

Noorul Islam Centre for Higher Education

(Deemed to be University u/s 3 of the UGC Act 1956)

Kumaracoil, Thuckalay, Kanyakumari District - 629 180

Accredited by NAAC with 'A' Grade

Academic Audit Report (2020-2021)



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: *Computer Science & Engg., (2020 - 2021)* Date: *25.11.2021*

SLNo	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>39/45 = 86.67</i>	<i>6</i>	<i>2</i>	<i>-</i>	<i>-</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>16/20 = 80</i>	<i>3</i>	<i>-</i>	<i>-</i>	<i>-</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	✓				

Name of the Department: *Computer Science & Engg.* (2020 – 2021) Date: *25.11.21*

16	Internal Assessment details	✓				
17	Series Test Marks and Analysis	✓				
18	End Semester details, Result Analysis and Rank list	✓				
19	Student Arrear details	✓				
	<i>74/80 = 92.5</i>	<i>13</i>	<i>2</i>	<i>-</i>	<i>-</i>	<i>1</i>
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					✓
	<i>34/60 = 56.67</i>	<i>5</i>	<i>-</i>	<i>1</i>	<i>-</i>	<i>6</i>
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			✓		
	<i>23/25 = 92</i>	<i>4</i>	<i>-</i>	<i>1</i>	<i>-</i>	<i>-</i>
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					✓
	<i>19/30 = 63.3</i>	<i>2</i>	<i>1</i>	<i>1</i>	<i>-</i>	<i>2</i>
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	✓				
	<i>13/20 = 65</i>	<i>2</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>3</i>

Name of the Department: Computer Science & Engg., (2020 – 2021) Date: 25.11.21

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

$$173.34 + 80 + 185 + 113.34 + 92 + 63.3 + 65 = 771.9 = 77.2\%$$

The department performance index (Absolute) P_a : 77.2

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

The department performance index (Relative) P_r : 100

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

Observations of the Academic Audit Committee Members

* Curricular Aspects, Teaching Learning and process and Use of ICT are monumental and Excellent.

* Feedback is good.

* Research Consultancy and extension activities are indigent and special care should be taken.

* Student Support and progression, Co-curricular and leadership should be improved.

A B C D E (57)
35 5 3 - 14³

Name of the Department: Computer Science & Engg., (2020 - 2021) Date: 25.11.21

Overall Observations

1. 14 Es out of 57 Es. Good
2. Pa is 77.2. Good performance
3. Pr is 100 out of 23 departments. Excellent. Congrats.
4. Ranker 1st out of 23 departments. Excellent. Congrats.
5. However whole team should concentrate on R and D, Consultancy, Extension, Governance and Leadership aspects

Dr. N. Chandrashekar
22222

K.A. Janardhanan

S. Palani

Name & Signature

Name & Signature

Name & Signature

Name & Signature

Dr. N. Chandrashekar, BE., Ph.D (IT-M),
Pro. Vice Chancellor
Noorul Islam Centre for Higher Education

Prof. Dr. K.A. JANARDHANAN, M.B.A., M.A.,
DIRECTOR - HRM
NOORUL ISLAM UNIVERSITY
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Dr. R. Mathu Soothana S. Kumar
Director, IQAC,
Noorul Islam Centre for Higher Education,
Kumaracoil, Thuckalay - 629 180.

NOORUL ISLAM CENTRE FOR HIGHER EDUCATION, KUMARACOIL

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ACADEMIC ASSESSMENT AUDIT

Name of the Department: *Mechanical Engg.*, (2020 – 2021) Date: *29.11.2021*

SLNo	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>37/45 = 82.2</i>	4	2	3	-	-
	$C1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100$					
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>16/20 = 80</i>	3	-	-	-	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: *Mechanical Engg.*, (2020 – 2021) Date: *29.11.21*

16	Internal Assessment details	✓				
17	Series Test Marks and Analysis		✓			
18	End Semester details, Result Analysis and Rank list	✓				
19	Student Arrear details			✓		
	<i>72/80 = 90</i>	<i>12</i>	<i>2</i>	<i>1</i>	<i>-</i>	<i>1</i>
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					✓
	<i>36/60 = 60</i>	<i>4</i>	<i>2</i>	<i>1</i>	<i>-</i>	<i>5</i>
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	✓				
	<i>20/25 = 80</i>	<i>3</i>	<i>-</i>	<i>1</i>	<i>1</i>	<i>-</i>
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	✓				
	<i>23/30 = 76.7</i>	<i>3</i>	<i>1</i>	<i>1</i>	<i>-</i>	<i>1</i>
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		✓			
	<i>15/25 = 60</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>

Name of the Department: Mechanical Engg., (2020 – 2021) Date: 29.11.21

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

$$164.4 + 80 + 180 + 120 + 80 + 76.7 + 60 = 761.1 = 76.1$$

The department performance index (Absolute) P_a : 76.1

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

The department performance index (Relative) P_r : 98.6

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

Observations of the Academic Audit Committee Members

- * Teaching Learning and process is monumental and Excellent.
- * Curricular Aspects, Feedback and Use of ICT are good and should be improved.
- * Student support and progression is good.
- * More attention should be given for Research Consultancy and Extension activities and Governance and Leadership.

A B C D E (57)
30 8 8 2 9 3

Name of the Department: Mechanical Engg., (2020 - 2021) Date: 29.11.21

Overall Observations

1. Only 9 Es out of 57 Es. Very Good
2. Pa is 76.1. Good performance
3. Pr is 98.6 out of 23 department. Excellent performance
4. Ranker 2nd out of 23 departments
5. Should concentrate on R & D, Consultancy, Extension, governance and leadership qualities by all faculty members

Dr. N. Chandrashekar
22222

Name & Signature

K. A. Janardhanan

Name & Signature

Dr. R. Mathu Soothana S. Kumar

Name & Signature

S. P. Chandra

Name & Signature

Dr. N. Chandrashekar, BE., Ph.D. (IITM)

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NOORUL ISLAM CENTRE FOR HIGHER EDUCATION, KUMARACOIL

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ACADEMIC ASSESSMENT AUDIT

Name of the Department: Information Technology (2020 - 2021) Date: 27.11.2021

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	✓				
	$40/45 = 88.9$	7	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					✓
	$15/20 = 75$	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: Information Technology (2020 – 2021) Date: 27.11.21

16	Internal Assessment details	✓				
17	Series Test Marks and Analysis	✓				
18	End Semester details, Result Analysis and Rank list	✓				
19	Student Arrear details	✓				
	$75/80 = 93.8$	13	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					✓
	$34/60 = 56.7$	5	-	1	-	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	✓				
	$20/25 = 80$	3	-	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					✓
	$15/30 = 50$	1	1	-	2	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		✓			
	$16/25 = 64$	2	1	-	-	2

Name of the Department: Information Technology (2020 – 2021) Date: 27.11.21

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

$$177.8 + 75 + 187.6 + 113.4 + 80 + 50 + 64 = 748 / 10 = 74.8$$

The department performance index (Absolute) P_a : 74.8

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

The department performance index (Relative) P_r : 96.9

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

Observations of the Academic Audit Committee Members

- * Curricular Aspects and Teaching Learning process are really impressive and Excellent.
- * Feedback and use of ICT are good and should be improved.
- * Special care should be given for Research Consultancy & Extension activities, Student Support and progression, Governance and Leadership.

A B C D E (57)

33 5 4 3 12

Name of the Department: Information Technology (2020 - 2021) Date: 27.11.21

Overall Observations

1. 12 Es out of 57. Good performance
2. Pa is 74.8. Good performance
3. Pr is 96.9 out of 23 departments. Excellent performance
4. Ranker 3rd out of 23 departments.
5. While team should concentrate on R&D, consultancy, Extension better support to students and monitoring their progression, improved governance and leadership activities.

