}$$

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ----- (7)}$$

C_a - Number of times 'A' rating has obtained in that category

C_b - Number of times 'B' rating has obtained in that category

C_c - Number of times 'C' rating has obtained in that category

C_d - Number of times 'D' rating has obtained in that category

C_e - Number of times 'E' rating has obtained in that category

The department performance index (Absolute) P_a :

$$P_a = [(184 + 76 + 157 + 94 + 80 + 83 + 56) / 10] = 72.7$$

$$P_a = [(C_1 \times 2) + (C_2 \times 1) + (C_3 \times 2) + (C_4 \times 2) + (C_5 \times 1) + (C_6 \times 1) + (C_7 \times 1)] / 10$$

The department performance index (Relative) P_r : *86.5*

$$P_r = P_a / \text{Max } (P_a)$$

Observations of the Academic Audit Committee Members

- * Curricular Aspects, Use of ICT, Student Support and Progression are Excellent.
- * Teaching Learning Process is Good and can be improved.
- * Special care is needed in Research, Consultancy and Extension Activities, Governance and Leadership.

Name of the Department: *Information Technology* (2021 – 2022) Date: *23/1/2023*

Overall Observations

1. Conduct conferences as it is very poor.
2. Motivate the Faculty members to participate in research related activities.
3. Consultancy Services needs improvement.
4. Try to improve Industry Tie-up at department levels.
5. Conduct Parent-Teacher meeting to inform the status about the students.



S. FELIX STEPHEN

Name & Signature



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13/1/23
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ACADEMIC ASSESSMENT AUDIT

Name of the Department: *Marine*

(2021 – 2022) Date: *31/1/23*

Sl.No	Description	Five Point Scale				
I	CURRICULAR ASPECTS	A	B	C	D	E
1	Lecture Plan	/				
2	Lab Plan	/				
3	Incorporation of BOS Meetings Recommendations	/				
4	New Electives Introduced	/				
5	Class Committee	/				
6	Programme Committee	/				
7	Academic - Course Registration	/				
8	Intramural - Course Registration	/				
9	Extension Activities	/				
10	Lab Manual	/				
	$45+0+0+0+0 = 45 / 45 \times 100 = 100$	9	0	0	0	0
	$CI = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100$					
II	FEEDBACK	A	B	C	D	E
1	Student feedback about faculty		/			
2	Feedback from Student regarding curriculum		/			
3	Feedback from Staff regarding curriculum		/			
4	Feedback from Alumni regarding curriculum		/			
5	Feedback from Experts (Academic / Industry) student regarding curriculum					/
	$0+16+0+0+1 = 17 / 25 \times 100 = 68$	0	4	0	0	1
III	TEACHING LEARNING PROCESS	A	B	C	D	E
1	Remedial course details		/			
2	Slow learner details		/			
3	Student participation in Seminar / Conference / Symposium			/		
4	Seminar / Workshop / Training Programme organized			/		
5	Technical Symposium organized					/
6	Invited Experts / Eminent Professor / Guest Lecture / Scientist details			/		
7	Project Work details	/				
8	Student Publications					/
9	Faculty Training Programme	/				
10	Faculty participation in Seminar / Conference			/		
11	Industrial visit / NSS / Annual Sports Meet participation	/				
12	Internship Training details	/				
13	Syllabus coverage details	/				
14	Lab coverage details	/				
15	Course Attainment	/				

Name of the Department: Marine

(2021 - 2022) Date: 31/11/23

16	Internal Assessment details	/				
17	Series Test Marks and Analysis	/				
18	End Semester details, Result Analysis and Rank list	/				
19	Student Arrear details					
	$50+8+15+0+2 = 75/95 \times 100 = 79$	10	2	5	0	2
IV	RESEARCH, CONSULTANCY AND EXTENSION ACTIVITIES	A	B	C	D	E
1	National and International conferences organized					/
2	Patents registered					/
3	Patents published					/
4	On-going Research Project details					/
5	Research Projects completed and grants received					/
6	Faculty publications (SCI / Web of Science / Scopus)		/			
7	Faculty h-index		/			
8	Faculty i10-index		/			
9	Book Chapter details					/
10	Research Awards received by faculty and students					/
11	Consultancy Services provided and funds received					/
12	Promotion of Industry Institute Interaction and R & D					/
	$0+12+0+0+9 = 21/60 \times 100 = 35$	0	3	0	0	9
V	EFFECTIVE USE OF ICT	A	B	C	D	E
1	PPT prepared by faculty	/				
2	Smart Room usage register	/				
3	Industry Tie-up programmes					/
4	Learning Materials provided	/				
5	Other Interactive materials prepared / used, NPTEL course content used		/			
	$15+4+0+0+1 = 20/25 \times 100 = 80$	3	1	0	0	1
VI	STUDENT SUPPORT AND PROGRESSION	A	B	C	D	E
1	Mentorship details	/				
2	Alumni Interaction programme conducted		/			
3	Question Bank	/				
4	Placement details	/				
5	Student Counselling details	/				
6	Student Membership details IEEE, IET, ISTE, CSI, NCSSS and other professional bodies					/
	$20+4+0+0+1 = 25/30 \times 100 = 83$	4	1	0	0	1
VII	GOVERNANCE AND LEADERSHIP	A	B	C	D	E
1	Faculty Awards					/
2	Industry Academic Collaborations					/
3	Faculty Ph.D details					/
4	Parent Teacher Meeting details			/		
5	Training Programme organized for Professional Development of Teaching / Non-Teaching staff					/
	$0+0+3+0+4 = 7/25 \times 100 = 28$	0	0	1	0	4

Name of the Department: 31/1/23 Marine

(2021 - 2022) Date: 31/1/23

Letter grade	Weightage
A	5
B	4
C	3
D	2
E	1

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \text{ ----- (1)}$$

$$C_2 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ----- (2)}$$

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 95 \times 100 \text{ ----- (3)}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 60 \times 100 \text{ ----- (4)}$$

$$C_5 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ----- (5)}$$

$$C_6 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 30 \times 100 \text{ ----- (6)}$$

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ----- (7)}$$

C_a - Number of times 'A' rating has obtained in that category

C_b - Number of times 'B' rating has obtained in that category

C_c - Number of times 'C' rating has obtained in that category

C_d - Number of times 'D' rating has obtained in that category

C_e - Number of times 'E' rating has obtained in that category

The department performance index (Absolute) P_a :

$$P_a = [(200 + 68 + 158 + 70 + 80 + 83 + 28) / 10] = 68.7$$

The department performance index (Relative) P_r : 81.75

$$P_r = P_a / \text{Max } (P_a)$$

Observations of the Academic Audit Committee Members

- * Curricular Aspects, Use of ICT, Student Support and Progression are Excellent
- * Feedback and Teaching Learning Process are Good and can be improved.
- * Special care should be given in Research, Consultancy and Extension Activities, Governance and Leadership.

Name of the Department: *Marine Engineering*

(2021 - 2022) Date: *31/1/2023*

Overall Observations

1. Conduct more number of Symposium, Conferences, Seminar at the department level.
2. Motivate the students to participate in conferences and to publish papers or to publish in well reputed journals.
3. Faculty members has to be motivated to involve in research related activities and to apply for projects and patents.
4. Improve Industry Tie-up at department level.



J. FELIX STEPHEN

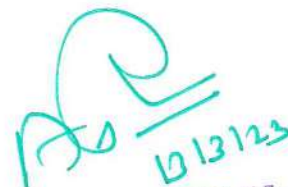
Name & Signature



Dr. J.P. Jayan
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5. Motivate the students to take memberships in professional bodies.
6. Organize Professional Development Training programme for Teaching & Non-Teaching staff members.



