

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 (2019-2020)



Name of the Department:

Master of Business Administration

Date: 13.07.21

Description	Five Point Scale				
	A	B	C	D	E
Curricular Aspects					
Lecture Plan		✓			
Lab Plan					
Student Log Book		✓			
Incorporation of BOS Meeting Recommendations		✓			
New Electives introduced	✓				
Class Committee		✓			
Program Committee		✓			
Academic - Course Registration					✓
Intramural - Course Registration					
Extension Activities					✓
Lab Manuel					
$27/40 = 67.5$					
	1	5	-	-	2
$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100$					
Feedback					
Student Feedback about Faculty	✓				
Feedback from Student Regarding curriculum		✓			
Feedback from Staff Regarding curriculum		✓			
Feedback from Alumni Regarding curriculum		✓			
Feedback from Experts (Academic/Industries) Regarding curriculum					✓
$18/25 = 72$					
	1	3	-	-	1
Teaching Learning Process					
Remedial Course Details					✓
Slow Learners Details					✓
Students Participation in Seminars, Conference, Symposium Details	✓				
Seminars / Workshops/Training program Conducted		✓			
Technical symposia Conducted					✓
Invited experts/lecturers details/ Eminent professor/ Scientist/Guest Details		✓			
Project work details	✓				
Publication details of students		✓			
Faculty Training Program	✓				

Name of the Department: *Master of Business Administration*Date: *13.07.21*

Participation in Seminar/ conferences		✓			
Industrial visit/ NSS/ Participation in Annual sports meet		✓			
Internal Assessment Details(Timetable and Marks)	✓				
Series Test Analysis	✓				
End Semester Details, Result Analysis and Rank Details	✓				
Student arrear details					✓
Internship Training Details	✓				
Syllabus Coverage Details		✓			
Lab Coverage					
$63/85 = 74.11$	7	6	-	-	4
Research Consultancy and Extension	A	B	C	D	E
National and International conferences organized					✓
Details of Patents Registered					✓
Ongoing research projects details					✓
Faculty h-index			✓		
Publication of faculty (Web of Science/Scopus/book chapters)	✓				
Members in editorial boards of National and International Journals			✓		
Research awards received by the faculty and students					✓
Research Projects Completed and grants received					✓
Consultancy services provided and funds received	✓				
Promotion of Industry Institution interaction and R&D					✓
$22/50 = 44$	2	-	2	-	6
Effective use of ICT	A	B	C	D	E
PPTs prepared by the faculty			✓		
Smart room usage Register					✓
Industrial Tie Up Programmes					✓
Learning Materials provided		✓			
Other Interactive materials prepared/used, NPTEL Course content used			✓		
$12/25 = 48$	-	1	2	-	2
Student Support and Progression	A	B	C	D	E
Mentorship Details	✓				
Question Bank		✓			
Details of Alumni Interaction Program Conducted			✓		

Name of the Department: *Master of Business Administration*Date: *13.7.21*

Student Counseling Details					✓
Student Membership details in IEEE,IET,ISTE,CSI and other professional Bodies					✓
<i>14/25=56</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>-</i>	<i>2</i>
Governance and Leadership	A	B	C	D	E
Faculty Awards		✓			
Industry Academic Collaboration					✓
Faculty Registered for Ph.D, submitted Synopsis/Thesis, PhD Degree Awarded				✓	
Training program organized for Professional development of Teaching staff/non-teaching staff		✓			
<i>11/20=55</i>	<i>-</i>	<i>2</i>	<i>-</i>	<i>1</i>	<i>1</i>

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

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100 \quad \text{eq. - 1}$$

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

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 90 \times 100 \quad \text{eq. - 3}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \quad \text{eq. - 4}$$

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

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

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 20 \times 100 \quad \text{eq. - 7}$$

 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

$$135 + 72 + 148.22 + 88 + 48 + 56 + 55 = 602.2 / 10 = 60.2$$

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 :- *76.59*

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

Observations of the Academic Audit Committee Members

- * Teaching Learning Process, Feedback should be improved.
- * More attention should be given for Curricular Aspects for improvement.
- * Research Consultancy & Extension, Use of ICT, Student support and progression, Governance and Leadership qualities are very poor.

Overall
Observation
s (*)

Name &
Signature


Name & Signature

Dr. R. Mathu Soothana S. Kumar,
Director, IQAC,
Noorul Islam Centre for Higher Education,
Kumaracoll, Thuckalay - 629 180.


Name & Signature
(S. PALANI KUMAR)


Name & Signature

The Director - HRM
Noorul Islam University
Kumaracoll.-629180

- ① Research, Consultancy and Extension as well as effective use of ICT are very poor. Student support and progression as well as Governance and Leadership are average. Curricular aspects, Teaching Learning Processes and Feedback need improvements. Hence Pa is only 60% even though Pr is around 77%. Needs improvement in all aspects.