Nishu

22222

K.A. Janardhanan

Dr. R. Mathu

S. Palani Kumar

Name & Signature
Dr. N. Chandrasekhar, B.E., Ph.D (IIT-M),
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Name & Signature
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Name & Signature
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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: Electrical & Electronics Engg. (2020 – 2021) Date: 26.11.2021

SLNo	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		✓			
	$41/45 = 91.1$	5	4	—	—	—
	$C1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100$					
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					✓
	$15/20 = 75$	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	✓				

Electrical & Electronics

Name of the Department:

Engg.,

(2020 - 2021)

Date: 26.11.21

16	Internal Assessment details	✓				
17	Series Test Marks and Analysis	✓				
18	End Semester details, Result Analysis and Rank list		✓			
19	Student Arrear details			✓		
	$59/80 = 73.8$	8	3	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					✓
	$27/60 = 45$	1	3	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		✓			
	$23/25 = 92$	3	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					✓
	$22/30 = 73.3$	2	2	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		✓			
	$16/25 = 64$	2	1	-	-	2

Electrical & Electronics

Name of the Department:

Engg.,

(2020 - 2021) Date: 26.11.21

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

$$182.2 + 75 + 147.6 + 90 + 92 + 73.3 + 64 = 724.1 / 10 = 72.4$$

The department performance index (Absolute) P_a : 72.4

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

The department performance index (Relative) P_r : 93.8

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

Observations of the Academic Audit Committee Members

- * Curricular aspects and use of ICT are monumental and Excellent.
- * Feedback, Teaching learning process, Student Support and progression are good and can be improved.
- * Governance and Leadership should be improved.
- * Research Consultancy & Extension activities is indigent and Special Care should be given.

A B C D E (57)

23 16 3 - 15

Electrical & Electronics

Name of the Department:

Engg.

(2020 - 2021) Date: 26.11.21

Overall Observations

1. 15 Es out of 57 Es. Good Performance
2. Pa is 72.4. Good performance
3. Pr is 93.8 out of 23 departments. Excellent performance.
4. Ranker ^{4th} ~~2nd~~ out of 23 departments.
5. Everyone should concentrate on R&D, Consultancy, Extension, leadership and governance aspects.

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22222

Handwritten signature: K.A. Janardhanan

Handwritten signature

Handwritten signature: S. Palani

Name & Signature
Dr. N. Chandrasekhar, B.E., Ph.D (IIT-M),
Pro. Vice Chancellor
Noorul Islam Centre for Higher Education

Name & Signature

Name & Signature

Name & Signature

Dr. R. Mathu Soothana S. Kumar,
Director, IQAC,
Noorul Islam Centre for Higher Education,
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Prof. Dr. K.A. JANARDHANAN, M.B.A., M.A., M.Phil.
DIRECTOR - HRM
NOORUL ISLAM UNIVERSITY
KUMARACOLI, THUCKALAY - 629 180

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: *Fire Technology & Safety Engg.* (2020 – 2021) Date: *30.11.2021*

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>41/45 = 91.1</i>	7	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			✓		
	<i>18/20 = 90</i>	3	-	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	✓				

Fire Technology &
Name of the Department: *Safety Engg.* (2020 – 2021) **Date:** *30.11.2021*

16	Internal Assessment details	✓				
17	Series Test Marks and Analysis	✓				
18	End Semester details, Result Analysis and Rank list	✓				
19	Student Arrear details					✓
	<i>65/80 = 81.25</i>	<i>11</i>	<i>1</i>	<i>1</i>	<i>-</i>	<i>3</i>
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					✓
	<i>16/60 = 26.7</i>	<i>1</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>11</i>
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			✓		
	<i>22/25 = 88</i>	<i>3</i>	<i>1</i>	<i>1</i>	<i>-</i>	<i>-</i>
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					✓
	<i>20/30 = 66.7</i>	<i>2</i>	<i>2</i>	<i>-</i>	<i>-</i>	<i>2</i>
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		✓			
	<i>12/25 = 48</i>	<i>1</i>	<i>1</i>	<i>-</i>	<i>-</i>	<i>3</i>

Fire Technology & Safety Engg.

Name of the Department: **Safety Engg.** (2020 – 2021) Date: **30.11.21**

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

$$182.2 + 90 + 162.5 + 53.4 + 88 + 66.7 + 48 = 690.8 / 10 = 69.1$$

The department performance index (Absolute) P_a : **69.1**

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

The department performance index (Relative) P_r : **89.5**

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

Observations of the Academic Audit Committee Members

* Curricular Aspects, Feedback and use of ICT are monumental and Excellent.

* Teaching Learning process is good and Can be Improved.

* Student support and progression, Governance and Leadership should have given more attention.

* Research Consultancy and Extension activities are indigent and Special Care should be given.

A B C D E (57)

28 6 3 1 19 3

Name of the Department: Fire Technology & Safety Engg. (2020 - 2021) Date: 30.11.21

Overall Observations

1. 19 Es out of 57 Es. Ave Good performance
2. Pa is 69.1. Average
3. Pr is 89.5 out of 23 departments.
4. Rank ^{5th} ~~4th~~ out of 23 departments
5. Team should concentrate on R & D, Extension, Consultancy, governance and leadership activities

Dr. N. Chandrashekhara
22222

K.A. Janardhanan

S. Palani

Name & Signature
Dr. N. Chandrashekhara, BE., Ph.D (IIT-M),
Pro. Vice Chancellor
Noorul Islam Centre for Higher Education

Name & Signature
Dr. R. Mathu Soothana S. Kumar,
Director, IQAC,
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Name & Signature
Dr. S. Palani

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: *Management Studies* (2020 – 2021) Date: *29.11.2021*

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					
	$26/35 = 74\%$	4	1	-	-	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					✓
	$13/20 = 65$	-	3	-	-	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: *Management Studies* (2020 – 2021) Date: *29.4.21*

16	Internal Assessment details		✓			
17	Series Test Marks and Analysis		✓			
18	End Semester details, Result Analysis and Rank list		✓			
19	Student Arrear details					✓
	<i>56/75 = 74.7</i>	<i>6</i>	<i>5</i>	<i>1</i>	<i>-</i>	<i>3</i>
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					✓
	<i>30/60 = 50</i>	<i>3</i>	<i>2</i>	<i>-</i>	<i>-</i>	<i>7</i>
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		✓			
	<i>23/25 = 92</i>	<i>3</i>	<i>2</i>	<i>-</i>	<i>-</i>	<i>-</i>
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					✓
	<i>14/30 = 46.7</i>	<i>1</i>	<i>1</i>	<i>-</i>	<i>1</i>	<i>3</i>
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	✓				
	<i>17/25 = 68</i>	<i>3</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>2</i>

Name of the Department: Management Studies (2020 – 2021) Date: 29.11.21

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

$$148.4 + 65 + 149.4 + 100 + 92 + 46.7 + 68 = 670$$

The department performance index (Absolute) P_a : 67

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

The department performance index (Relative) P_r : 86.8

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

Observations of the Academic Audit Committee Members

- * Use of ICT is really Excellent.
- * Curricular Aspects, Teaching Learning process are good and should be improved.
- * Feedback, Governance and Leadership should be improved.
- * Research Consultancy and Extension activities, student support and progression are poor and Special Care should be given.