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ACADEMIC ASSESSMENT AUDIT

Name of the Department: Mechanical Engg (2021 – 2022) Date: 24/1/22

Sl.No	Description	Five Point Scale				
I	CURRICULAR ASPECTS	A	B	C	D	E
1	Lecture Plan	/				
2	Lab Plan	/				
3	Incorporation of BOS Meetings Recommendations	/				
4	New Electives Introduced	/				
5	Class Committee		/			
6	Programme Committee		/			
7	Academic - Course Registration	/				
8	Intramural - Course Registration	/				
9	Extension Activities				/	
10	Lab Manual		/			
	$30 + 12 + 0 + 2 + 0 = 44 / 50 \times 100 = 88$	6	3	0	1	0
	$CI = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100$					
II	FEEDBACK	A	B	C	D	E
1	Student feedback about faculty	/				
2	Feedback from Student regarding curriculum	/				
3	Feedback from Staff regarding curriculum	/				
4	Feedback from Alumni regarding curriculum		/			
5	Feedback from Experts (Academic / Industry) student regarding curriculum		/			
	$15 + 8 + 0 + 0 + 0 = 23 / 25 \times 100 = 92$	3	2	0	0	0
III	TEACHING LEARNING PROCESS	A	B	C	D	E
1	Remedial course details		/			
2	Slow learner details		/			
3	Student participation in Seminar / Conference / Symposium			/		
4	Seminar / Workshop / Training Programme organized	/				
5	Technical Symposium organized	/				
6	Invited Experts / Eminent Professor / Guest Lecture / Scientist details	/				
7	Project Work details	/				
8	Student Publications		/			
9	Faculty Training Programme		/			
10	Faculty participation in Seminar / Conference		/			
11	Industrial visit / NSS / Annual Sports Meet participation	/				
12	Internship Training details	/				
13	Syllabus coverage details		/			
14	Lab coverage details	/				
15	Course Attainment	/	/			

Name of the Department: Mechanical Engg. (2021 - 2022) Date: 24/1/23

16	Internal Assessment details	/				
17	Series Test Marks and Analysis		/			
18	End Semester details, Result Analysis and Rank list	/				
19	Student Arrear details	/				
	$50 + 32 + 3 + 0 + 0 = 85 / 95 \times 100 = 89$	10	8	1	0	0
IV	RESEARCH, CONSULTANCY AND EXTENSION ACTIVITIES	A	B	C	D	E
1	National and International conferences organized				/	
2	Patents registered		/			
3	Patents published		/			
4	On-going Research Project details					/
5	Research Projects completed and grants received					/
6	Faculty publications (SCI / Web of Science / Scopus)		/			
7	Faculty h-index		/			
8	Faculty i10-index		/			
9	Book Chapter details		/			
10	Research Awards received by faculty and students			/		
11	Consultancy Services provided and funds received				/	
12	Promotion of Industry Institute Interaction and R & D		/			
	$0 + 28 + 3 + 4 + 2 = 37 / 60 = 62$	0	7	1	2	2
V	EFFECTIVE USE OF ICT	A	B	C	D	E
1	PPT prepared by faculty		/			
2	Smart Room usage register		/			
3	Industry Tie-up programmes	/				
4	Learning Materials provided		/			
5	Other Interactive materials prepared / used, NPTEL course content used				/	
	$5 + 12 + 0 + 2 + 0 = 19 / 25 \times 100 = 76$	1	3	0	1	0
VI	STUDENT SUPPORT AND PROGRESSION	A	B	C	D	E
1	Mentorship details	/				
2	Alumni Interaction programme conducted	/				
3	Question Bank	/				
4	Placement details		/			
5	Student Counselling details				/	
6	Student Membership details IEEE, IET, ISTE, CSI, NCSSS and other professional bodies					/
	$15 + 4 + 0 + 2 + 1 = 22 / 30 \times 100 = 73$	3	1	0	1	1
VII	GOVERNANCE AND LEADERSHIP	A	B	C	D	E
1	Faculty Awards			/		
2	Industry Academic Collaborations	/				
3	Faculty Ph.D details	/				
4	Parent Teacher Meeting details					/
5	Training Programs organized for Professional Development of Teaching / Non-Teaching staff	/				
	$15 + 0 + 3 + 0 + 1 = 19 / 25 \times 100 = 76$	3	0	1	0	1

Name of the Department: *Mechanical Engg.*

(2021 – 2022) Date: *24/1/23*

Letter grade	Weightage
A	5
B	4
C	3
D	2
E	1

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \text{ ---- (1)}$$

$$C_2 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (2)}$$

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 95 \times 100 \text{ ---- (3)}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 60 \times 100 \text{ ---- (4)}$$

$$C_5 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (5)}$$

$$C_6 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 30 \times 100 \text{ ---- (6)}$$

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (7)}$$

C_a – Number of times 'A' rating has obtained in that category

C_b – Number of times 'B' rating has obtained in that category

C_c – Number of times 'C' rating has obtained in that category

C_d – Number of times 'D' rating has obtained in that category

C_e – Number of times 'E' rating has obtained in that category

The department performance index (Absolute) P_a :

$$P_a = [(C_1 \times 2) + (C_2 \times 1) + (C_3 \times 2) + (C_4 \times 2) + (C_5 \times 1) + (C_6 \times 1) + (C_7 \times 1)] / 10 = 79.5$$

The department performance index (Relative) P_r : *94.6*

$$P_r = P_a / \text{Max } (P_a)$$

Observations of the Academic Audit Committee Members

- * *Curricular Aspects, Feedback, Teaching Learning Process are Excellent and Monumental.*
- * *Research, Consultancy and Extension Activities, Use of ICT, Student Support and Progression, Governance and Leadership are Good and can be improved.*

Name of the Department: *Mechanical Engg.*

(2021 – 2022) Date: *24/1/2023*

Overall Observations

1. Motivate Faculty members to carry out research oriented projects.
2. Make the students to take memberships in professional bodies.
3. Conduct parent teacher meetings frequently to share the status and details about the students.



S. FELIX STEPHEN

Name & Signature



Dr. J.P. Jayan
Director IQAC

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Prof. Dr. A. Shanthi Mangunam, M.E., Ph.D.
Director-Academic Affairs
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NOORUL ISLAM CENTRE FOR HIGHER EDUCATION, KUMARACOIL

(Declared as Deemed-to-be-University under section 3 of the UGC Act 1956)

ACADEMIC ASSESSMENT AUDIT

Name of the Department: Nano

(2021 – 2022) Date: 1/2/23

Sl.No	Description	Five Point Scale				
I	CURRICULAR ASPECTS	A	B	C	D	E
1	Lecture Plan	/				
2	Lab Plan	/				
3	Incorporation of BOS Meetings Recommendations	/				
4	New Electives Introduced		/			
5	Class Committee		/			
6	Programme Committee		/			
7	Academic - Course Registration	/				
8	Intramural - Course Registration	/				
9	Extension Activities					/
10	Lab Manual	/				/
	$30+12+0+0+1 = 43/50 \times 100 = 86$	6	3	0	0	1
	$CI = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100$					
II	FEEDBACK	A	B	C	D	E
1	Student feedback about faculty	/				
2	Feedback from Student regarding curriculum		/			
3	Feedback from Staff regarding curriculum		/			
4	Feedback from Alumni regarding curriculum		/			
5	Feedback from Experts (Academic / Industry) student regarding curriculum					/
	$5+12+0+0+1 = 18/25 \times 100 = 72$	1	3	0	0	1
III	TEACHING LEARNING PROCESS	A	B	C	D	E
1	Remedial course details	/				
2	Slow learner details	/				
3	Student participation in Seminar / Conference / Symposium			/		
4	Seminar / Workshop / Training Programme organized			/		
5	Technical Symposium organized					/
6	Invited Experts / Eminent Professor / Guest Lecture / Scientist details					/
7	Project Work details	/				
8	Student Publications			/		
9	Faculty Training Programme	/				
10	Faculty participation in Seminar / Conference	/				
11	Industrial visit / NSS / Annual Sports Meet participation					/
12	Internship Training details			/		
13	Syllabus coverage details	/				
14	Lab coverage details	/				
15	Course Attainment		/			

Name of the Department: *Nano*(2021 – 2022) Date: *7/2/23*

16	Internal Assessment details	/				
17	Series Test Marks and Analysis	/				
18	End Semester details, Result Analysis and Rank list	/				
19	Student Arrear details					/
	$50 + 4 + 12 + 0 + 4 = 70 / 95 \times 100 = 74$	10	1	4	0	4
IV	RESEARCH, CONSULTANCY AND EXTENSION ACTIVITIES	A	B	C	D	E
1	National and International conferences organized					/
2	Patents registered	/				
3	Patents published	/				
4	On-going Research Project details			/		
5	Research Projects completed and grants received			/		
6	Faculty publications (SCI / Web of Science / Scopus)	/				
7	Faculty h-index	/				
8	Faculty i10-index	/				
9	Book Chapter details			/		
10	Research Awards received by faculty and students			/		
11	Consultancy Services provided and funds received	/				
12	Promotion of Industry Institute Interaction and R & D			/		
	$30 + 0 + 15 + 0 + 1 = 46 / 60 \times 100 = 77$	6	0	5	0	1
V	EFFECTIVE USE OF ICT	A	B	C	D	E
1	PPT prepared by faculty	/				
2	Smart Room usage register	/				
3	Industry Tie-up programmes	/				
4	Learning Materials provided	/				
5	Other Interactive materials prepared / used, NPTEL course content used			/		
	$20 + 0 + 3 + 0 + 0 = 23 / 25 \times 100 = 92$	4	0	1	0	0
VI	STUDENT SUPPORT AND PROGRESSION	A	B	C	D	E
1	Mentorship details	/				
2	Alumni Interaction programme conducted				/	
3	Question Bank	/				
4	Placement details	/				
5	Student Counselling details	/				
6	Student Membership details IEEE, IET, ISTE, CSI, NCSSS and other professional bodies					/
	$20 + 0 + 10 + 2 + 1 = 33 / 30 \times 100 = 110$	4	0	0	1	1
VII	GOVERNANCE AND LEADERSHIP	A	B	C	D	E
1	Faculty Awards			/		
2	Industry Academic Collaborations	/				
3	Faculty Ph.D details			/		
4	Parent Teacher Meeting details			/		
5	Training Programme organized for Professional Development of Teaching / Non-Teaching staff					/
	$5 + 0 + 9 + 0 + 1 = 15 / 25 \times 100 = 60$	1	0	3	0	1