5824

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

Name of the Department:

Mechanical Engineering

Date: 13.07.21

Description	Five Point Scale				
	A	B	C	D	E
Curricular Aspects					
Lecture Plan		✓			
Lab Plan		✓			
Student Log Book		✓			
Incorporation of BOS Meeting Recommendations	✓				
New Electives introduced	✓				
Class Committee	✓				
Program Committee	✓				
Academic - Course Registration	✓				
Intramural - Course Registration	✓				
Extension Activities		✓			
Lab Manuel	✓				
$51/55 = 92.72$	7	4	-	-	-
$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100$					
Feedback					
	A	B	C	D	E
Student Feedback about Faculty	✓				
Feedback from Student Regarding curriculum		✓			
Feedback from Staff Regarding curriculum		✓			
Feedback from Alumni Regarding curriculum		✓			
Feedback from Experts (Academic/Industries) Regarding curriculum		✓			
$21/25 = 84$	1	4	-	-	-
Teaching Learning Process					
	A	B	C	D	E
Remedial Course Details		✓			
Slow Learners Details		✓			
Students Participation in Seminars, Conference, Symposium Details	✓				
Seminars / Workshops/Training program Conducted	✓				
Technical symposia Conducted					✓
Invited experts/lecturers details/ Eminent professor/ Scientist/Guest Details	✓				
Project work details	✓				
Publication details of students		✓			
Faculty Training Program					✓

Name of the Department: *Mechanical Engineering*Date: *13.7.21*

Participation in Seminar/ conferences	✓				
Industrial visit/ NSS/ Participation in Annual sports meet		✓			
Internal Assessment Details(Timetable and Marks)	✓				
Series Test Analysis	✓				
End Semester Details, Result Analysis and Rank Details	✓				
Student arrear details			✓		
Internship Training Details	✓				
Syllabus Coverage Details		✓			
Lab Coverage		✓			
$74/90 = 82.2$	9	6	1	-	2
Research Consultancy and Extension	A	B	C	D	E
National and International conferences organized					✓
Details of Patents Registered	✓				
Ongoing research projects details					✓
Faculty h-index	✓				
Publication of faculty (Web of Science/Scopus/book chapters)	✓				
Members in editorial boards of National and International Journals		✓			
Research awards received by the faculty and students			✓		
Research Projects Completed and grants received					✓
Consultancy services provided and funds received	✓				
Promotion of Industry Institution interaction and R&D		✓			
$34/50 = 68$	4	2	1	-	3
Effective use of ICT	A	B	C	D	E
PPTs prepared by the faculty		✓			
Smart room usage Register	✓				
Industrial Tie Up Programmes	✓				
Learning Materials provided		✓			
Other Interactive materials prepared/used, NPTEL Course content used					✓
$19/25 = 76$	2	2	-	-	1
Student Support and Progression	A	B	C	D	E
Mentorship Details	✓				
Question Bank	✓				
Details of Alumni Interaction Program Conducted			✓		

Name of the Department: Mechanical Engineering

Date: 13.7.21

Student Counseling Details			✓		
Student Membership details in IEEE, IET, ISTE, CSI and other professional Bodies			✓		
	19/25 = 76	2	—	3	—
Governance and Leadership		A	B	C	D E
Faculty Awards		✓			
Industry Academic Collaboration					✓
Faculty Registered for Ph.D, submitted Synopsis/Thesis, PhD Degree Awarded				✓	
Training program organized for Professional development of Teaching staff/non-teaching staff			✓		
	18/20 = 90	1	1	1	— 1

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

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100 \quad \text{eq. - 1}$$

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

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 90 \times 100 \quad \text{eq. - 3}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \quad \text{eq. - 4}$$

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

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

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 20 \times 100 \quad \text{eq. - 7}$$

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

$$185.44 + 84 + 164.4 + 136 + 76 + 76 + 65 = 786.8 / 10 = 78.6$$

The department performance index (Absolute) P_a :- 78.6

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

The department performance index (Relative) P_r :- 100

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

Observations of the Academic Audit Committee Members

- * Curricular Aspects are really Excellent.
- * Feedback, Teaching Learning process, Use of ICT, Student Support and Progression are good.
- * Research Consultancy and Extension, Governance and Leadership qualities should be improved.

Overall Observation

S 8

Name & Signature

Name & Signature

Dr. R. Mathu Soothana S. Kumar,
Director, IQAC,
Noorul Islam Centre for Higher Education,
Kumaracoll. Thuckalay - 629 180.

Name & Signature

CS. P. Anand Kumar

Name & Signature

The Director - HRM
Noorul Islam University
Kumaracoll.-629180

① Research Consultancy and Extension as well as Governance and Leadership have large scope for improvement. Effective use of ICT as well as Student Support and Progression have scope for improvement. Feedback as well as Teaching Learning Process need further improvement. Curricular aspects may be further improved. Hence Pa is around 79% even though Pr is 100%. Please improve further.

Dr. N. Chandrashekhar 6821
Dr. N. Chandrashekhar, BE., Ph.D (IIT-M)
Pro. Vice Chancellor
Noorul Islam Centre for Higher Education

Name of the Department: *Computer Science and Engineering*Date: *08.07.21*

Description	Five Point Scale				
	A	B	C	D	E
Curricular Aspects					
Lecture Plan		✓			
Lab Plan	✓				
Student Log Book	✓				
Incorporation of BOS Meeting Recommendations	✓				
New Electives introduced	✓				
Class Committee	✓				
Program Committee			✓		
Academic - Course Registration		✓			
Intramural - Course Registration		✓			
Extension Activities	✓				
Lab Manuel	✓				
	<i>50/55 = 90.90</i>	<i>7</i>	<i>3</i>	<i>1</i>	<i>-</i>
$C_I = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100$					
Feedback					
Student Feedback about Faculty	✓				
Feedback from Student Regarding curriculum		✓			
Feedback from Staff Regarding curriculum		✓			
Feedback from Alumni Regarding curriculum		✓			
Feedback from Experts (Academic/Industries) Regarding curriculum		✓			
	<i>21/25 = 84</i>	<i>1</i>	<i>4</i>	<i>-</i>	<i>-</i>
Teaching Learning Process					
Remedial Course Details		✓			
Slow Learners Details					✓
Students Participation in Seminars, Conference, Symposium Details	✓				
Seminars / Workshops/Training program Conducted	✓				
Technical symposia Conducted					✓
Invited experts/lecturers details/ Eminent professor/ Scientist/Guest Details		✓			
Project work details	✓				
Publication details of students	✓				
Faculty Training Program	✓				