A B C D E (54)

20 14 1 1 18

Name of the Department: Management Studies (2020 - 2021) Date: 29.01.21

Overall Observations

1. 18Es out of 54Es. Good performance
2. Pass 67. Average
3. Pass 86.8 out of 23 departments
4. Rank ^{6th} ~~5th~~ out of 23 departments
5. Team should concentrate on R and D, Consultancy, Extension, More support to students and better monitoring of their progress, improvement in governance and leadership

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K.A. Janardhanan

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Name & Signature
Dr. N. Chandrashekar, B.E., Ph.D (IIT-M),
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Kumaracoil, Thuckalay - 629 180.

Name & Signature
(Signature of Dr. R. Mathu Soothana S. Kumar)

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 Science (2020 – 2021) Date: 04.12.2021

SLNo	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	✓				
	$42/45 = 93.3$	7	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					✓
	$15/20 = 75$	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: *Allied Health Science* (2020 – 2021) Date: *04.12.21*

16	Internal Assessment details	✓				
17	Series Test Marks and Analysis	✓				
18	End Semester details, Result Analysis and Rank list	✓				
19	Student Arrear details	✓				
	<i>60/80 = 75</i>	<i>9</i>	<i>2</i>	<i>1</i>	<i>-</i>	<i>4</i>
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					✓
	<i>26/60 = 43.3</i>	<i>2</i>	<i>2</i>	<i>-</i>	<i>-</i>	<i>8</i>
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	✓				
	<i>19/25 = 76</i>	<i>3</i>	<i>-</i>	<i>1</i>	<i>-</i>	<i>1</i>
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					✓
	<i>16/30 = 53.3</i>	<i>2</i>	<i>-</i>	<i>1</i>	<i>-</i>	<i>3</i>
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					✓
	<i>10/25 = 40</i>	<i>1</i>	<i>-</i>	<i>-</i>	<i>1</i>	<i>3</i>

Name of the Department: *Allied Health Science* (2020-2021) Date: *04.12.21*

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

$$186.6 + 75 + 150 + 86.6 + 76 + 53.3 + 40 = 668 / 10 = 66.8$$

The department performance index (Absolute) P_a : *66.8*

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

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 is monumental and Excellent
- * Feedback, Teaching learning process, & use of ICT are good and can be improved.
- * Student Support and progression is good.
- * Research Consultancy & Extension activities, Governance & Leadership are indigent and more attention can be given for improvements.

A B C D E F (57)
26 6 4 1 20 3

Name of the Department: Allied Health Science (2020-2021) Date: 04.12.21

Overall Observations

1. 20Es out of 57. Average
2. Pa is 66.8. Average.
3. Pr is 86.5 out of 23 departments.
4. ^{7th} Ranker ~~6th~~ out of 23 departments.
5. Whole team is not concentrating on R&D, Consultancy, Extension, ~~sup~~ supporting and monitoring program of students, leadership and governance activities

Abhishek
22222

K.A. Janardhanan

[Signature]

[Signature]

Name & Signature

Dr. N. Chandrashekar, B.E., Ph.D (IIT-M),

Pro. Vice Chancellor

Noorul Islam Centre for Higher Education

Name & Signature

Prof. Dr. K.A. JANARDHANAN, M.B.A., M.A., M.Phil., Ph.D

DIRECTOR - HRM

NOORUL ISLAM UNIVERSITY

KUMARACOIL, THUCKALAY - 629 180

Name & Signature

Dr. R. Mathu Soothana S. Kumar

Director, IQAC,

Noorul Islam Centre for Higher Education,

Kumaracoll. Thuckalay - 629 180.

Name & Signature

Dr. J. Manikumar

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: Electronics & Instrumentation Engg. (2020 – 2021) Date: 26.11.2021

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	✓				
	$39/45 = 86.7$	6	2	-	-	1
	$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100$					
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					✓
	$15/20 = 75$	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	✓				

Electronics & Instrumentation Engg.,

Name of the Department:

(2020 - 2021) Date: 26.11.21

16	Internal Assessment details	✓				
17	Series Test Marks and Analysis	✓				
18	End Semester details, Result Analysis and Rank list	✓				
19	Student Arrear details	✓				
	$67/80 = 83.8$	12/1	-	-	-	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					✓
	$26/60 = 43.3$	3	-	1	-	8
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	✓				
	$16/25 = 64$	2	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					✓
	$15/30 = 50$	1	1	1	-	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		✓			
	$11/25 = 44$	-	2	-	-	3

Electronics & Instrumentation

Name of the Department:

Engg.,

(2020 - 2021)

Date: 26.11.21

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

Category wise percentage is calculated with the following formula

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

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

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

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

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

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

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

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

$$173.4 + 75 + 167.6 + 86.6 + 64 + 50 + 44 = 660.6 / 10 = 66.1$$

The department performance index (Absolute) P_a : 66.1

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

The department performance index (Relative) P_r : 85.6

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

Observations of the Academic Audit Committee Members

* Curricular aspects, Teaching learning process are monumental and Excellent.

* Feedback and use of ICT are good and can be improved.

* Research consultancy & Extension activities, Student support and progression, Governance and leadership are indigent and more attention should be given.

A B C D E (57)

26 8 2 - 21³

Electronics & Instrumentation

Name of the Department:

Engg.,

(2020 - 2021)

Date: 26.11.2021

Overall Observations

1. 21 Es out of 57. Average
2. Pa is 66.1. Average
3. Pr is 85.6 out of 23 departments.
4. Rank is ^{8th} out of 23 departments.
5. Everyone should concentrate on R&D, Consultancy, Extension, leadership and governance activities. Support to students and monitoring progress should be more.

Alshikh

22222

K.A. Janardhanan

Dr. R. Mathu

S. Kumar

Name & Signature
Dr. N. Chandrasekhar, B.E., Ph.D (IIT-M),
Pro. Vice Chancellor
Noorul Islam Centre for Higher Education

Name & Signature

Name & Signature

Name & Signature

Dr. R. Mathu Soothana S. Kumar
Director, IQAC,

PROF. DR. K. A. JANARDHANAN, M.B.A., M.A., M.Phil., Ph.D.
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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: *Master of Computer Applications* (2020 – 2021) Date: *30.11.2021*

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>40/45 = 88.9</i>	<i>7</i>	<i>1</i>	<i>-</i>	<i>-</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>15/20 = 75</i>	<i>2</i>	<i>1</i>	<i>-</i>	<i>-</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	✓				

Master of Computer Applications (2020 - 2021)

Name of the Department: Date: 30.11.21

16	Internal Assessment details	✓				
17	Series Test Marks and Analysis	✓				
18	End Semester details, Result Analysis and Rank list	✓				
19	Student Arrear details	✓				
	$58/80 = 72.5$	10	-	1	-	5
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					✓
	$24/60 = 40$	1	2	1	-	8
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			✓		
	$19/25 = 76$	3	-	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					✓
	$21/30 = 70$	2	1	2	-	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			✓		
	$9/25 = 36$	-	-	2	-	3

Name of the Department:

Master of Computer Applications

(2020 - 2021) Date: 30.11.21

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

$$177.8 + 75 + 145 + 80 + 76 + 70 + 36 = 660 / 10 = 66$$

The department performance index (Absolute) P_a : 66

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

The department performance index (Relative) P_r : 85.5

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

Observations of the Academic Audit Committee Members

- * Curricular aspects are really impressive and Excellent.
- * Feedback, Teaching learning process, Use of ICT, Student Support and progression are good and can be improved.
- * Research Consultancy and Extension activities, Governance & Leadership are indigent and more attention should be given.