Name of the Department: *Nano*

(2021 – 2022) Date: *1/2/23*

Letter grade	Weightage
A	5
B	4
C	3
D	2
E	1

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \text{ ---- (1)}$$

$$C_2 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (2)}$$

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 95 \times 100 \text{ ---- (3)}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 60 \times 100 \text{ ---- (4)}$$

$$C_5 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (5)}$$

$$C_6 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 30 \times 100 \text{ ---- (6)}$$

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (7)}$$

C_a – Number of times ‘A’ rating has obtained in that category

C_b – Number of times ‘B’ rating has obtained in that category

C_c – Number of times ‘C’ rating has obtained in that category

C_d – Number of times ‘D’ rating has obtained in that category

C_e – Number of times ‘E’ rating has obtained in that category

The department performance index (Absolute) P_a :

$$P_a = [(C_1 \times 2) + (C_2 \times 1) + (C_3 \times 2) + (C_4 \times 2) + (C_5 \times 1) + (C_6 \times 1) + (C_7 \times 1)] / 10$$

(172 + 72 + 148 + 154 + 92 + 77 + 60) / 10 = 77.5

The department performance index (Relative) P_r : *92.2*

$$P_r = P_a / \text{Max } (P_a)$$

Observations of the Academic Audit Committee Members

- * Curricular Aspects, Use of ICT are Excellent.
- * Feedback, Teaching Learning Process, Research, Consultancy and Extension Activities, Student Support and Progression, Governance and Leadership are Good and can be improved.

Name of the Department: *Nano Technology*

(2021 – 2022) Date: *1/2/2023*

Overall Observations

1. Conduct Technical Symposiums and conferences in the department.
2. Motivate the students to take memberships in professional bodies.
3. Organize professional development training programmes for Teaching and Non Teaching staff members.



S. FELIX STEPHEN

Name & Signature



Dr. J.P. Jayan

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Prof. Dr. A. Shajin Nargunam, M.E., Ph.D.,
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NOORUL ISLAM CENTRE FOR HIGHER EDUCATION, KUMARACOIL

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ACADEMIC ASSESSMENT AUDIT

Name of the Department: *Software Engineering* (2021 – 2022) **Date:** *1/2/23*

Sl.No	Description	Five Point Scale				
I	CURRICULAR ASPECTS	A	B	C	D	E
1	Lecture Plan	/				
2	Lab Plan	/				
3	Incorporation of BOS Meetings Recommendations	/				
4	New Electives Introduced	/				
5	Class Committee	/				
6	Programme Committee	/				
7	Academic - Course Registration	/				
8	Intramural - Course Registration	/				
9	Extension Activities					/
10	Lab Manual	/				
	<i>45 + 0 + 0 + 1 / 50 x 100 = 92</i>	<i>9</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>1</i>
	$C1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100$					
II	FEEDBACK	A	B	C	D	E
1	Student feedback about faculty		/			
2	Feedback from Student regarding curriculum			/		
3	Feedback from Staff regarding curriculum			/		
4	Feedback from Alumni regarding curriculum			/		
5	Feedback from Experts (Academic / Industry) student regarding curriculum			/		
	<i>0 + 4 + 12 + 0 + 0 / 25 x 100 = 64</i>	<i>0</i>	<i>1</i>	<i>4</i>	<i>0</i>	<i>0</i>
III	TEACHING LEARNING PROCESS	A	B	C	D	E
1	Remedial course details	/				
2	Slow learner details	/				
3	Student participation in Seminar / Conference / Symposium				/	
4	Seminar / Workshop / Training Programme organized					/
5	Technical Symposium organized					/
6	Invited Experts / Eminent Professor / Guest Lecture / Scientist details				/	
7	Project Work details	/				
8	Student Publications					/
9	Faculty Training Programme			/		
10	Faculty participation in Seminar / Conference			/		
11	Industrial visit / NSS / Annual Sports Meet participation		/			
12	Internship Training details			/		
13	Syllabus coverage details	/				
14	Lab coverage details	/				
15	Course Attainment	/				

Name of the Department: Software Engineering (2021 - 2022) Date: 1/2/23

16	Internal Assessment details	/				
17	Series Test Marks and Analysis	/				
18	End Semester details, Result Analysis and Rank list	/				
19	Student Arrear details	/				
	$50+4+9+4+3=70/95 \times 100 = 74$	10	1	3	2	3
IV	RESEARCH, CONSULTANCY AND EXTENSION ACTIVITIES	A	B	C	D	E
1	National and International conferences organized					/
2	Patents registered		/			
3	Patents published		/			
4	On-going Research Project details					/
5	Research Projects completed and grants received					/
6	Faculty publications (SCI / Web of Science / Scopus)		/			
7	Faculty h-index		/			
8	Faculty i10-index		/			
9	Book Chapter details					/
10	Research Awards received by faculty and students					/
11	Consultancy Services provided and funds received					/
12	Promotion of Industry Institute Interaction and R & D					/
	$0+20+0+0+7=27/60 \times 100 = 45$	0	5	0	0	7
V	EFFECTIVE USE OF ICT	A	B	C	D	E
1	PPT prepared by faculty	/				
2	Smart Room usage register	/				
3	Industry Tie-up programmes					/
4	Learning Materials provided	/				
5	Other Interactive materials prepared / used, NPTEL course content used					/
	$15+0+0+0+2=17/25 \times 100 = 68$	3	0	0	0	2
VI	STUDENT SUPPORT AND PROGRESSION	A	B	C	D	E
1	Mentorship details	/				
2	Alumni Interaction programme conducted	/				
3	Question Bank	/				
4	Placement details			/		
5	Student Counselling details		/			
6	Student Membership details IEEE, IET, ISTE, CSI, NCSSS and other professional bodies					/
	$15+4+3+0+1=23/30 \times 100 = 77$	3	1	1	0	1
VII	GOVERNANCE AND LEADERSHIP	A	B	C	D	E
1	Faculty Awards					/
2	Industry Academic Collaborations					/
3	Faculty Ph.D details	/				
4	Parent Teacher Meeting details	/				
5	Training Programme organized for Professional Development of Teaching / Non-Teaching staff			/		
	$10+0+3+0+2=15/25 \times 100 = 60$	2	0	1	0	2

Name of the Department: Software Engineering (2021 – 2022) Date: 1 | 2 | 23

Letter grade	Weightage
A	5
B	4
C	3
D	2
E	1

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \text{ ---- (1)}$$

$$C_2 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (2)}$$

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 95 \times 100 \text{ ---- (3)}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 60 \times 100 \text{ ---- (4)}$$

$$C_5 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (5)}$$

$$C_6 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 30 \times 100 \text{ ---- (6)}$$

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (7)}$$

C_a – Number of times 'A' rating has obtained in that category

C_b – Number of times 'B' rating has obtained in that category

C_c – Number of times 'C' rating has obtained in that category

C_d – Number of times 'D' rating has obtained in that category

C_e – Number of times 'E' rating has obtained in that category

The department performance index (Absolute) P_a :

$$P_a = [(92 \times 2 + 64 \times 1 + 74 \times 2 + 45 \times 2 + 68 \times 1 + 77 \times 1 + 60 \times 1) / 10] = 69.1$$

The department performance index (Relative) P_r : 82.2

$$P_r = P_a / \text{Max } (P_a)$$

Observations of the Academic Audit Committee Members

- * Curricular Aspects are Excellent & Monumental.
- * Feedback, Teaching Learning Process, Use of ICT, Student Support and Progression; Governance and Leadership are Good and can be improved.
- * Special Care should be given in Research, Consultancy and Extension Activities.

Name of the Department: *Software Engineering* (2021 – 2022) Date: *1/2/2023*

Overall Observations

1. Conduct various symposiums and conferences in the department.
2. Motivate the faculty members to participate in the research related activities.
3. Improvement needed in consultancy services as it is very poor.
4. Try to improve the number of industry Tie-ups at the department level.


Dr. J.P. Jayan

Name & Signature


29/2/23

Dr. J.P. Jayan
Director IQAC

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Tamil Nadu.

5. Use the NPTEL Course contents and other online learning resources to train the students.
6. Motivate the students to take memberships in the professional bodies.


13/3/23

Prof. Dr. A. Shajin Nargunam, M.E., Ph.D.,
Director-Academic Affairs
Noorul Islam Centre for Higher Education
Kumaracoil, Thuckalay.