Name of the Department: *Computer Science and Engineering*

Date: 8.7.21

Participation in Seminar/conferences	✓				
Industrial visit/ NSS/ Participation in Annual sports meet					✓
Internal Assessment Details(Timetable and Marks)	✓				
Series Test Analysis	✓				
End Semester Details, Result Analysis and Rank Details	✓				
Student arrear details					✓
Internship Training Details	✓				
Syllabus Coverage Details	✓				
Lab Coverage	✓				
$72/90 = 80$	12	2	-	-	4
Research Consultancy and Extension	A	B	C	D	E
National and International conferences organized					✓
Details of Patents Registered	✓				
Ongoing research projects details					✓
Faculty h-index	✓				
Publication of faculty (Web of Science/Scopus/book chapters)	✓				
Members in editorial boards of National and International Journals					✓
Research awards received by the faculty and students					✓
Research Projects Completed and grants received					✓
Consultancy services provided and funds received					✓
Promotion of Industry Institution interaction and R&D					✓
$22/50 = 44$	3	-	-	-	7
Effective use of ICT	A	B	C	D	E
PPTs prepared by the faculty	✓				
Smart room usage Register	✓				
Industrial Tie Up Programmes	✓				
Learning Materials provided	✓				
Other Interactive materials prepared/used, NPTEL Course content used			✓		
$23/25 = 92$	4	-	1	-	-
Student Support and Progression	A	B	C	D	E
Mentorship Details	✓				
Question Bank	✓				
Details of Alumni Interaction Program Conducted	✓				

Name of the Department: Computer Science and Engineering Date: 08.7.21

Student Counseling Details			✓		
Student Membership details in IEEE,IET,ISTE,CSI and other professional Bodies					✓
	$19/25 = 76$	3	-	1	- 1
Governance and Leadership		A	B	C	D E
Faculty Awards		✓			
Industry Academic Collaboration					✓
Faculty Registered for Ph.D, submitted Synopsis/Thesis, PhD Degree Awarded		✓			
Training program organized for Professional development of Teaching staff/non-teaching staff		✓			
	$16/20 = 80$	3	-	-	- 1

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

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100 \quad \text{eq. - 1}$$

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

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 90 \times 100 \quad \text{eq. - 3}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \quad \text{eq. - 4}$$

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

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

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 20 \times 100 \quad \text{eq. - 7}$$

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

$$181.8 + 84 + 160 + 88 + 92 + 76 + 80 = 761.8 / 10 = 76.1$$

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 :- 96.81

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

Observations of the Academic Audit Committee Members

- * Curricular Aspects, Use of ICT are really impressive and Excellent.
- * Feedback, Teaching Learning and Process, Governance and Leadership qualities are good.
- * Research Consultancy and Extension activities are Very poor and Special care should be given.
- * Student Support and progression should be improved.

Overall Observation
S 4

Name & Signature

Name & Signature

Dr. R. Mathu Soothana S. Kumar,
Director, IQAC,
Noorul Islam Centre for Higher Education,
Kumaracoll. Thuckalay - 629 180.

Name & Signature

(S. Palanikumar)

Name & Signature

The Director - HRM
Noorul Islam University
Kumaracoll.-629180

① Research Consultancy and extension are very poor. Student support and progression has lot of scope for improvement. Teaching learning process as well as Governance and Leadership may be further improved. Effective use of ICT and Curricular aspects have scope for improvement. Feedback needs to be improved.

M. Shibu

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

Name of the Department: Information TechnologyDate: 12.07.21

	Description	Five Point Scale				
		A	B	C	D	E
	Curricular Aspects					
	Lecture Plan	✓				
	Lab Plan	✓				
	Student Log Book		✓			
	Incorporation of BOS Meeting Recommendations	✓				
	New Electives introduced	✓				
	Class Committee	✓				
	Program Committee	✓				
	Academic - Course Registration	✓				
	Intramural - Course Registration	✓				
	Extension Activities					✓
	Lab Manuel	✓				
	$50/55 = 90.9$	9	1	—	—	1
	$C_I = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100$					
	Feedback	A	B	C	D	E
	Student Feedback about Faculty	✓				
	Feedback from Student Regarding curriculum		✓			
	Feedback from Staff Regarding curriculum		✓			
	Feedback from Alumni Regarding curriculum		✓			
	Feedback from Experts (Academic/Industries) Regarding curriculum		✓			
	$21/25 = 84$	1	4	—	—	—
	Teaching Learning Process	A	B	C	D	E
	Remedial Course Details		✓			
	Slow Learners Details					✓
	Students Participation in Seminars, Conference, Symposium Details	✓				
	Seminars / Workshops/Training program Conducted		✓			
	Technical symposia Conducted					✓
	Invited experts/lecturers details/ Eminent professor/ Scientist/Guest Details					✓
	Project work details	✓				
	Publication details of students					✓
	Faculty Training Program					✓

Name of the Department:

Information Technology

Date: 12.7.21

3	Participation in Seminar/ conferences	✓				
	Industrial visit/ NSS/ Participation in Annual sports meet		✓			
	Internal Assessment Details(Timetable and Marks)	✓				
	Series Test Analysis	✓				
	End Semester Details, Result Analysis and Rank Details	✓				
	Student arrear details	✓				
	Internship Training Details	✓				
	Syllabus Coverage Details	✓				
	Lab Coverage		✓			
	$66/90 = 73.3$	9	4	-	-	5
	Research Consultancy and Extension	A	B	C	D	E
	National and International conferences organized					✓
	Details of Patents Registered	✓	✓			
	Ongoing research projects details					✓
	Faculty h-index		✓			
	Publication of faculty (Web of Science/Scopus/book chapters)	✓				
	Members in editorial boards of National and International Journals	✓				
	Research awards received by the faculty and students					✓
	Research Projects Completed and grants received					✓
	Consultancy services provided and funds received					✓
	Promotion of Industry Institution interaction and R&D					✓
	$24/50 = 48$	2	2	-	-	6
	Effective use of ICT	A	B	C	D	E
	PPTs prepared by the faculty	✓				
	Smart room usage Register	✓				
	Industrial Tie Up Programmes					✓
	Learning Materials provided		✓			
	Other Interactive materials prepared/used, NPTEL Course content used	✓				
	$20/25 = 80$	3	1	-	-	1
	Student Support and Progression	A	B	C	D	E
	Mentorship Details	✓				
	Question Bank		✓			
	Details of Alumni Interaction Program Conducted	✓				

Name of the Department:

Information Technology

Date: 12.7.21

Student Counseling Details	✓				
Student Membership details in IEEE,IET,ISTE,CSI and other professional Bodies					✓
	20/25 = 80	3	1	-	-
Governance and Leadership		A	B	C	D
Faculty Awards	✓				
Industry Academic Collaboration					✓
Faculty Registered for Ph.D, submitted Synopsis/Thesis, PhD Degree Awarded	✓				
Training program organized for Professional development of Teaching staff/non-teaching staff				✓	
	14/20 = 70	2	-	1	-

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

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100 \quad \text{eq. - 1}$$

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

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 90 \times 100 \quad \text{eq. - 3}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \quad \text{eq. - 4}$$

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

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

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 20 \times 100 \quad \text{eq. - 7}$$

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

$$181.8 + 84 + 146.6 + 96 + 80 + 80 + 70 = 738.4 / 10 = 73.8$$

The department performance index (Absolute) P_a :- 73.8

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

The department performance index (Relative) P_r :- 93.89

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

Observations of the Academic Audit Committee Members

- * Curricular Aspects are really appreciable and Excellent.
- * Feedback, usage of ICT, Student Support and Progression are good.
- * Teaching Learning process, Governance and leadership qualities should be improved.
- * More attention should be given for Research Consultancy and Extension activities.

Overall Observation

S (A)

Name & Signature

Name & Signature

Dr. R. Mathu Soothana S. Kumar,
Director, IQAC,
Noorul Islam Centre for Higher Education,
Kumaracoll, Thuckalay - 629 180.

Name & Signature

(S. Palani Kumar)

Name & Signature

The Director - HRM
Noorul Islam University
Kumaracoll.-629180

Research Consultancy and Extension are very poor. Leadership have large scope for improvement. Teaching learning process and Governance as well as. Effective use of ICT, for Student Support and progression and feedback need further improvement. Curricular aspect has scope for improvement. Hence Pa is around 74 %. even though Pr is around 94 %. Please improve

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

Pro. Vice Chancellor
Noorul Islam Centre for Higher Education

Name of the Department:

Physics

Date: 19.07.21

Description	Five Point Scale				
	A	B	C	D	E
Curricular Aspects					
Lecture Plan		✓			
Lab Plan	✓				
Student Log Book	✓				
Incorporation of BOS Meeting Recommendations	✓				
New Electives introduced	✓				
Class Committee		✓			
Program Committee		✓			
Academic - Course Registration	✓				
Intramural - Course Registration					
Extension Activities					✓
Lab Manual		✓			
$42/50 = 84$	5	4	-	-	1
$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100$					
Feedback					
Student Feedback about Faculty	✓				
Feedback from Student Regarding curriculum		✓			
Feedback from Staff Regarding curriculum		✓			
Feedback from Alumni Regarding curriculum		✓			
Feedback from Experts (Academic/Industries) Regarding curriculum					✓
$18/25 = 72$	1	3	-	-	1
Teaching Learning Process					
Remedial Course Details	✓				
Slow Learners Details		✓			
Students Participation in Seminars, Conference, Symposium Details	✓				
Seminars / Workshops/Training program Conducted	✓				
Technical symposia Conducted					✓
Invited experts/lecturers details/ Eminent professor/ Scientist/Guest Details		✓			
Project work details		✓			
Publication details of students			✓		
Faculty Training Program					✓