A B C D E (51)
25 5 7 - 20³

Master of Computer Applications

Name of the Department:

(2020 - 2021)

Date: 30.11.21

Overall Observations

1. 20 Es out of 57. Average
2. Pa is 65. Average
3. Pr is 85.5 out of 23 departments
4. Ranks ^{9th} out of 23 departments
5. Whole team should concentrate on teaching-learning, R & D, Consultancy, Extension, leadership and governance activities

Abshukh
22222

K. A. Janardhanan

Dr. R. Mathu Soothana

S. Palani

Name & Signature
Dr. M. Chandrasekhar, B.E., Ph.D (IIT-M),
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Name & Signature

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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: Auto mobile Engg. (2020 – 2021) Date: 23.11.2021

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			✓		
	$38/45 = 84.4$	6	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					✓
	$15/20 = 75$	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: *Automobile Engg.*, (2020 – 2021) Date: *23.11.21*

16	Internal Assessment details	✓				
17	Series Test Marks and Analysis	✓				
18	End Semester details, Result Analysis and Rank list	✓				
19	Student Arrear details	✓				
	<i>58/80 = 72.5</i>	<i>7</i>	<i>4</i>	<i>1</i>	<i>-</i>	<i>4</i>
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					✓
	<i>31/60 = 51.7</i>	<i>4</i>	<i>1</i>	<i>-</i>	<i>-</i>	<i>7</i>
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	✓				
	<i>17/25 = 68</i>	<i>3</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>2</i>
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					✓
	<i>18/30 = 60</i>	<i>2</i>	<i>-</i>	<i>2</i>	<i>-</i>	<i>2</i>
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		✓			
	<i>9/25 = 36</i>	<i>-</i>	<i>1</i>	<i>-</i>	<i>1</i>	<i>3</i>

Name of the Department: Automobile Engg., (2020-2021) Date: 23.11.21

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

$$168.8 + 75 + 145 + 103.4 + 68 + 60 + 36 = 656 / 10 = 65.6$$

The department performance index (Absolute) P_a : 65.6

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

The department performance index (Relative) P_r : 85

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

Observations of the Academic Audit Committee Members

- * Curricular aspects, Feedback, Teaching learning process are good and can be improved.
- * Special care should be given for Research Consultancy & Extension activities, use of ICT & Student Support & progression for improvements.
- * Governance & Leadership is indigent & more attention can be given for improvement.

A	B	C	D	E	(57)
24	8	4	1	20	3

Name of the Department: Automobile Engg., (2020 - 2021) Date: 23.11.21

Overall Observations

1. 20 Es out of 57. Average
2. Pa is 65.6. Average
3. Pr is 85 out of 23 departments
4. Ranker ^{10th} ~~9th~~ out of 23 departments
5. Whole team should concentrate on R & D, Consultancy, Extension, leadership and governance activities



Name & Signature

Dr. N. Chandrashekar, B.E., Ph.D (III-III)

Pro. Vice Chancellor

Noorul Islam Centre for Higher Education



Name & Signature

Prof. Dr. K.A. JANARDHANAN, M.B.A., M.A., M.Phil.

DIRECTOR - HRM

NOORUL ISLAM UNIVERSITY

KUMARACOIL, THUCKALAY - 629 180



Name & Signature

Dr. R. Mathu Soothana S. Kumar

Director, IQAC,

Noorul Islam Centre for Higher Education,

Kumaracoil, Thuckalay - 629 180.



Name & Signature

Dr. P. Anand Kumar

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: Maths (2020 – 2021) Date: 02.12.2021

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					
	$26/35 = 74.3$	3	1	2	-	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					✓
	$16/20 = 80$	3	-	-	-	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: Maths(2020 – 2021) Date: 02.12.21

16	Internal Assessment details	✓				
17	Series Test Marks and Analysis	✓				
18	End Semester details, Result Analysis and Rank list	✓				
19	Student Arrear details	✓				
	$54/70 = 77.14$	8	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					✓
	$22/60 = 36.7$	-	3	-	1	8
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	✓				
	$16/20 = 80$	3	-	-	-	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					✓
	$22/30 = 73.3$	4	-	-	-	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					✓
	$9/25 = 36$	1	-	-	-	4

Name of the Department: Maths

(2020 - 2021) Date: 02.12.21

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

$$148.6 + 80 + 154.3 + 73.4 + 80 + 73.3 + 36 = 645.6 / 10 = 64.6$$

The department performance index (Absolute) P_a : 64.6

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

The department performance index (Relative) P_r : 83.7

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

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.
- * Research Consultancy & Extension activities, Governance & Leadership are indigent and special care can be given for improvements.

A B C D E F (52)
22 6 3 1 20 3

Name of the Department: Maths

(2020 - 2021) Date: 02.12.21

Overall Observations

1. 20 Es out of 52. Average performance
2. Absolute performance index is 64.6. Average performance
3. Relative performance index is 83.7 out of 23 departments.
4. Department ranks ^{11th} out of 23 departments.
5. Everyone should concentrate on Research, Consultancy, Extension activities, leadership & governance aspects.

[Signature]

Name & Signature

Dr. N. Chandrashekar, BE., Ph.D (IIT-M,

Pro. Vice Chancellor

Noorul Islam Centre for Higher Education

[Signature]

Name & Signature

Dr. K. A. JANARDHANAN, M.B.A., M.A., M.Phil., Ph.D

DIRECTOR - HRM

NOORUL ISLAM UNIVERSITY
KUMARACOIL, THUCKALAY - 629 180

[Signature]

Name & Signature

Dr. R. Mathu Soothana S. Kumar,
Director, IQAC,

Noorul Islam Centre for Higher Education,
Kumaracoil, Thuckalay - 629 180.

[Signature]

Name & Signature

S. Kumar,
Dr. S. PALANI KUMAR

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: Chemistry (2020 – 2021) Date: 03.12.2021

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	✓				
	$CI = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100$	5	-	-	-	4
	$29/45 = 64.4$					
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	✓				
	$20/20 = 100$	4	-	-	-	-
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*(2020 – 2021) Date: *03.12.21*

16	Internal Assessment details	✓				
17	Series Test Marks and Analysis	✓				
18	End Semester details, Result Analysis and Rank list	✓				
19	Student Arrear details					✓
	<i>56/80 = 70</i>	<i>10</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>6</i>
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					✓
	<i>39/60 = 65</i>	<i>3</i>	<i>5</i>	<i>-</i>	<i>-</i>	<i>4</i>
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			✓		
	<i>13/25 = 52</i>	<i>1</i>	<i>-</i>	<i>2</i>	<i>-</i>	<i>2</i>
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					✓
	<i>16/30 = 53.3</i>	<i>2</i>	<i>-</i>	<i>1</i>	<i>-</i>	<i>3</i>
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	✓				
	<i>9/25 = 36</i>	<i>1</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>4</i>

Name of the Department: Chemistry

(2020 – 2021) Date: 03.12.21

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

$$128.8 + 100 + 140 + 130 + 52 + 53.3 + 36 = 640.1 / 10 = 64$$

The department performance index (Absolute) P_a : 64

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

The department performance index (Relative) P_r : 83

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

Observations of the Academic Audit Committee Members

- * Feedback is really impressive and Excellent.
- * Curricular aspects, Teaching learning process, Research Consultancy & Extension activities are good and can be improved.
- * Use of ICT, Student support & progression should be improved with special care.
- * Governance & leadership is indigent and special care should be given.

A B C D E (57)
26 5 3 - 23 3

Name of the Department: Chemistry

(2020 - 2021) Date: 03.12.21

Overall Observations

1. 23 Es out of 57. Average performance
2. Absolute performance Index Pa is 64 - Average
3. Relative performance index Ar out of 23 departments is 83.
4. Department ranks ~~11th~~ ^{12th} out of 23 departments.
5. Should concentrate on R&D, consultancy, extension activities, leadership, governance, students support and their program.