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ACADEMIC ASSESSMENT AUDIT

Name of the Department: **MBA**

(2021 – 2022) Date: **16/12/2022**

Sl.No	Description	Five Point Scale				
I	CURRICULAR ASPECTS	A	B	C	D	E
1	Lecture Plan		/			
2	Lab Plan					
3	Incorporation of BOS Meetings Recommendations	/				
4	New Electives Introduced	/				
5	Class Committee		/			
6	Programme Committee		/			
7	Academic - Course Registration		/			
8	Intramural - Course Registration					
9	Extension Activities			/		
10	Lab Manual					
	$10 + 16 + 3 + 0 + 0 = 29 / 35 \times 100 = 83$	2	4	1	0	0
	$CI = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100$					
II	FEEDBACK	A	B	C	D	E
1	Student feedback about faculty			/		
2	Feedback from Student regarding curriculum			/		
3	Feedback from Staff regarding curriculum			/		
4	Feedback from Alumni regarding curriculum			/		
5	Feedback from Experts (Academic / Industry) student regarding curriculum			/		
	$0 + 0 + 15 + 0 + 0 = 15 / 25 \times 100 = 60$	0	0	5	0	0
III	TEACHING LEARNING PROCESS	A	B	C	D	E
1	Remedial course details					
2	Slow learner details					
3	Student participation in Seminar / Conference / Symposium		/			
4	Seminar / Workshop / Training Programme organized			/		
5	Technical Symposium organized			/		
6	Invited Experts / Eminent Professor / Guest Lecture / Scientist details			/		
7	Project Work details					/
8	Student Publications					/
9	Faculty Training Programme				/	
10	Faculty participation in Seminar / Conference				/	
11	Industrial visit / NSS / Annual Sports Meet participation			/		
12	Internship Training details			/		
13	Syllabus coverage details	/				
14	Lab coverage details					
15	Course Attainment		/			

Name of the Department: MBA

(2021 - 2022) Date: 16/12/2022

16	Internal Assessment details	/				
17	Series Test Marks and Analysis	/				
18	End Semester details, Result Analysis and Rank list		/			
19	Student Arrear details			/		
	$15 + 12 + 18 + 4 + 2 = 51 / 80 \times 100 = 64$	3	3	6	2	2
IV	RESEARCH, CONSULTANCY AND EXTENSION ACTIVITIES	A	B	C	D	E
1	National and International conferences organized					/
2	Patents registered					/
3	Patents published					/
4	On-going Research Project details					/
5	Research Projects completed and grants received					/
6	Faculty publications (SCI / Web of Science / Scopus)			/		
7	Faculty h-index			/		
8	Faculty i10-index			/		
9	Book Chapter details					/
10	Research Awards received by faculty and students					/
11	Consultancy Services provided and funds received					/
12	Promotion of Industry Institute Interaction and R & D					/
	$0 + 0 + 9 + 0 + 9 = 18 / 60 \times 100 = 30$	0	0	3	0	9
V	EFFECTIVE USE OF ICT	A	B	C	D	E
1	PPT prepared by faculty	/				
2	Smart Room usage register	/				
3	Industry Tie-up programmes					/
4	Learning Materials provided			/		
5	Other Interactive materials prepared / used, NPTEL course content used					/
	$10 + 0 + 3 + 0 + 2 = 15 / 25 \times 100 = 60$	2	0	1	0	2
VI	STUDENT SUPPORT AND PROGRESSION	A	B	C	D	E
1	Mentorship details	/				
2	Alumni Interaction programme conducted		/			
3	Question Bank			/		
4	Placement details					/
5	Student Counselling details					/
6	Student Membership details IEEE, IET, ISTE, CSI, NCSSS and other professional bodies					/
	$5 + 4 + 3 + 0 + 3 = 15 / 30 \times 100 = 50$	1	1	1	0	3
VII	GOVERNANCE AND LEADERSHIP	A	B	C	D	E
1	Faculty Awards					/
2	Industry Academic Collaborations					/
3	Faculty Ph.D details			/		
4	Parent Teacher Meeting details					/
5	Training Programme organized for Professional Development of Teaching / Non-Teaching staff					/
	$0 + 0 + 3 + 0 + 9 = 7 / 25 \times 100 = 28$	0	0	1	0	4

Name of the Department: **MBA**

(2021 – 2022) Date: **16/12/2022**

Letter grade	Weightage
A	5
B	4
C	3
D	2
E	1

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \text{ ---- (1)}$$

$$C_2 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (2)}$$

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 95 \times 100 \text{ ---- (3)}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 60 \times 100 \text{ ---- (4)}$$

$$C_5 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (5)}$$

$$C_6 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 30 \times 100 \text{ ---- (6)}$$

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (7)}$$

C_a – Number of times 'A' rating has obtained in that category

C_b – Number of times 'B' rating has obtained in that category

C_c – Number of times 'C' rating has obtained in that category

C_d – Number of times 'D' rating has obtained in that category

C_e – Number of times 'E' rating has obtained in that category

The department performance index (Absolute) P_a :

$$P_a = [(C_1 \times 2) + (C_2 \times 1) + (C_3 \times 2) + (C_4 \times 2) + (C_5 \times 1) + (C_6 \times 1) + (C_7 \times 1)] / 10$$

$(166 + 60 + 128 + 60 + 60 + 50 + 28) / 10 = 55.2$

The department performance index (Relative) P_r : **65.68**

$$P_r = P_a / \text{Max } (P_a)$$

Observations of the Academic Audit Committee Members

- * Curricular Aspects are Excellent.
- * Feedback, Teaching Learning Process and Use of ICT are Good and can be improved.
- * Special Care should be given in Research, Consultancy and Extension Activities, student support and Progression & Governance and Leadership.

Overall Observations

1. Conduct various national and international conferences in the department.
2. Motivate the Faculty members to participate in the research related activities and to apply for various projects.
3. Insist the Faculty members to apply for patents.
4. Try to improve the consultancy services as it is very poor.



J. FELIX STEPHEN

Name & Signature



Dr. J.P. Jayan
Director IQAC

Noorul Islam Centre for Higher Education
Kumaracoil - 629180, Kanyakumari District,
Tamil Nadu.

5. Try to improve industry Tie-ups at the department level.
6. Use of online course content like NPTEL is very less and need to be improved.
7. Motivate the students to take memberships in the professional bodies.
8. Conduct parent-teacher's meeting to inform the status of poor performing students.



Prof. Dr. A. Shajin Nargunam, M.E., Ph.D.,
Director-Academic Affairs
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NOORUL ISLAM CENTRE FOR HIGHER EDUCATION, KUMARACOIL

(Declared as Deemed-to-be-University under section 3 of the UGC Act 1956)

ACADEMIC ASSESSMENT AUDIT

Name of the Department: MCA

(2021 – 2022) Date: 25/11/22

Sl.No	Description	Five Point Scale				
I	CURRICULAR ASPECTS	A	B	C	D	E
1	Lecture Plan	/				
2	Lab Plan	/				
3	Incorporation of BOS Meetings Recommendations	/				
4	New Electives Introduced	/				
5	Class Committee	/				
6	Programme Committee	/				
7	Academic - Course Registration	/				
8	Intramural - Course Registration	/				
9	Extension Activities					/
10	Lab Manual	/				
	$45 + 0 + 0 + 0 + 1 = 46 / 50 \times 100 = 92$	9	0	0	0	1
	$CI = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100$					
II	FEEDBACK	A	B	C	D	E
1	Student feedback about faculty	/				
2	Feedback from Student regarding curriculum			/		
3	Feedback from Staff regarding curriculum			/		
4	Feedback from Alumni regarding curriculum			/		
5	Feedback from Experts (Academic / Industry) student regarding curriculum					/
	$5 + 0 + 9 + 0 + 1 = 15 / 25 \times 100 = 60$	1	0	3	0	1
III	TEACHING LEARNING PROCESS	A	B	C	D	E
1	Remedial course details	/				
2	Slow learner details	/				
3	Student participation in Seminar / Conference / Symposium					/
4	Seminar / Workshop / Training Programme organized				/	
5	Technical Symposium organized		/			
6	Invited Experts / Eminent Professor / Guest Lecture / Scientist details					/
7	Project Work details	/				
8	Student Publications			/		
9	Faculty Training Programme					/
10	Faculty participation in Seminar / Conference			/		
11	Industrial visit / NSS / Annual Sports Meet participation	/				
12	Internship Training details	/				
13	Syllabus coverage details	/				
14	Lab coverage details	/				
15	Course Attainment	/				