Name of the Department: *Physics*Date: *19.7.21*

3	Participation in Seminar/ conferences	✓					
	Industrial visit/ NSS/ Participation in Annual sports meet						✓
	Internal Assessment Details(Timetable and Marks)	✓					
	Series Test Analysis	✓					
	End Semester Details, Result Analysis and Rank Details	✓					
	Student arrear details			✓			
	Internship Training Details						✓
	Syllabus Coverage Details	✓					
	Lab Coverage		✓				
	$66/90 = 73.3$	8	4	2	-	4	
	Research Consultancy and Extension	A	B	C	D	E	
	National and International conferences organized	✓					
	Details of Patents Registered	✓					
	Ongoing research projects details						✓
	Faculty h-index		✓				
	Publication of faculty (Web of Science/Scopus/book chapters)	✓					
	Members in editorial boards of National and International Journals				✓		
	Research awards received by the faculty and students			✓			
	Research Projects Completed and grants received						✓
	Consultancy services provided and funds received						✓
	Promotion of Industry Institution interaction and R&D						✓
	$28/50 = 56$	3	1	1	1	4	
	Effective use of ICT	A	B	C	D	E	
	PPTs prepared by the faculty	✓					
	Smart room usage Register	✓					
	Industrial Tie Up Programmes						✓
	Learning Materials provided		✓				
	Other Interactive materials prepared/used, NPTEL Course content used		✓				
	$19/25 = 76$	2	2	-	-	1	
	Student Support and Progression	A	B	C	D	E	
	Mentorship Details	✓					
	Question Bank	✓					
	Details of Alumni Interaction Program Conducted		✓				

Name of the Department: *Physics*Date: *19.07.21*

Student Counseling Details		✓			
Student Membership details in IEEE,IET,ISTE,CSI and other professional Bodies					✓
<i>19/25 = 76</i>	<i>2</i>	<i>2</i>	<i>-</i>	<i>-</i>	<i>1</i>
Governance and Leadership	A	B	C	D	E
Faculty Awards		✓			
Industry Academic Collaboration		✓			
Faculty Registered for Ph.D, submitted Synopsis/Thesis, PhD Degree Awarded				✓	
Training program organized for Professional development of Teaching staff/non-teaching staff					✓
<i>11/20 = 55</i>	<i>-</i>	<i>2</i>	<i>-</i>	<i>1</i>	<i>1</i>

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

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100 \quad \text{eq. - 1}$$

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

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 90 \times 100 \quad \text{eq. - 3}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \quad \text{eq. - 4}$$

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

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

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 20 \times 100 \quad \text{eq. - 7}$$

 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

$$168 + 72 + 146.6 + 112 + 76 + 76 + 55 = 705.6/10 = 70.5$$

The department performance index (Absolute) P_a :- *70.5*

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

The department performance index (Relative) P_r :- *89.69*

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

Observations of the Academic Audit Committee Members

* Curricular Aspects are good and can be improved.

* More attention should be given for feedback, Teaching learning process, use of ICT, Student Support and progression for improvement.

* Research Consultancy and Extension, Governance and leadership qualities should be improved.

Overall Observation

s (P)

Name & Signature

Name & Signature

Dr. R. Mathu Soothana S. Kumar,
Director, IQAC,
Noorul Islam Centre for Higher Education,
Kumaracoll, Thuckalay - 629 180.

Name & Signature

(S. P. ANIKUMAN)

Name & Signature

The Director - HRM
Noorul Islam University
Kumaracoll.-629180

(P) Governance and leadership as well as research consultancy and extensions are very poor. Feedback, Teaching learning process are below 75% and needs further improvement. Effective use of ICT as well as student support and progression have large scope for improvement. Curricular aspects may be further improved. Hence Pa is around 71% even though Pr is around 90%. ~~For~~ Please improve further.

J. Shetty 682

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

Name of the Department: Fire Technology and Safety Engg., Date: 14.07.21

Description	Five Point Scale				
	A	B	C	D	E
Curricular Aspects					
Lecture Plan		✓			
Lab Plan	✓				
Student Log Book		✓			
Incorporation of BOS Meeting Recommendations	✓				
New Electives introduced	✓				
Class Committee	✓				
Program Committee	✓				
Academic - Course Registration	✓				
Intramural - Course Registration	✓				
Extension Activities	✓				
Lab Manual	✓				
53/55 = 96.4					
$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100$	9	2	-	-	-
Feedback					
Student Feedback about Faculty		✓			
Feedback from Student Regarding curriculum		✓			
Feedback from Staff Regarding curriculum		✓			
Feedback from Alumni Regarding curriculum		✓			
Feedback from Experts (Academic/Industries) Regarding curriculum		✓			
20/25 = 80					
Teaching Learning Process					
Remedial Course Details	✓				
Slow Learners Details		✓			
Students Participation in Seminars, Conference, Symposium Details	✓				
Seminars / Workshops/Training program Conducted		✓			
Technical symposia Conducted					✓
Invited experts/lecturers details/ Eminent professor/ Scientist/Guest Details			✓		
Project work details	✓				
Publication details of students	✓				
Faculty Training Program					✓

Name of the Department: *Fire Technology and Safety Engineering*Date: *14.7.21*

3. Participation in Seminar/ conferences	✓				
Industrial visit/ NSS/ Participation in Annual sports meet	✓				
Internal Assessment Details(Timetable and Marks)	✓				
Series Test Analysis	✓				
End Semester Details, Result Analysis and Rank Details	✓				
Student arrear details					✓
Internship Training Details	✓				
Syllabus Coverage Details	✓				
Lab Coverage	✓				
$74/90 = 82.2$	12	2	1	-	3
Research Consultancy and Extension	A	B	C	D	E
National and International conferences organized					✓
Details of Patents Registered					✓
Ongoing research projects details					✓
Faculty h-index		✓			
Publication of faculty (Web of Science/Scopus/book chapters)		✓			
Members in editorial boards of National and International Journals					✓
Research awards received by the faculty and students					✓
Research Projects Completed and grants received					✓
Consultancy services provided and funds received					✓
Promotion of Industry Institution interaction and R&D					✓
$16/50 = 32$	-	2	-	-	8
Effective use of ICT	A	B	C	D	E
PPTs prepared by the faculty	✓				
Smart room usage Register	✓				
Industrial Tie Up Programmes				✓	
Learning Materials provided	✓				
Other Interactive materials prepared/used, NPTEL Course content used		✓			
$21/25 = 84$	3	1	-	1	-
Student Support and Progression	A	B	C	D	E
Mentorship Details	✓				
Question Bank	✓				
Details of Alumni Interaction Program Conducted			✓		