Dr. N. Chandrasekhar, Ph.D (IITM)

Pro. Vice Chancellor

Noorul Islam Centre for Higher Education



Prof. Dr. K.A. JANARDHANAN, M.B.A., M.A., M.Phil., Ph.D

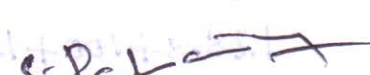
DIRECTOR - HRM

NOORUL ISLAM UNIVERSITY
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Dr. R. Mathu Soothana

Director, IQAC,
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Kumaracoil, Thuckalay - 629 180.



Dr. S. Palani

Dr. S. Palani

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

(2020 – 2021) Date: 3.12.2021

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	✓				
	$C1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100$	6	1	1	-	1
	$38/45 = 84.4$					
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					✓
	$10/20 = 50$	1	-	1	-	2
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*(2020 – 2021) Date: *03.12.21*

16	Internal Assessment details	✓				
17	Series Test Marks and Analysis	✓				
18	End Semester details, Result Analysis and Rank list	✓				
19	Student Arrear details	✓				
	<i>70/80 = 87.5</i>	<i>8</i>	<i>7</i>	<i>-</i>	<i>1</i>	<i>-</i>
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					✓
	<i>26/60 = 43.3</i>	<i>2</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>7</i>
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		✓			
	<i>15/25 = 60</i>	<i>1</i>	<i>2</i>	<i>-</i>	<i>-</i>	<i>2</i>
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					✓
	<i>14/30 = 46.7</i>	<i>2</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>4</i>
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			✓		
	<i>11/25 = 44</i>	<i>-</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>2</i>

Name of the Department: Physics

(2020 - 2021) Date: 03.12.21

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

$$168.8 + 50 + 175 + 86.6 + 60 + 46.7 + 44 = 631.1 / 10 = 63.1$$

The department performance index (Absolute) P_a : 63.1

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

The department performance index (Relative) P_r : 81.7

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

Observations of the Academic Audit Committee Members

- * Curricular Aspects and Teaching Learning process are good.
- * use of IET should be improved.
- * Much more importance should be given for Feedback.
- * Research Consultancy & Extension activities, Student support and progression, Governance and leadership are very poor and more attention should be given.

A B C D E (57)
20 12 4 3 18 ³

Name of the Department: Physics

(2020 - 2021) Date: 03.12.21

Overall Observations

1. 18 Es out of 57 Es. Average performance
2. Absolute performance index P_a in 63.1 - Average
3. Relative performance index P_r is 81.7 out of 23 departments.
4. Department ranks ^{13th} from bottom or 12th out of 23 departments.
5. Faculty should concentrate on R&D, Consultancy, extension activities, support to students and their progression activities



Dr. N. Chandrasekhar, Ph.D. (IIT-M)

Pro. Vice Chancellor

Noorul Islam Centre for Higher Education



Name & Signature

Dr. K.A. JANARDHANAN, M.B.A., M.A., M.Phil., Ph.D.

DIRECTOR - HRM

NOORUL ISLAM UNIVERSITY

KUMARACOIL, THUCKALAY - 629 180

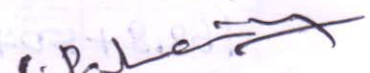


Name & Signature

Dr. R. Mathu Soothana S. Kumar,
Director, IQAC,

Noorul Islam Centre for Higher Education,

Kumaracoil, Thuckalay - 629 180.



Name & Signature

Dr. R. Manikumar

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: *Civil Engg.,*

(2020 – 2021) Date: *24.11.2021*

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>35/45 = 77.8</i>	<i>2</i>	<i>6</i>	<i>-</i>	<i>-</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>13/20 = 65</i>	<i>-</i>	<i>3</i>	<i>-</i>	<i>-</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	✓				

Name of the Department: *Civil Engg.,*(2020 – 2021) Date: *24.11.21*

16	Internal Assessment details	✓				
17	Series Test Marks and Analysis	✓				
18	End Semester details, Result Analysis and Rank list		✓			
19	Student Arrear details	✓				
	<i>65/80 = 81.25</i>	<i>11</i>	<i>1</i>	<i>1</i>	<i>-</i>	<i>3</i>
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					✓
	<i>22/60 = 36.7</i>	<i>1</i>	<i>2</i>	<i>-</i>	<i>-</i>	<i>9</i>
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		✓			
	<i>20/25 = 80</i>	<i>3</i>	<i>1</i>	<i>-</i>	<i>-</i>	<i>1</i>
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					✓
	<i>14/30 = 46.7</i>	<i>1</i>	<i>-</i>	<i>-</i>	<i>2</i>	<i>3</i>
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		✓			
	<i>12/25 = 48</i>	<i>1</i>	<i>1</i>	<i>-</i>	<i>-</i>	<i>3</i>

Name of the Department: Civil Engg. (2020-2021) Date: 24.11.21

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

$$155.6 + 65 + 162.5 + 73.4 + 80 + 46.7 + 48 = 631 / 10 = 63.1$$

The department performance index (Absolute) P_a : 63.1

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

The department performance index (Relative) P_r : 81.7

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

Observations of the Academic Audit Committee Members

- * Curricular aspects, Teaching Learning process and use of ICT are really good.
- * Feedback should be improved with special care.
- * Research Consultancy and Extension activities, Student support and progression, Governance and leadership are indigent and more attention should be given for improvement.

A B C D E (57)
19 14 1 2 21 3

Name of the Department: Civil Engg., (2020 - 2021) Date: 24.11.21

Overall Observations

1. 21 Es out- 57. Poor Performance
2. Absolute performance index P_o is 63.1 - Average
3. Relative performance index P_r is 81.7 out of 23 departments
4. Department ranks 19th from bottom or ~~13th~~ ^{14th} out of 23 departments.
5. Everyone should put lot efforts in R & D, Consultancy, Extension activities, support to students & their progression, governance and leadership activities



Name & Signature

Dr. N. Chandrashekhar, BE., Ph.D (IIT-M,

Pro. Vice Chancellor

Noorul Islam Centre for Higher Education



Name & Signature

Dr. K. A. JANARDHANAN, M.B.A., M.A., M.Phil., Ph.D

DIRECTOR, HRM

NOORUL ISLAM UNIVERSITY

KUMARACOIL, THUCKALAY - 629 180



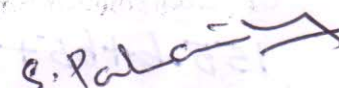
Name & Signature

Dr. R. Mathu Soothana S. Kumar,

Director, IQAC,

Noorul Islam Centre for Higher Education,

Kumaracoil, Thuckalay - 629 180.



Name & Signature

S. Palani (B.T.S. - P.A. Anil Kumar)

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 Technology* (2020 – 2021) Date: *01.12.2021*

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>31/45 = 68.9</i>	<i>4</i>	<i>2</i>	<i>-</i>	<i>-</i>	<i>3</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>15/20 = 75</i>	<i>2</i>	<i>1</i>	<i>-</i>	<i>-</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		✓			

Name of the Department: *Nano Technology* (2020 – 2021) Date: *01.12.21*

16	Internal Assessment details	✓				
17	Series Test Marks and Analysis		✓			
18	End Semester details, Result Analysis and Rank list	✓				
19	Student Arrear details					✓
	<i>47/80 = 58.8</i>	<i>5</i>	<i>3</i>	<i>1</i>	<i>-</i>	<i>7</i>
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					✓
	<i>36/60 = 60</i>	<i>6</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>6</i>
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		✓			
	<i>16/25 = 64</i>	<i>2</i>	<i>1</i>	<i>-</i>	<i>-</i>	<i>2</i>
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					✓
	<i>19/30 = 63.3</i>	<i>2</i>	<i>1</i>	<i>1</i>	<i>-</i>	<i>2</i>
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					✓
	<i>6/25 = 24</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>1</i>	<i>4</i>

Name of the Department: *Nano Technology* (2020 – 2021) Date: *01.12.21*

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

$$137.8 + 75 + 117.6 + 120 + 64 + 63.3 + 24 = 601.7 / 10 = 60.2$$

The department performance index (Absolute) P_a : *60.2*

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

The department performance index (Relative) P_r : *78*

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

Observations of the Academic Audit Committee Members

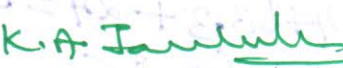
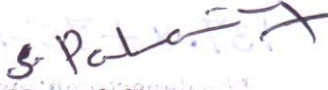
- * Feedback is good and can be improved.
- * Curricular aspects, Teaching Learning process, Research Consultancy & Extension activities, use of ICT, student support and progression should have given more attention for improvement.
- * Governance & Leadership is indigent and special care should be given.