Name of the Department: MCA

(2021 - 2022) Date: 25/1/23

16	Internal Assessment details	/				
17	Series Test Marks and Analysis	/				
18	End Semester details, Result Analysis and Rank list	/				
19	Student Arrear details	/				
	$60+4+6+2+3 = 75/95 \times 100 = 79$	12	1	2	1	3
IV	RESEARCH, CONSULTANCY AND EXTENSION ACTIVITIES	A	B	C	D	E
1	National and International conferences organized					/
2	Patents registered					/
3	Patents published					/
4	On-going Research Project details					/
5	Research Projects completed and grants received					/
6	Faculty publications (SCI / Web of Science / Scopus)			/		
7	Faculty h-index			/		
8	Faculty i10-index			/		
9	Book Chapter details					/
10	Research Awards received by faculty and students					/
11	Consultancy Services provided and funds received					/
12	Promotion of Industry Institute Interaction and R & D					/
	$0+0+9+0+9 = 18/60 \times 100 = 30$	0	0	3	0	9
V	EFFECTIVE USE OF ICT	A	B	C	D	E
1	PPT prepared by faculty	/				
2	Smart Room usage register	/				
3	Industry Tie-up programmes					/
4	Learning Materials provided	/				
5	Other Interactive materials prepared / used, NPTEL course content used	/				
	$20+0+0+0+1 = 21/25 \times 100 = 84$	4	0	0	0	1
VI	STUDENT SUPPORT AND PROGRESSION	A	B	C	D	E
1	Mentorship details	/				
2	Alumni Interaction programme conducted		/			
3	Question Bank	/				
4	Placement details		/			
5	Student Counselling details		/			
6	Student Membership details IEEE, IET, ISTE, CSI, NCSSS and other professional bodies					/
	$10+12+1+2+23 = 48/60 \times 100 = 80$	2	3	0	0	1
VII	GOVERNANCE AND LEADERSHIP	A	B	C	D	E
1	Faculty Awards					/
2	Industry Academic Collaborations					/
3	Faculty Ph.D details		/			
4	Parent Teacher Meeting details	/				
5	Training Programme organized for Professional Development of Teaching / Non-Teaching staff					/
	$5+4+0+0+3 = 12/25 \times 100 = 48$	1	1	0	0	3

Name of the Department: MCA

(2021 – 2022) Date: 25/1/22

Letter grade	Weightage
A	5
B	4
C	3
D	2
E	1

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \text{ ---- (1)}$$

$$C_2 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (2)}$$

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 95 \times 100 \text{ ---- (3)}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 60 \times 100 \text{ ---- (4)}$$

$$C_5 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (5)}$$

$$C_6 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 30 \times 100 \text{ ---- (6)}$$

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (7)}$$

C_a – Number of times 'A' rating has obtained in that category

C_b – Number of times 'B' rating has obtained in that category

C_c – Number of times 'C' rating has obtained in that category

C_d – Number of times 'D' rating has obtained in that category

C_e – Number of times 'E' rating has obtained in that category

The department performance index (Absolute) P_a :

$$P_a = [(C_1 \times 2) + (C_2 \times 1) + (C_3 \times 2) + (C_4 \times 2) + (C_5 \times 1) + (C_6 \times 1) + (C_7 \times 1)] / 10$$

(184 + 60 + 158 + 60 + 84 + 11 + 48) / 10 = 67.1

The department performance index (Relative) P_r : 79.8

$$P_r = P_a / \text{Max } (P_a)$$

Observations of the Academic Audit Committee Members

* Curricular Aspects and Use of ICT are Excellent

* Feedback, Teaching Learning Process, Student Support and Progression are Good and can be improved.

* Research, Consultancy and Extension Activities, Governance and Leadership are indigent and need to be improved.

Overall Observations

1. Motivate the students to participate in the Seminar, Symposium and conferences.
2. Conduct number of Faculty Training programme and conferences in the department.
3. Motivate the Faculty members to participate in the research related activities and to apply for various projects.
4. Insist the Faculty members to apply for patents.


S. FELIX STEPHEN

Name & Signature


12/12/23

Dr. J.P. Jayan

Director IQAC

Noorul Islam Centre for Higher Education
Kumaracoil - 629180, Kanyakumari District
Tamil Nadu.

5. Improvement needed in consultancy services as it is poor.
6. Try to improve the Industry Tie-ups at the department level.
7. Motivate the students to take memberships in the professional bodies.
8. Conduct training programme for the professional development of Teaching and Non-Teaching staff members.


13/12/23

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ACADEMIC ASSESSMENT AUDIT

Name of the Department: Chemistry

(2021 – 2022) Date: 30/1/22

Sl.No	Description	Five Point Scale				
I	CURRICULAR ASPECTS	A	B	C	D	E
1	Lecture Plan	/				
2	Lab Plan	/				
3	Incorporation of BOS Meetings Recommendations		/			
4	New Electives Introduced		/			
5	Class Committee		/			
6	Programme Committee		/			
7	Academic - Course Registration	/				
8	Intramural - Course Registration	/				
9	Extension Activities					/
10	Lab Manual		/			
	$20+20+0+0+1 = 41/50 \times 100 = 82$	4	5	0	0	1
	$C1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100$					
II	FEEDBACK	A	B	C	D	E
1	Student feedback about faculty	/				
2	Feedback from Student regarding curriculum		/			
3	Feedback from Staff regarding curriculum		/			
4	Feedback from Alumni regarding curriculum		/			
5	Feedback from Experts (Academic / Industry) student regarding curriculum		/			
	$5+16 = 21/25 \times 100 = 84$	1	4	0	0	0
III	TEACHING LEARNING PROCESS	A	B	C	D	E
1	Remedial course details					
2	Slow learner details					
3	Student participation in Seminar / Conference / Symposium	/				
4	Seminar / Workshop / Training Programme organized					/
5	Technical Symposium organized					/
6	Invited Experts / Eminent Professor / Guest Lecture / Scientist details					/
7	Project Work details		/			
8	Student Publications	/				
9	Faculty Training Programme	/				
10	Faculty participation in Seminar / Conference	/				
11	Industrial visit / NSS / Annual Sports Meet participation					/
12	Internship Training details					
13	Syllabus coverage details	/				
14	Lab coverage details	/				
15	Course Attainment	/				

Name of the Department: Chemistry(2021 - 2022) Date: 30/11/23

16	Internal Assessment details	/				
17	Series Test Marks and Analysis	/				
18	End Semester details, Result Analysis and Rank list	/				
19	Student Arrear details	/				
	$55 + 4 + 0 + 0 + 4 = 63 / 80 \times 100 = 79$	11	1	0	0	4
IV	RESEARCH, CONSULTANCY AND EXTENSION ACTIVITIES	A	B	C	D	E
1	National and International conferences organized					/
2	Patents registered	/				
3	Patents published	/				
4	On-going Research Project details					/
5	Research Projects completed and grants received					/
6	Faculty publications (SCI / Web of Science / Scopus)	/				
7	Faculty h-index	/				
8	Faculty i10-index	/				
9	Book Chapter details					/
10	Research Awards received by faculty and students		/			
11	Consultancy Services provided and funds received					/
12	Promotion of Industry Institute Interaction and R & D					/
	$25 + 4 + 0 + 0 + 6 = 35 / 60 \times 100 = 58$	5	1	0	0	6
V	EFFECTIVE USE OF ICT	A	B	C	D	E
1	PPT prepared by faculty	/				
2	Smart Room usage register					/
3	Industry Tie-up programmes					
4	Learning Materials provided	/				
5	Other Interactive materials prepared / used, NPTEL course content used		/			
	$10 + 4 + 0 + 0 + 1 = 15 / 20 \times 100 = 75$	2	1	0	0	1
VI	STUDENT SUPPORT AND PROGRESSION	A	B	C	D	E
1	Mentorship details	/				
2	Alumni Interaction programme conducted		/			
3	Question Bank	/				
4	Placement details			/		
5	Student Counselling details	/				
6	Student Membership details IEEE, IET, ISTE, CSI, NCSSS and other professional bodies					/
	$15 + 4 + 3 + 0 + 1 = 23 / 30 \times 100 = 77$	3	1	1	0	1
VII	GOVERNANCE AND LEADERSHIP	A	B	C	D	E
1	Faculty Awards			/		
2	Industry Academic Collaborations					
3	Faculty Ph.D details					/
4	Parent Teacher Meeting details					/
5	Training Programme organized for Professional Development of Teaching / Non-Teaching staff			/		
	$0 + 0 + 6 + 0 + 2 = 8 / 20 \times 100 = 40$	0	0	2	0	2

Name of the Department: *chemistry*

(2021 - 2022) Date: *30/1/23*

Letter grade	Weightage
A	5
B	4
C	3
D	2
E	1

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \text{ ---- (1)}$$

$$C_2 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (2)}$$

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 95 \times 100 \text{ ---- (3)}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 60 \times 100 \text{ ---- (4)}$$

$$C_5 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (5)}$$

$$C_6 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 30 \times 100 \text{ ---- (6)}$$

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (7)}$$

C_a - Number of times 'A' rating has obtained in that category

C_b - Number of times 'B' rating has obtained in that category

C_c - Number of times 'C' rating has obtained in that category

C_d - Number of times 'D' rating has obtained in that category

C_e - Number of times 'E' rating has obtained in that category

The department performance index (Absolute) P_a :

$$P_a = [(164 \times 2) + (84 \times 1) + (158 \times 2) + (116 \times 2) + (75 \times 1) + (77 \times 1) + (40 \times 1)] / 10 = 71.4$$

The department performance index (Relative) P_r : *84.9*

$$P_r = P_a / \text{Max } (P_a)$$

Observations of the Academic Audit Committee Members

- * *Curricular Aspects and Feedback are Monumental and Excellent.*
- * *Teaching Learning Process, Use of ICT, Student Support and Progression are Good and can be improved.*
- * *Special care should be given in Research, Consultancy and Extension Activities, Governance and Leadership.*

Name of the Department:

Chemistry

(2021 – 2022) Date: 30/1/2023

Overall Observations

1. Try to organize various events at the department level.
2. Motivate the Faculty members to apply for research related projects.
3. Consultancy services is poor and need to be improved.
4. Motivate the students to take memberships in the professional bodies.
5. Conduct parent- teachers meeting to share the details about


J. FELIX STEPHEN

Name & Signature


07/12/23

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Director IQAC

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the students. and to inform the status of poor performing students.