Name of the Department: *Fire Technology and Safety Engineering* Date: *14.07.21*

Student Counseling Details			✓		
Student Membership details in IEEE,IET,ISTE,CSI and other professional Bodies					✓
<i>17/25 = 68</i>	<i>2</i>	<i>-</i>	<i>2</i>	<i>-</i>	<i>1</i>
Governance and Leadership	A	B	C	D	E
Faculty Awards		✓			
Industry Academic Collaboration					✓
Faculty Registered for Ph.D, submitted Synopsis/Thesis, PhD Degree Awarded					✓
Training program organized for Professional development of Teaching staff/non-teaching staff					✓
<i>7/20 = 35</i>	<i>-</i>	<i>1</i>	<i>-</i>	<i>-</i>	<i>3</i>

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

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100 \quad \text{eq. - 1}$$

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

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 90 \times 100 \quad \text{eq. - 3}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \quad \text{eq. - 4}$$

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

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

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 20 \times 100 \quad \text{eq. - 7}$$

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

$$192.8 + 80 + 164.4 + 64 + 84 + 68 + 35 = 688.2 / 10 = 68.8$$

The department performance index (Absolute) P_a :- *68.8*

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

The department performance index (Relative) P_r :- *87.53*

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

Name of the Department: *Fire Technology and Safety Engineering* Date: *14.07.21*

Observations of the Academic Audit Committee Members

- * Curricular Aspects are really impressive and Excellent.
- * More Care should be given for Feedback, Teaching Learning process, use of ICT.
- * Student Support and progression should be improved.
- * Research Consultancy and Extension, Governance and Leadership qualities are Very Poor.

Overall
Observation
s *X*

Name &
Signature

Name & Signature

Dr. R. Mathu Soothana S. Kumar,
Director, IQAC,
Noorul Islam Centre for Higher Education,
Kumaracoll. Thuckalay - 629 180.

Name & Signature

S. Palani
(S. Palani Kumar)

Name & Signature

The Director - HRM
Noorul Islam University
Kumaracoll.-629180

② Governance and Leadership as well as, Research Consultancy and extensions are very poor. Student support and progression needs improvement. Effective use of ICT, Teaching Learning process and feedback has scope for improvement. Curricular aspects are good. While Pa is around 69%, even through Pr is around 88%. *6824*

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

Name of the Department: *Electronics and Communication*Date: *08.07.21*

	Description	Five Point Scale				
		A	B	C	D	E
	Curricular Aspects					
	Lecture Plan		✓			
	Lab Plan			✓		
	Student Log Book	✓				
	Incorporation of BOS Meeting Recommendations	✓				
	New Electives introduced	✓				
	Class Committee		✓			
	Program Committee			✓		
	Academic - Course Registration	✓				
	Intramural - Course Registration	✓				
	Extension Activities					✓
	Lab Manuel		✓			
	$44/55 = 80$	5	3	2	—	1
	$C_I = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100$					
	Feedback	A	B	C	D	E
	Student Feedback about Faculty	✓				
	Feedback from Student Regarding curriculum		✓			
	Feedback from Staff Regarding curriculum		✓			
	Feedback from Alumni Regarding curriculum		✓			
	Feedback from Experts (Academic/Industries) Regarding curriculum		✓			
	$21/25 = 84$	1	4	—	—	—
	Teaching Learning Process	A	B	C	D	E
	Remedial Course Details		✓			
	Slow Learners Details					✓
	Students Participation in Seminars, Conference, Symposium Details	✓				
	Seminars / Workshops/Training program Conducted		✓			
	Technical symposia Conducted					✓
	Invited experts/lecturers details/ Eminent professor/ Scientist/Guest Details				✓	
	Project work details	✓				
	Publication details of students					✓
	Faculty Training Program					✓

Name of the Department: *Electronics and Communication*Date: *8.7.21*

Participation in Seminar/ conferences	✓				
Industrial visit/ NSS/ Participation in Annual sports meet		✓			
Internal Assessment Details(Timetable and Marks)	✓				
Series Test Analysis		✓			
End Semester Details, Result Analysis and Rank Details	✓				
Student arrear details	✓				
Internship Training Details					✓
Syllabus Coverage Details		✓			
Lab Coverage			✓		
<i>60/90 = 66.67</i>	<i>6</i>	<i>5</i>	<i>1</i>	<i>1</i>	<i>5</i>
Research Consultancy and Extension	A	B	C	D	E
National and International conferences organized					✓
Details of Patents Registered	✓				
Ongoing research projects details					✓
Faculty h-index	✓				
Publication of faculty (Web of Science/Scopus/book chapters)	✓				
Members in editorial boards of National and International Journals					✓
Research awards received by the faculty and students		✓			
Research Projects Completed and grants received					✓
Consultancy services provided and funds received					✓
Promotion of Industry Institution interaction and R&D					✓
<i>25/50 = 50</i>	<i>3</i>	<i>1</i>	<i>—</i>	<i>—</i>	<i>6</i>
Effective use of ICT	A	B	C	D	E
PPTs prepared by the faculty			✓		
Smart room usage Register		✓			
Industrial Tie Up Programmes					✓
Learning Materials provided		✓			
Other Interactive materials prepared/used, NPTEL Course content used					✓
<i>13/25 = 52</i>	<i>—</i>	<i>2</i>	<i>1</i>	<i>—</i>	<i>2</i>
Student Support and Progression	A	B	C	D	E
Mentorship Details	✓				
Question Bank			✓		
Details of Alumni Interaction Program Conducted		✓			