A B C D E (57)
21 8 2 1 25

Name of the Department: *Nano Technology* (2020 - 2021) Date: *01.12.21*

Overall Observations

1. 25 Es out of 57 Es. Poor Performance
2. Absolute performance index Pr is 60.2 is average.
3. Relative performance Pr is 78 out of 23 departments.
4. Department is in 9th position from bottom or ~~15th~~ ^{15th} from top out of 23 departments.
5. Whole team should put lot of efforts in R&D, consultancy, extension activities, leadership, governance, teaching-learning aspects.

			
Name & Signature	Name & Signature	Name & Signature	Name & Signature
Dr. N. Chandrashekhhar, B.E., Ph.D (IIT-M, Pro. Vice Chancellor, Noorul Islam Centre for Higher Education	Dr. K.A. JANARDHANAN, M.B.A., M.A., M.Phil., DIRECTOR - HRM NOORUL ISLAM UNIVERSITY KUMARACOIL, THUCKALAY	Dr. R. Mathu S. Kumar, Director, IQAC, Noorul Islam Centre for Higher Education, Kumaracoil. Thuckalay - 629 180.	

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: Msc Software Engg (2020 - 2021) Date: 01.12.2021

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	✓				
	$32/45 = 71.1$	5	1	-	-	3
	$C1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100$					
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					✓
	$15/20 = 75$	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: *Msc s/w Engg.* (2020 – 2021) Date: *01.12.21*

16	Internal Assessment details		✓				
17	Series Test Marks and Analysis		✓				
18	End Semester details, Result Analysis and Rank list		✓				
19	Student Arrear details		✓				
	<i>52/80 = 65</i>	<i>7</i>	<i>2</i>	<i>1</i>	<i>-</i>	<i>6</i>	
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					✓	
	<i>26/60 = 43.3</i>	<i>2</i>	<i>2</i>	<i>-</i>	<i>-</i>	<i>8</i>	
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					✓	
	<i>12/20 = 60</i>	<i>2</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>2</i>	
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					✓	
	<i>14/30 = 46.7</i>	<i>1</i>	<i>-</i>	<i>1</i>	<i>2</i>	<i>2</i>	
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					✓	
	<i>13/25 = 52</i>	<i>2</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>3</i>	

Name of the Department: Msc s/w Engg.,

(2020 - 2021) Date: 01.12.21

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

$$142.2 + 75 + 130 + 86.6 + 60 + 46.7 + 52 = 592.5 / 10 = 59.3$$

The department performance index (Absolute) P_a : 59.3

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

The department performance index (Relative) P_r : 76.8

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

Observations of the Academic Audit Committee Members

- * Curricular aspects and Feedback are good and can be improved.
- * More attention should be given for Teaching Learning process and use of ICT.
- * Research Consultancy & Extension activities, Student Support & progression, Governance & Leadership are indigent and Special Care should be given.

A B C D E (56)

21 6 2 2 25³

Name of the Department: Msc s/w Engg., (2020 - 2021) Date: 01.12.21

Overall Observations

1. 25 Es out of 56 Es. Poor performance.
2. Absolute performance is 59.3 which is poor.
3. Relative performance is 76.8 out of 23 departments.
4. Hence department stands 8th from bottom or 16th from top out of 23 departments.
5. All the faculty should put all their efforts in Research, Consulting, Extension activities, teaching-learning, aspects.



Dr. N. Chandrasekhar, M.A., M.D. (IIT-M),
Pro. Vice Chancellor
Noorul Islam Centre for Higher Education



Name & Signature



Name & Signature



Name & Signature

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K.A. JANARDHANAN, M.B.A., M.A., M.Phil., Ph.D.
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S. P. KUMAR, M.A., M.A., M.Phil., Ph.D.
PAANIKUMAR

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.*, (2020 – 2021) Date: *24.11.2021*

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>34/45 = 75.6</i>	<i>5</i>	<i>1</i>	<i>1</i>	<i>-</i>	<i>2</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>15/20 = 75</i>	<i>2</i>	<i>1</i>	<i>-</i>	<i>-</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			✓		

Name of the Department: *Biomedical Engg.*, (2020 – 2021) Date: *24.11.21*

16	Internal Assessment details	✓				
17	Series Test Marks and Analysis	✓				
18	End Semester details, Result Analysis and Rank list	✓				
19	Student Arrear details					✓
	<i>48/80 = 60</i>	<i>7</i>	<i>-</i>	<i>2</i>	<i>-</i>	<i>7</i>
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					✓
	<i>27/60 = 45</i>	<i>3</i>	<i>1</i>	<i>-</i>	<i>-</i>	<i>8</i>
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	✓				
	<i>20/25 = 80</i>	<i>3</i>	<i>1</i>	<i>-</i>	<i>-</i>	<i>1</i>
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					✓
	<i>10/30 = 33.3</i>	<i>1</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>5</i>
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					✓
	<i>5/25 = 20</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>5</i>

Name of the Department: Biomedical Engg., (2020 – 2021) Date: 24.11.21

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

$$151.2 + 75 + 120 + 90 + 80 + 33.3 + 20 = 570/10 = 57$$

The department performance index (Absolute) P_a : 57

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

The department performance index (Relative) P_r : 73.8

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

Observations of the Academic Audit Committee Members

- * Curricular aspects, Feedback & use of ICT are good and can be improved.
- * More attention should be given for Teaching learning process for improvement.
- * Research Consultancy & Extension activities, Student support & progression, Governance & leadership are indigent and special care can be given for improvements.

A B C D E (57)
21 4 3 - 29

Name of the Department: Biomedical Engg.; (2020 - 2021) Date: 24.11.21

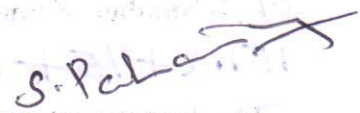
Overall Observations

1. 29 Es out of 57 Es. Poor performance.
2. Absolute performance P_a is only 57. Poor performance
3. Relative performance P_r is 73.8. Average performance
4. Hence department stands 7th from bottom or 17th out of 23 departments
5. Team should concentrate on R&T, Consultancy, extension activities, supporting students, monitoring their progress, leadership and governance aspects.