13/13/23

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ACADEMIC ASSESSMENT AUDIT

Name of the Department: English

(2021 – 2022) Date: 2/2/22

Sl.No	Description	Five Point Scale				
I	CURRICULAR ASPECTS	A	B	C	D	E
1	Lecture Plan	/				
2	Lab Plan	/				
3	Incorporation of BOS Meetings Recommendations	/				
4	New Electives Introduced		/			
5	Class Committee		/			
6	Programme Committee		/			
7	Academic - Course Registration		/			
8	Intramural - Course Registration					
9	Extension Activities					/
10	Lab Manual					
	$15+16+0+0+1=32/40 \times 100=80$	3	4	0	0	1
	$C1=(C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100$					
II	FEEDBACK	A	B	C	D	E
1	Student feedback about faculty			/		
2	Feedback from Student regarding curriculum			/		
3	Feedback from Staff regarding curriculum			/		
4	Feedback from Alumni regarding curriculum			/		
5	Feedback from Experts (Academic / Industry) student regarding curriculum				/	
	$0+0+12+2+0=14/25 \times 100=56$	0	0	4	1	0
III	TEACHING LEARNING PROCESS	A	B	C	D	E
1	Remedial course details					
2	Slow learner details					
3	Student participation in Seminar / Conference / Symposium					/
4	Seminar / Workshop / Training Programme organized					/
5	Technical Symposium organized					/
6	Invited Experts / Eminent Professor / Guest Lecture / Scientist details					/
7	Project Work details					
8	Student Publications			/		
9	Faculty Training Programme					/
10	Faculty participation in Seminar / Conference					/
11	Industrial visit / NSS / Annual Sports Meet participation					/
12	Internship Training details					
13	Syllabus coverage details	/				
14	Lab coverage details					
15	Course Attainment	/				

Name of the Department: English

(2021 – 2022) Date: 3/2/22

16	Internal Assessment details	/				
17	Series Test Marks and Analysis	/				
18	End Semester details, Result Analysis and Rank list	/				
19	Student Arrear details	/				
	$15+12+3+0+7 = 37/70 \times 100 = 53$	3	3	1	0	7
IV	RESEARCH, CONSULTANCY AND EXTENSION ACTIVITIES	A	B	C	D	E
1	National and International conferences organized					/
2	Patents registered			/		
3	Patents published					/
4	On-going Research Project details					/
5	Research Projects completed and grants received					/
6	Faculty publications (SCI / Web of Science / Scopus)					/
7	Faculty h-index					/
8	Faculty i10-index					/
9	Book Chapter details					/
10	Research Awards received by faculty and students					/
11	Consultancy Services provided and funds received					
12	Promotion of Industry Institute Interaction and R & D					
	$0+0+3+0+9 = 12/50 \times 100 = 24$	0	0	1	0	9
V	EFFECTIVE USE OF ICT	A	B	C	D	E
1	PPT prepared by faculty	/				
2	Smart Room usage register					
3	Industry Tie-up programmes					
4	Learning Materials provided	/				
5	Other Interactive materials prepared / used, NPTEL course content used					/
	$1+0+0+0+1 = 11/15 \times 100 = 73$	2	0	0	0	1
VI	STUDENT SUPPORT AND PROGRESSION	A	B	C	D	E
1	Mentorship details	/				
2	Alumni Interaction programme conducted		/			
3	Question Bank	/				
4	Placement details					/
5	Student Counselling details		/			
6	Student Membership details IEEE, IET, ISTE, CSI, NCSSS and other professional bodies					/
	$10+8+0+0+2 = 20/30 \times 100 = 67$	2	2	0	0	2
VII	GOVERNANCE AND LEADERSHIP	A	B	C	D	E
1	Faculty Awards					/
2	Industry Academic Collaborations					
3	Faculty Ph.D details			/		
4	Parent Teacher Meeting details					/
5	Training Programme organized for Professional Development of Teaching / Non-Teaching staff					/
	$0+0+3+0+3 = 6/25 \times 100 = 24$	0	0	1	0	3

Name of the Department: English

(2021 – 2022) Date: 3/2/22

Letter grade	Weightage
A	5
B	4
C	3
D	2
E	1

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \text{ ---- (1)}$$

$$C_2 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (2)}$$

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 95 \times 100 \text{ ---- (3)}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 60 \times 100 \text{ ---- (4)}$$

$$C_5 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (5)}$$

$$C_6 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 30 \times 100 \text{ ---- (6)}$$

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (7)}$$

C_a – Number of times 'A' rating has obtained in that category

C_b – Number of times 'B' rating has obtained in that category

C_c – Number of times 'C' rating has obtained in that category

C_d – Number of times 'D' rating has obtained in that category

C_e – Number of times 'E' rating has obtained in that category

The department performance index (Absolute) P_a :

$$P_a = [(160 + 86 + 148 + 13 + 67 + 24) / 10] = 52.6$$

$$P_a = [(C_1 \times 2) + (C_2 \times 1) + (C_3 \times 2) + (C_4 \times 2) + (C_5 \times 1) + (C_6 \times 1) + (C_7 \times 1)] / 10$$

The department performance index (Relative) P_r : 62.59

$$P_r = P_a / \text{Max } (P_a)$$

Observations of the Academic Audit Committee Members

* Curricular Aspects are Excellent

* Use of ICT, Student Support and Progression are Good and can be improved.

* Feedback, Teaching Learning Process, Research, Consultancy and Extension Activities, Governance and Leadership are indigent and need to be improved.

Name of the Department: *English*

(2021 – 2022) Date: *3/2/2023*

Overall Observations

1. Conduct various events at the department level as it is very poor.
2. Motivate the Faculty members to participate in the research related activities.
3. Insist the Faculty members to apply for research related projects and to apply for patents.
4. Use of online learning resources like NPTEL has to be improved.


J. P. JAYAN

Name & Signature


12/2/23

Dr. J.P. Jayan
Director IQAC

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umaracoil - 629180. Kanyakumari District.
Tamil Nadu.

5. Motivate the students to take memberships in professional bodies.
6. Conduct parent- teachers meeting to inform the status of the poor performing students.
7. Organize professional development training programme for Teaching and Non-Teaching staff members.


13/3/23

Prof. Dr. A. Shajin Nargunam, M.E., Ph.D.,
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ACADEMIC ASSESSMENT AUDIT

Name of the Department: *Mathematics*

(2021 – 2022) Date: *28/01/22*

Sl.No	Description	Five Point Scale				
I	CURRICULAR ASPECTS	A	B	C	D	E
1	Lecture Plan	/				
2	Lab Plan	/				
3	Incorporation of BOS Meetings Recommendations	/				
4	New Electives Introduced	/				
5	Class Committee		/			
6	Programme Committee		/			
7	Academic - Course Registration	/	/			
8	Intramural - Course Registration					
9	Extension Activities					/
10	Lab Manual					
	<i>25 + 8 + 0 + 0 + 1 = 34 / 40 x 100 = 85</i>	<i>5</i>	<i>2</i>	<i>0</i>	<i>0</i>	<i>1</i>
	$C1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100$					
II	FEEDBACK	A	B	C	D	E
1	Student feedback about faculty		/			
2	Feedback from Student regarding curriculum		/			
3	Feedback from Staff regarding curriculum		/			
4	Feedback from Alumni regarding curriculum		/			
5	Feedback from Experts (Academic / Industry) student regarding curriculum					/
	<i>0 + 6 + 0 + 0 + 1 = 7 / 25 x 100 = 28</i>	<i>0</i>	<i>4</i>	<i>0</i>	<i>0</i>	<i>1</i>
III	TEACHING LEARNING PROCESS	A	B	C	D	E
1	Remedial course details					
2	Slow learner details					
3	Student participation in Seminar / Conference / Symposium			/		
4	Seminar / Workshop / Training Programme organized		/			
5	Technical Symposium organized				/	
6	Invited Experts / Eminent Professor / Guest Lecture / Scientist details				/	
7	Project Work details	/				
8	Student Publications	/		/		
9	Faculty Training Programme	/				
10	Faculty participation in Seminar / Conference			/		
11	Industrial visit / NSS / Annual Sports Meet participation					/
12	Internship Training details					
13	Syllabus coverage details	/				
14	Lab coverage details					
15	Course Attainment	/				