Name of the Department: Electronics and CommunicationDate: 8.7.21

Student Counseling Details	✓				
Student Membership details in IEEE, IET, ISTE, CSI and other professional Bodies	✓				
	$22/25 = 88$	3	1	1	—
Governance and Leadership	A	B	C	D	E
Faculty Awards	✓				
Industry Academic Collaboration					✓
Faculty Registered for Ph.D, submitted Synopsis/Thesis, PhD Degree Awarded	✓				
Training program organized for Professional development of Teaching staff/non-teaching staff					✓
	$12/20 = 60$	2	—	—	2

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

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100 \quad \text{eq. - 1}$$

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

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 90 \times 100 \quad \text{eq. - 3}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \quad \text{eq. - 4}$$

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

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

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 20 \times 100 \quad \text{eq. - 7}$$

 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

$$160 + 84 + 133.34 + 100 + 52 + 88 + 60 = 677.34 / 10 = 67.7$$

The department performance index (Absolute) P_a :- 67.7

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

The department performance index (Relative) P_r :- 86.13

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

Observations of the Academic Audit Committee Members

- * Curricular Aspects, Feedback, Student Support and Progression are good and Can be improved.
- * More attention should be given for Teaching Learning and process, Governance and Leadership qualities for improvement.
- * More efforts should be given for Research Consultancy and Extension, usage of IET for improvement.

Overall Observation
s (*)

Name & Signature

Name & Signature

Dr. R. Mathu Soothana S. Kumar,
Director, IQAC,
Noorul Islam Centre for Higher Education,
Kumaracoll. Thuckalay - 629 180.

Name & Signature

CS. Pavan Kumar

Name & Signature

The Director - HRM
Noorul Islam University
Kumaracoll.-629180

- ④ Research Consultancy Extension as well as effective use of IET are poor. Teaching Learning process, ~~Teaching Learning~~ as well as Governance and Leadership have large scope for improvement. Student support and progression, Feedback as well as Curricular aspects need to be improved. Hence Pa is around 68%, even though Pr is around 86%. Please improve sheet. 68%

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

Name of the Department: Aircraft Maintenance Engg., Date: 06/07/21

Description	Five Point Scale				
	A	B	C	D	E
Curricular Aspects					
Lecture Plan			✓		
Lab Plan			✓		
Student Log Book				✓	
Incorporation of BOS Meeting Recommendations			✓		
New Electives introduced					
Class Committee				✓	
Program Committee					✓
Academic - Course Registration	✓				
Intramural - Course Registration					
Extension Activities					✓
Lab Manuel		✓			
$24/45 = 53.3$	1	1	3	2	2
$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100$					
Feedback					
Student Feedback about Faculty	✓				
Feedback from Student Regarding curriculum		✓			
Feedback from Staff Regarding curriculum		✓			
Feedback from Alumni Regarding curriculum		✓			
Feedback from Experts (Academic/Industries) Regarding curriculum		✓			
$21/25 = 84$	1	4	—	—	—
Teaching Learning Process					
Remedial Course Details					✓
Slow Learners Details			✓		
Students Participation in Seminars, Conference, Symposium Details					✓
Seminars / Workshops/Training program Conducted					✓
Technical symposia Conducted					✓
Invited experts/lecturers details/ Eminent professor/ Scientist/Guest Details		✓			
Project work details		✓			
Publication details of students					✓
Faculty Training Program					✓

Name of the Department: *Aircraft Maintenance Engg.,*Date: *06/07/21*

3. Participation in Seminar/ conferences					✓
Industrial visit/ NSS/ Participation in Annual sports meet					✓
Internal Assessment Details(Timetable and Marks)		✓			
Series Test Analysis					✓
End Semester Details, Result Analysis and Rank Details		✓			
Student arrear details					✓
Internship Training Details	✓				
Syllabus Coverage Details		✓			
Lab Coverage			✓		
$41/90 = 45.6$	1	5	2	-	10
Research Consultancy and Extension	A	B	C	D	E
National and International conferences organized					✓
Details of Patents Registered					✓
Ongoing research projects details					✓
Faculty h-index					✓
Publication of faculty (Web of Science/Scopus/book chapters)				✓	
Members in editorial boards of National and International Journals					✓
Research awards received by the faculty and students					✓
Research Projects Completed and grants received					✓
Consultancy services provided and funds received					✓
Promotion of Industry Institution interaction and R&D		✓			
$14/50 = 28$	-	1	-	1	8
Effective use of ICT	A	B	C	D	E
PPTs prepared by the faculty					✓
Smart room usage Register		✓			
Industrial Tie Up Programmes					✓
Learning Materials provided		✓			
Other Interactive materials prepared/used, NPTEL Course content used					✓
$11/25 = 44$	-	2	-	-	3
Student Support and Progression	A	B	C	D	E
Mentorship Details	✓				
Question Bank	✓				
Details of Alumni Interaction Program Conducted					✓