Name & Signature
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Name & Signature
Dr. J. PALANI KUMAR

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: *Marine Engg.*, (2020 – 2021) Date: *27.11.2021*

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>33/45 = 73.3</i>	<i>6</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>3</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>8/20 = 40</i>	<i>1</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>3</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: *Marine Engg.*, (2020 – 2021) Date: *27.11.21*

16	Internal Assessment details	✓				
17	Series Test Marks and Analysis	✓				
18	End Semester details, Result Analysis and Rank list		✓			
19	Student Arrear details					✓
<i>47/80 = 58.75</i>		<i>6</i>	<i>1</i>	<i>2</i>	<i>-</i>	<i>7</i>
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					✓
<i>21/60 = 35</i>		<i>-</i>	<i>3</i>	<i>-</i>	<i>-</i>	<i>9</i>
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	✓				
<i>17/25 = 68</i>		<i>3</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>2</i>
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			✓		
<i>20/30 = 66.7</i>		<i>2</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>
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					✓
<i>5/25 = 20</i>		<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>5</i>

Name of the Department: Marine Engg., (2020 – 2021) Date: 27.11.21

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

$$146.6 + 40 + 117.5 + 70 + 68 + 66.7 + 20 = 528.8 / 10 = 52.9$$

The department performance index (Absolute) P_a : 52.9

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

The department performance index (Relative) P_r : 68.5

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

Observations of the Academic Audit Committee Members

- * Curricular aspects, use of ICT, student support and progression are good and can be improved.
- * More attention should be given for Teaching learning process for improvement.
- * Feedback, Research Consultancy & Extension activities, Governance & Leadership are indigent and special care can be given for improvements.

A B C D E (57)
18 5 3 1 30 ³

Name of the Department: Marine Engg., (2020 - 2021) Date: 27.11.21

Overall Observations

1. 30 Es out of 57 Es. ~~Very~~ poor performance
2. Absolute performance Pa is only 52.9
3. Even relative performance ^{for} out of 23 departments is only 68.2
4. Hence department stands 5th from bottom or ~~18th~~ out of 23 departments
5. Needs team efforts ⁱⁿ feedback, Teaching-learning, R&D cum Consultancy, leadership and governance aspects


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Name & Signature

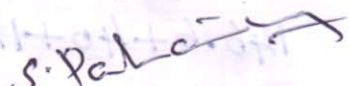
Dr. M. Chandrashekar, BE., Ph.D (IIT-M),
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Noorul Islam Centre for Higher Education


Name & Signature

Prof. Dr. K. A. JANARDHANAN, M.B.A., M.A., M.Phil.,
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Name & Signature

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Name & Signature

Dr. P. Arun Kumar

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 Engg. (2020 - 2021) Date: 22.11.2021

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	✓				
	$35/45 = 77.8$	4	2	2	-	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					✓
	$15/20 = 75$	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: *Aeronautical Engg.*, (2020 – 2021) Date: *22.11.21*

16	Internal Assessment details	✓				
17	Series Test Marks and Analysis					✓
18	End Semester details, Result Analysis and Rank list			✓		
19	Student Arrear details					✓
	<i>45/80 = 56.25</i>	<i>4</i>	<i>3</i>	<i>2</i>	<i>-</i>	<i>7</i>
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					✓
	<i>17/60 = 28.3</i>	<i>-</i>	<i>-</i>	<i>2</i>	<i>1</i>	<i>9</i>
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		✓			
	<i>19/25 = 76</i>	<i>1</i>	<i>3</i>	<i>1</i>	<i>-</i>	<i>-</i>
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					✓
	<i>15/30 = 50</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>-</i>	<i>3</i>
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					✓
	<i>7/25 = 28</i>	<i>-</i>	<i>-</i>	<i>1</i>	<i>-</i>	<i>4</i>

Name of the Department: Aeronautical Engg., (2020 - 2021) Date: 22.11.21

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

$$155.6 + 75 + 112.5 + 56.6 + 76 + 50 + 28 = 554 / 10 = 55.4$$

The department performance index (Absolute) P_a : 55.4

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

The department performance index (Relative) P_r : 71.8

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

Observations of the Academic Audit Committee Members

- * Curricular aspects, Feedback and use of Ict are good and can be improved.
- * More importance should be given for Teaching learning process, Student support & progression.
- * Research Consultancy & Extension activities, Governance & Leadership are indigent and Special care should be given.

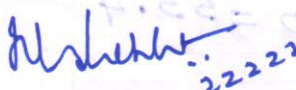
A B C D E (57)

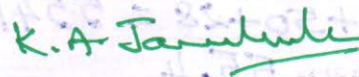
12 10 9 1 25 3

Name of the Department: Aeronautical Engg., (2020 - 2021) Date: 22.11.21

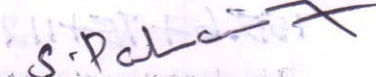
Overall Observations

1. 25 Es out of 57 Es. Poor performance
2. Absolute performance_{Pa} is only 55.4 (Pa)
3. Even relative performance P_r is 71.8 out of 23 departments
4. Hence department stands 6th from bottom or ~~17th~~ ^{18th} out of 23 departments
5. Needs team efforts R&D, consultancy, Extension, leadership and governance aspects.


Name & Signature
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Pro. Vice Chancellor
Noorul Islam Centre for Higher Education


Name & Signature
Prof. Dr. K.A. JANARDHANAN, M.B.A., M.A., M.Phil., Ph.D
DIRECTOR - HRM
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Name & Signature
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Noorul Islam Centre for Higher Education,
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Name & Signature
Dr. S. P. Chandra
Kumaracoil, Thuckalay - 629 180.

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: Electronics & Communication Engg. (2020 – 2021) Date: 25.11.2021

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			✓		
	$27/45 = 60$	3	1	1	1	3
	$C1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100$					
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					✓
	$15/20 = 60$	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	✓				

Electronics and

Name of the Department: Communication Engg., (2020 – 2021) Date: 25.11.21

16	Internal Assessment details			✓		
17	Series Test Marks and Analysis			✓		
18	End Semester details, Result Analysis and Rank list	✓				
19	Student Arrear details	✓				
	50/80 = 62.5	62	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					✓
	25/60 = 41.7	1	3	-	-	8
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		✓			
	17/25 = 68	2	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					✓
	14/30 = 46.7	1	-	1	2	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					✓
	5/25 = 20	-	-	-	-	5

Electronics and
Name of the Department: *Communication Engg.*, (2020 – 2021) **Date:** 25.11.21

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

$$120 + 60 + 125 + 83.4 + 68 + 46.7 + 20 = 523.1 / 10 = 52.3$$

The department performance index (Absolute) P_a : 52.3

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

The department performance index (Relative) P_r : 67.7

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

Observations of the Academic Audit Committee Members

* Curricular Aspects, Feedback, Teaching Learning process, use of ICT should be improved with Special Care.

* Research Consultancy and Extension activities, Student Support and progression, Governance and Leadership are Very poor.

* Need improvement in all aspects.

A B C D E (57)
 15 8 4 4 26 3

Electronics and

Name of the Department: Communication Engg., (2020 - 2021) Date: 25.11.21

Overall Observations

1. 26 Es out of 57 Es too many. Very poor performance
2. Absolute performance Pa is only 52.3
3. Even relative performance ~~is~~ Pr is only 67.7.
4. Hence department stands ~~out~~ from bottom out of 23 department or ~~20th~~ ^{20th} position amongst 23 departments.
5. Needs team effort on all aspects particularly in R&D, consultancy, Extension, Leadership & governance aspects.