low strength

Name of the Department: *Mathematics*(2021 – 2022) Date: *28/1/23*

16	Internal Assessment details	/				
17	Series Test Marks and Analysis	/				
18	End Semester details, Result Analysis and Rank list	/				
19	Student Arrear details				/	
	$35+4+9+6+1=55/75 \times 100 = 73$	7	1	3	3	1
IV	RESEARCH, CONSULTANCY AND EXTENSION ACTIVITIES	A	B	C	D	E
1	National and International conferences organized					/
2	Patents registered					/
3	Patents published					/
4	On-going Research Project details					/
5	Research Projects completed and grants received					/
6	Faculty publications (SCI / Web of Science / Scopus)		/			
7	Faculty h-index		/			
8	Faculty i10-index		/			
9	Book Chapter details					/
10	Research Awards received by faculty and students					/
11	Consultancy Services provided and funds received					/
12	Promotion of Industry Institute Interaction and R & D					/
	$0+12+0+0+9=21/60 \times 100 = 35$	0	3	0	0	9
V	EFFECTIVE USE OF ICT	A	B	C	D	E
1	PPT prepared by faculty	/				
2	Smart Room usage register					
3	Industry Tie-up programmes					/
4	Learning Materials provided				/	
5	Other Interactive materials prepared / used, NPTEL course content used	/				
	$10+0+0+2+1=13/20 \times 100 = 65$	2	0	0	1	1
VI	STUDENT SUPPORT AND PROGRESSION	A	B	C	D	E
1	Mentorship details	/				
2	Alumni Interaction programme conducted	/				
3	Question Bank	/				
4	Placement details			/		
5	Student Counselling details					
6	Student Membership details IEEE, IET, ISTE, CSI, NCSSS and other professional bodies			/		
	$15+0+6+0+0=21/25 \times 100 = 84$	3	0	2	0	0
VII	GOVERNANCE AND LEADERSHIP	A	B	C	D	E
1	Faculty Awards					/
2	Industry Academic Collaborations					/
3	Faculty Ph.D details		/			
4	Parent Teacher Meeting details					/
5	Training Programme organized for Professional Development of Teaching / Non-Teaching staff					/
	$0+4+0+0+4=8/25 \times 100 = 32$	0	1	0	0	4

Name of the Department: *Mathematics*

(2021 – 2022) Date: *28/1/23*

Letter grade	Weightage
A	5
B	4
C	3
D	2
E	1

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \text{ ---- (1)}$$

$$C_2 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (2)}$$

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 95 \times 100 \text{ ---- (3)}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 60 \times 100 \text{ ---- (4)}$$

$$C_5 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (5)}$$

$$C_6 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 30 \times 100 \text{ ---- (6)}$$

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (7)}$$

C_a – Number of times 'A' rating has obtained in that category

C_b – Number of times 'B' rating has obtained in that category

C_c – Number of times 'C' rating has obtained in that category

C_d – Number of times 'D' rating has obtained in that category

C_e – Number of times 'E' rating has obtained in that category

The department performance index (Absolute) P_a :

$$P_a = [(C_1 \times 2) + (C_2 \times 1) + (C_3 \times 2) + (C_4 \times 2) + (C_5 \times 1) + (C_6 \times 1) + (C_7 \times 1)] / 10$$

$$(170 + 68 + 146 + 70 + 65 + 84 + 39) / 10 = 63.5$$

The department performance index (Relative) P_r :

$$75.5$$

$$P_r = P_a / \text{Max } (P_a)$$

Observations of the Academic Audit Committee Members

* Curricular Aspects, Feedback, Teaching

Learning Process, Use of ICT, ~~Student~~

~~Support and Progression~~ are Good and

can be improved.

* Special care should be given in Research, Consultancy and Extension Activities and in Governance and Leadership.

* Student Support and Progression is Excellent.

Overall Observations

1. Motivate the Faculty members to involve in research related activities.
2. Motivate the Faculty members to apply for research projects and to apply for patents.
3. Consultancy services is poor and need to be improved.
4. Improve Industry Tie-up at the department level.
5. Conduct parent teachers meeting to inform the status about



S. FELIX STEPHEN

Name & Signature



Dr. J.P. Jayan
Director IQAC
Noorul Islam Centre for Higher Education
Kumaracoil - 629180, Kanyakumari District,
Tamil Nadu.

the students.

6. Organize professional development training programme for teaching and non-teaching staff members.



Prof. Dr. A. Shajin Nargunam, M.E., Ph.D.,
Director-Academic Affairs
Noorul Islam Centre for Higher Education
Kumaracoil, Thuckalay.

NOORUL ISLAM CENTRE FOR HIGHER EDUCATION, KUMARACOIL

(Declared as Deemed-to-be-University under section 3 of the UGC Act 1956)

ACADEMIC ASSESSMENT AUDIT

Name of the Department: Physics

(2021 – 2022) Date: 20/1/22

Sl.No	Description	Five Point Scale				
I	CURRICULAR ASPECTS	A	B	C	D	E
1	Lecture Plan	/				
2	Lab Plan	/				
3	Incorporation of BOS Meetings Recommendations	/				
4	New Electives Introduced	/				
5	Class Committee		/			
6	Programme Committee		/			
7	Academic - Course Registration	/				
8	Intramural - Course Registration	/				
9	Extension Activities					/
10	Lab Manual		/			
	$30+12+0+0+1=43/50 \times 100 = 86$	6	3	0	0	1
	$C1=(C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100$					
II	FEEDBACK	A	B	C	D	E
1	Student feedback about faculty	/				
2	Feedback from Student regarding curriculum	/				
3	Feedback from Staff regarding curriculum	/				
4	Feedback from Alumni regarding curriculum	/				
5	Feedback from Experts (Academic / Industry) student regarding curriculum		/			
	$20+4+0+0+0=24/25 \times 100 = 96$	4	1	0	0	0
III	TEACHING LEARNING PROCESS	A	B	C	D	E
1	Remedial course details					
2	Slow learner details					
3	Student participation in Seminar / Conference / Symposium		/			
4	Seminar / Workshop / Training Programme organized	/				
5	Technical Symposium organized		/			
6	Invited Experts / Eminent Professor / Guest Lecture / Scientist details		/			
7	Project Work details		/			
8	Student Publications	/				
9	Faculty Training Programme	/				
10	Faculty participation in Seminar / Conference	/				
11	Industrial visit / NSS / Annual Sports Meet participation		/			
12	Internship Training details					
13	Syllabus coverage details	/				
14	Lab coverage details	/				
15	Course Attainment	/				

Name of the Department: Physics(2021 - 2022) Date: 30/1/23

16	Internal Assessment details	/				
17	Series Test Marks and Analysis	/				
18	End Semester details, Result Analysis and Rank list	/				
19	Student Arrear details	/				
	$55 + 20 = 75 / 85 \times 100 = 88$	11	5	0	0	0
IV	RESEARCH, CONSULTANCY AND EXTENSION ACTIVITIES	A	B	C	D	E
1	National and International conferences organized		/			
2	Patents registered		/			
3	Patents published		/			
4	On-going Research Project details					/
5	Research Projects completed and grants received					/
6	Faculty publications (SCI / Web of Science / Scopus)	/				
7	Faculty h-index	/				
8	Faculty i10-index		/			
9	Book Chapter details			/		
10	Research Awards received by faculty and students					/
11	Consultancy Services provided and funds received					/
12	Promotion of Industry Institute Interaction and R & D		/			
	$10 + 20 + 3 + 0 + 6 = 37 / 60 \times 100 = 62$	2	5	1	0	4
V	EFFECTIVE USE OF ICT	A	B	C	D	E
1	PPT prepared by faculty	/				
2	Smart Room usage register		/			
3	Industry Tie-up programmes		/			
4	Learning Materials provided	/				
5	Other Interactive materials prepared / used, NPTEL course content used			/		
	$10 + 8 + 3 + 0 + 0 = 21 / 25 \times 100 = 84$	2	2	1	0	0
VI	STUDENT SUPPORT AND PROGRESSION	A	B	C	D	E
1	Mentorship details	/				
2	Alumni Interaction programme conducted	/				
3	Question Bank	/				
4	Placement details		/			
5	Student Counselling details			/		
6	Student Membership details IEEE, IET, ISTE, CSI, NCSSS and other professional bodies				/	
	$15 + 4 + 3 + 2 + 0 = 24 / 30 \times 100 = 80$	3	1	1	1	0
VII	GOVERNANCE AND LEADERSHIP	A	B	C	D	E
1	Faculty Awards				/	
2	Industry Academic Collaborations			/		
3	Faculty Ph.D details			/		
4	Parent Teacher Meeting details					/
5	Training Programme organized for Professional Development of Teaching / Non-Teaching staff					/
	$0 + 0 + 6 + 2 + 2 = 10 / 25 \times 100 = 40$	0	0	2	1	2

Name of the Department: *Physics*

(2021 – 2022) Date: *30/1/23*

Letter grade	Weightage
A	5
B	4
C	3
D	2
E	1

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \text{ ---- (1)}$$

$$C_2 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (2)}$$

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 95 \times 100 \text{ ---- (3)}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 60 \times 100 \text{ ---- (4)}$$

$$C_5 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (5)}$$

$$C_6 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 30 \times 100 \text{ ---- (6)}$$

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (7)}$$

C_a – Number of times 'A' rating has obtained in that category

C_b – Number of times 'B' rating has obtained in that category

C_c – Number of times 'C' rating has obtained in that category

C_d – Number of times 'D' rating has obtained in that category

C_e – Number of times 'E' rating has obtained in that category

The department performance index (Absolute) P_a :

$$P_a = [(172 + 96 + 176 + 124 + 84 + 80 + 40) / 10] = 77.2$$

The department performance index (Relative) P_r : *91.86*

$$P_r = P_a / \text{Max } (P_a)$$

Observations of the Academic Audit Committee Members

* Curricular Aspects, Feedback, Teaching Learning Process, Use of ICT, Student Support and Progression are Excellent and Monumental.

* Research, Consultancy and Extension Activities are Good and can be improved.

* Special Care has to be given in Governance and Leadership.

Name of the Department: *Physics*

(2021 – 2022) Date: *30/1/2023*

Overall Observations

1. Motivate the Faculty members to apply for research related projects.
2. Improvement required in consultancy services as it is very poor.
3. Parent-Teachers meeting has to be conducted in order to inform the status of students.
4. Organize professional development training programme for


S. FELIX STEPHEN

Name & Signature


23/2/23

Dr. J.P. Jayan
Director IQAC

Noorul Islam Centre for Higher Education
Kumaracoil - 629180, Kanyakumari District
Tamil Nadu.

Teaching and Non-Teaching staff members.


13/3/23

Prof. Dr. A. Shafin Murgan, M.E., Ph.D.
Director-Academic Affairs
Noorul Islam Centre for Higher Education
Kumaracoil, Thuckalay.

NOORUL ISLAM CENTRE FOR HIGHER EDUCATION, KUMARACOIL

(Declared as Deemed-to-be-University under section 3 of the UGC Act 1956)

ACADEMIC ASSESSMENT AUDIT

Name of the Department: Allied Health Sciences (2021 – 2022) Date: 2/2/22

Sl.No	Description	Five Point Scale				
I	CURRICULAR ASPECTS	A	B	C	D	E
1	Lecture Plan	/				
2	Lab Plan	/				
3	Incorporation of BOS Meetings Recommendations	/				
4	New Electives Introduced					
5	Class Committee	/				
6	Programme Committee	/				
7	Academic - Course Registration	/				
8	Intramural - Course Registration	/				
9	Extension Activities	/				
10	Lab Manual	/				
	$45 \times 10 + 0 + 0 + 0 + 0 = 45 / 45 \times 100 = 100$	9	0	0	0	0
	$CI = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100$					
II	FEEDBACK	A	B	C	D	E
1	Student feedback about faculty	/				
2	Feedback from Student regarding curriculum	/				
3	Feedback from Staff regarding curriculum	/				
4	Feedback from Alumni regarding curriculum	/				
5	Feedback from Experts (Academic / Industry) student regarding curriculum		/			
	$20 + 4 \times 10 + 0 + 0 + 0 = 24 / 25 \times 100 = 96$	4	1	0	0	0
III	TEACHING LEARNING PROCESS	A	B	C	D	E
1	Remedial course details		/			
2	Slow learner details		/			
3	Student participation in Seminar / Conference / Symposium					/
4	Seminar / Workshop / Training Programme organized	/				
5	Technical Symposium organized		/			
6	Invited Experts / Eminent Professor / Guest Lecture / Scientist details		/			
7	Project Work details		/			
8	Student Publications					/
9	Faculty Training Programme				/	
10	Faculty participation in Seminar / Conference		/			
11	Industrial visit / NSS / Annual Sports Meet participation		/			
12	Internship Training details		/			
13	Syllabus coverage details	/				
14	Lab coverage details	/				
15	Course Attainment		/			

Name of the Department: Allied Health Science (2021 – 2022) Date: 2/2/23

16	Internal Assessment details	/				
17	Series Test Marks and Analysis	/				
18	End Semester details, Result Analysis and Rank list	/				
19	Student Arrear details	/				
	$35+36+0+2+2=75/95 \times 100 = 79$	7	9	0	1	2
IV	RESEARCH, CONSULTANCY AND EXTENSION ACTIVITIES	A	B	C	D	E
1	National and International conferences organized					/
2	Patents registered				/	
3	Patents published				/	
4	On-going Research Project details					/
5	Research Projects completed and grants received					/
6	Faculty publications (SCI / Web of Science / Scopus)			/		
7	Faculty h-index		/			
8	Faculty i10-index		/			
9	Book Chapter details					/
10	Research Awards received by faculty and students			/		
11	Consultancy Services provided and funds received					/
12	Promotion of Industry Institute Interaction and R & D			/		
	$0+8+9+4+5=26/60 \times 100 = 43$	0	2	3	2	5
V	EFFECTIVE USE OF ICT	A	B	C	D	E
1	PPT prepared by faculty	/				
2	Smart Room usage register	/				
3	Industry Tie-up programmes		/			
4	Learning Materials provided		/			
5	Other Interactive materials prepared / used, NPTEL course content used					/
	$10+8+10+10+1=19/25 \times 100 = 76$	2	2	0	0	1
VI	STUDENT SUPPORT AND PROGRESSION	A	B	C	D	E
1	Mentorship details	/				
2	Alumni Interaction programme conducted					/
3	Question Bank	/				
4	Placement details		/			
5	Student Counselling details		/			
6	Student Membership details IEEE, IET, ISTE, CSI, NCSSS and other professional bodies					/
	$10+8+10+10+2=20/30 \times 100 = 67$	2	2	0	0	2
VII	GOVERNANCE AND LEADERSHIP	A	B	C	D	E
1	Faculty Awards			/		
2	Industry Academic Collaborations		/			
3	Faculty Ph.D details		/			
4	Parent Teacher Meeting details				/	
5	Training Programme organized for Professional Development of Teaching / Non-Teaching staff					/
	$0+8+3+2+1=14/25 \times 100 = 56$	0	2	1	1	1

Name of the Department: *Allied Health Science* (2021 – 2022) Date: *2/2/25*

Letter grade	Weightage
A	5
B	4
C	3
D	2
E	1

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \text{ ---- (1)}$$

$$C_2 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (2)}$$

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 95 \times 100 \text{ ---- (3)}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 60 \times 100 \text{ ---- (4)}$$

$$C_5 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (5)}$$

$$C_6 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 30 \times 100 \text{ ---- (6)}$$

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 25 \times 100 \text{ ---- (7)}$$

C_a – Number of times 'A' rating has obtained in that category

C_b – Number of times 'B' rating has obtained in that category

C_c – Number of times 'C' rating has obtained in that category

C_d – Number of times 'D' rating has obtained in that category

C_e – Number of times 'E' rating has obtained in that category

The department performance index (Absolute) P_a :

$$P_a = [(C_1 \times 2) + (C_2 \times 1) + (C_3 \times 2) + (C_4 \times 2) + (C_5 \times 1) + (C_6 \times 1) + (C_7 \times 1)] / 10$$

(200 + 96 + 158 + 86 + 76 + 67 + 56) / 10 = 73.9

The department performance index (Relative) P_r : *87.93*

$$P_r = P_a / \text{Max } (P_a)$$

Observations of the Academic Audit Committee Members

- * *Curricular Aspects, Feedback are Excellent and Monumental.*
- * *Teaching Learning Process, Use of ICT, Student Support and Progression are Good and can be improved.*
- * *Special Care should be given in Research, Consultancy and Extension Activities, Governance and Leadership.*

Name of the Department: *Allied Health Science* (2021 – 2022) Date: *2/2/2023*

Overall Observations

1. Conduct more events at the department level.
2. Motivate the faculty members to register for research related projects.
3. Consultancy services is poor and need to be improved.
4. Use online learning resources like NPTEL to train the students.
5. Motivate students to take memberships in professional bodies.


Dr. J.P. Jayan

Name & Signature


2/2/23

Dr. J.P. Jayan
Director IQAC
Noorul Islam Centre for Higher Education
Kumaracoil - 629180, Kanyakumari District
Tamil Nadu.

6. Conduct training programme for the professional development of Teaching and non teaching staff members.
7. Motivate the students to present and publish research works at various reputed conferences and journals.


12/3/23

Prof. Dr. A. Shajin Nargunam, M.E., Ph.D.
Director-Academic Affairs
Noorul Islam Centre for Higher Education
Kumaracoil, Thuckalay.