[Signature]
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[Signature] K.A. Jambhikar

[Signature]

[Signature] S. P. Chavhan

Name & Signature
Dr. N. Chandrashekhar, BE., Ph.D (IIT-M),
Pro. Vice Chancellor
Noorul Islam Centre for Higher Education

Name & Signature

Name & Signature

Name & Signature

Dr. R. Mathu Soothana S. Kumar,
Director, IQAC,
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NOORUL ISLAM UNIVERSITY
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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: *Aerospace Engg.*, (2020 – 2021) Date: *22.11.2021*

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>30/45 = 66.7</i>	<i>4</i>	<i>1</i>	<i>1</i>	<i>-</i>	<i>3</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>10/20 = 50</i>	<i>-</i>	<i>-</i>	<i>3</i>	<i>-</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		✓			

Name of the Department: *Aerospace Engg.* (2020 – 2021) Date: *22.11.21*

16	Internal Assessment details	✓				
17	Series Test Marks and Analysis		✓			
18	End Semester details, Result Analysis and Rank list	✓				
19	Student Arrear details					✓
	<i>44/80 = 55</i>	<i>5</i>	<i>2</i>	<i>1</i>	<i>-</i>	<i>8</i>
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					✓
	<i>16/60 = 26.7</i>	<i>-</i>	<i>-</i>	<i>2</i>	<i>-</i>	<i>10</i>
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				✓	
	<i>16/25 = 64</i>	<i>2</i>	<i>-</i>	<i>1</i>	<i>1</i>	<i>1</i>
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					✓
	<i>15/30 = 50</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>-</i>	<i>3</i>
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					✓
	<i>6/25 = 24</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>1</i>	<i>4</i>

Name of the Department: Aerospace Engg., (2020-2021) Date: 22.11.21

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

$$133.4 + 50 + 110 + 53.4 + 64 + 50 + 24 = 485 / 10 = 48.5$$

The department performance index (Absolute) P_a : 48.5

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

The department performance index (Relative) P_r : 62.8

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

Observations of the Academic Audit Committee Members

- * Curricular aspects, Teaching learning process & usage of ICT can be improved with special care.
- * Much more importance should be given for feedback, student support and progression.
- * Research Consultancy & Extension activities, Governance & Leadership are indigent and special care should be given for improvements.

A B C D E (57)
12 4 9 2 30 ³

Name of the Department: Aerospace Engg., (2020 - 2021) Date: 22.11.21

Overall Observations

1. 30 Es out of 57Es. Very poor performance
2. Pa (absolute performance) is only 48.5.
3. Pr (Even relative performance) is only 62.8.
4. Stands 3rd from bottom or ^{21st} position from top out of 23 departments.
5. Needs improvement in all aspects (particularly curricular, teaching-learning and R&T cum Consultancy).


222222
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Name & Signature
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Name & Signature
Dr. S. Pavan Kumar

NOORUL ISLAM CENTRE FOR HIGHER EDUCATION, KUMARACOIL

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ACADEMIC ASSESSMENT AUDIT

Name of the Department: *Aircraft Maintenance Engg.,* (2020 – 2021) Date: *23.11.2021*

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>19/40 = 47.5</i>	1	1	2	-	4
	$C1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100$					
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>15/20 = 75</i>	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			✓		

Aircraft Maintenance

Name of the Department: Engg.

(2020 - 2021) Date: 23.11.21

16	Internal Assessment details	✓				
17	Series Test Marks and Analysis	✓				
18	End Semester details, Result Analysis and Rank list	✓				
19	Student Arrear details					✓
		<u>43/80 = 53.8</u>				
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					✓
		<u>16/60 = 26.7</u>				
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					✓
		<u>16/25 = 64</u>				
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					✓
		<u>9/30 = 30</u>				
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					✓
		<u>7/25 = 28</u>				

Aircraft Maintenance

Name of the Department: Engg.,

(2020 - 2021) Date: 23.11.21

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

$$95 + 75 + 107.6 + 53.4 + 64 + 30 + 28 = 453 / 10 = 45.3$$

The department performance index (Absolute) P_a : 45.3

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

The department performance index (Relative) P_r : 58.7

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

Observations of the Academic Audit Committee Members

- * Feedback and Use of ICT should be improved.
- * More attention should be given for Curricular aspects and Teaching Learning process.
- * Research Consultancy & Extension activities, Student Support and Progression, Governance and Leadership are indigent and Special Care should be given.

A B C D E (56)

10 6 5 1 34

Aircraft Maintenance

Name of the Department: Engg.

(2020 - 2021) Date: 23.11.21

Overall Observations

1. 33 Es out of 56 is a very poor reflection of the performance.
2. It is also reflected in Pa at 45.3 (weighted average)
3. Pr at 58.7 (relative performance) is also very poor out of 23 departments.
4. Rank 22 out of 23 departments (last but one)
5. Needs improvement in all aspects (particularly in teaching-learning and R&D cum consultancy activities including ~~students~~ support to students)



Name & Signature

Dr. N. Chandrashekhar, BE., Ph.D (IIT-M),

Pro. Vice Chancellor

Noorul Islam Centre for Higher Education



Name & Signature

K. A. JANARDHANAN, M.B.A., M.A., M.Phil.

DIRECTOR - HRM

NOORUL ISLAM UNIVERSITY

KUMARACOIL, THUCKALAY



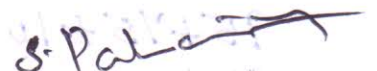
Name & Signature

Dr. B. Mathu Soothana S. Kumar,

Director, IQAC,

Noorul Islam Centre for Higher Education,

Kumaracoli, Thuckalay - 629 180.



Name & Signature

S. Palani (Kumar)

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: English (2020 – 2021) Date: 02.12.2021

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					
	$17/35 = 48.6$	1	2	-	-	4
	$C1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100$					
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					✓
	$5/20 = 25$	-	-	-	1	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: *English*

(2020 – 2021) Date: *02.12.21*

16	Internal Assessment details					✓
17	Series Test Marks and Analysis					✓
18	End Semester details, Result Analysis and Rank list					✓
19	Student Arrear details					✓
	<i>20/70 = 28.6</i>	<i>-</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>11</i>
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					✓
	<i>17/60 = 28.3</i>	<i>-</i>	<i>1</i>	<i>-</i>	<i>2</i>	<i>9</i>
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					✓
	<i>10/20 = 50</i>	<i>-</i>	<i>2</i>	<i>-</i>	<i>-</i>	<i>2</i>
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					✓
	<i>9/30 = 30</i>	<i>-</i>	<i>1</i>	<i>-</i>	<i>-</i>	<i>5</i>
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					✓
	<i>5/25 = 20</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>5</i>

Name of the Department: English

(2020 - 2021) Date: 02.12.21

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

$$(97.2 + 25 + 57.2 + 56.6 + 50 + 30 + 20) = 336 / 10 = 33.6$$

The department performance index (Absolute) P_a : 33.6

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

The department performance index (Relative) P_r : 43.5

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

Observations of the Academic Audit Committee Members

* Curricular aspects, Feedback, Teaching learning process, Research Consultancy and Extension activities, Use of ICT, Student Support and progression Governance & Leadership are indigent and more attention should be given for improvements.

* Need improvement in all aspects. ✓

$$\begin{array}{ccccc} A & B & C & D & E \\ 1 & 7 & 1 & 4 & 39 \\ 5 & 28 & 3 & 8 & 39 \end{array} \quad (52/2) \times 5 = 260$$

$$73 / 260 = 28.1$$

Name of the Department: English

(2020 - 2021) Date: 02.12.21

Overall Observations

1. Need improvement on all aspects
2. It is reflected in $P_a = 33.6$ indicating absolute performance.
3. Relative performance is at $P_r = 43.5$
4. Faculty should work as a coherent team. Then only all aspects may be improved.
5. 39 Es out of 52 also reflects need for improvement in all aspects. Extremely poor
6. Ranker 23 out of 23 departments (Bottommost)

Alshukla

22222 K.A. Jambhale

[Signature]

[Signature]

Name & Signature
Dr. N. Chandrasekhar, B.E., Ph.D (IIT-M)

Name & Signature

Name & Signature

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Noorul Islam Centre for Higher Education,
Kumaracoil, Thuckalay - 629 180.

(Dr. R. Mathu Soothana S. Kumar)

* Curriculum aspects, Feedback, Teaching Learning Process, Research, Conventional and Extension activities, Use of IOT, Student support and progression, Performance & Leadership are highlighted and more attention should be given for improvement.

* Need improvement in all aspects.