Name of the Department: *Aircraft Maintenance Engg.*Date: *06/07/21*

Student Counseling Details					✓
Student Membership details in IEEE, IET, ISTE, CSI and other professional Bodies					✓
	<i>13/25 = 52</i>	<i>2</i>	<i>—</i>	<i>—</i>	<i>—</i>
Governance and Leadership	A	B	C	D	E
Faculty Awards					✓
Industry Academic Collaboration					✓
Faculty Registered for Ph.D, submitted Synopsis/Thesis, PhD Degree Awarded		✓			
Training program organized for Professional development of Teaching staff/non-teaching staff					✓
	<i>7/20 = 35</i>	<i>—</i>	<i>1</i>	<i>—</i>	<i>—</i>

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

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100 \quad \text{eq. - 1}$$

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

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 90 \times 100 \quad \text{eq. - 3}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \quad \text{eq. - 4}$$

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

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

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 20 \times 100 \quad \text{eq. - 7}$$

C_a- number of times 'A' rating has obtained in that categoryC_b- number of times 'B' rating has obtained in that categoryC_c- number of times 'C' rating has obtained in that categoryC_d- number of times 'D' rating has obtained in that categoryC_e- number of times 'E' rating has obtained in that category

$$106.6 + 84 + 91.2 + 56 + 44 + 52 + 35 = 468.8 / 10 = 46.8$$

The department performance index (Absolute) P_a:- *46.8*

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

The department performance index (Relative) P_r:- *59.54*

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

Name of the Department: Aircraft Maintenance Engineering Date: 06.7.21

Observations of the Academic Audit Committee Members

- * Feedback is good.
- * Curricular Aspects, Teaching Learning Process, Student Support and progression are Very poor.
- * Research Consultancy and Extension, Use of ICT, Governance and Leadership qualities are Very poor and more attention should be given for improvement.
- * Need improvement in all aspects.

Overall
Observation

S *

Name &
Signature

Name & Signature

Dr. R. Mathu Soothana S. Kumar,
Director, IQAC,
Noorul Islam Centre for Higher Education,
Kumaracoli, Thuckalay - 629 180.

Name & Signature

(S. Pavan Kumar)

Name & Signature

The Director - HRM
Noorul Islam University
Kumaracoli.-629180

⑧ Research, Consultancy & Extension, Governance & Leadership, Students Support and Progression, Teaching learning processes are far below 50%. Only curricular aspects are around 53%, Feedback is around 84% as satisfactory. Hence Pa is below 50% and Pr is below 60%. Needs improvement in each and every aspect. Alshabher

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

Name of the Department: *Electronics and Instrumentation* Date: *09.07.21*

Description	Five Point Scale				
	A	B	C	D	E
Curricular Aspects					
Lecture Plan		✓			
Lab Plan		✓			
Student Log Book	✓				
Incorporation of BOS Meeting Recommendations	✓				
New Electives introduced	✓				
Class Committee	✓				
Program Committee		✓			
Academic - Course Registration	✓				
Intramural - Course Registration	✓				
Extension Activities					✓
Lab Manuel		✓			
$47/55 = 85.45$	6	4	-	-	1
$C_i = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100$					
Feedback					
Student Feedback about Faculty	✓				
Feedback from Student Regarding curriculum		✓			
Feedback from Staff Regarding curriculum		✓			
Feedback from Alumni Regarding curriculum		✓			
Feedback from Experts (Academic/Industries) Regarding curriculum		✓			
$21/25 = 84$	1	4	-	-	-
Teaching Learning Process					
Remedial Course Details		✓			
Slow Learners Details		✓			
Students Participation in Seminars, Conference, Symposium Details	✓				
Seminars / Workshops/Training program Conducted					✓
Technical symposia Conducted					✓
Invited experts/lecturers details/ Eminent professor/ Scientist/Guest Details			✓		
Project work details	✓				
Publication details of students					✓
Faculty Training Program					✓

Name of the Department: *Electronics and Instrumentation*Date: *09.07.21*

Participation in Seminar/ conferences	✓				
Industrial visit/ NSS/ Participation in Annual sports meet					✓
Internal Assessment Details(Timetable and Marks)	✓				
Series Test Analysis	✓				
End Semester Details, Result Analysis and Rank Details	✓				
Student arrear details	✓				
Internship Training Details	✓				
Syllabus Coverage Details		✓			
Lab Coverage		✓			
$64/90 = 71.1$	8	4	1	—	5
Research Consultancy and Extension	A	B	C	D	E
National and International conferences organized					✓
Details of Patents Registered				✓	✓
Ongoing research projects details					✓
Faculty h-index	✓				
Publication of faculty (Web of Science/Scopus/book chapters)		✓			
Members in editorial boards of National and International Journals		✓			
Research awards received by the faculty and students			✓		
Research Projects Completed and grants received					✓
Consultancy services provided and funds received					✓
Promotion of Industry Institution interaction and R&D					✓
$23/50 = 46$	1	2	1	1	5
Effective use of ICT	A	B	C	D	E
PPTs prepared by the faculty			✓		
Smart room usage Register	✓				
Industrial Tie Up Programmes				✓	✓
Learning Materials provided				✓	
Other Interactive materials prepared/used, NPTEL Course content used			✓		
$14/25 = 56$	1	—	2	1	1
Student Support and Progression	A	B	C	D	E
Mentorship Details	✓				
Question Bank		✓			
Details of Alumni Interaction Program Conducted		✓			

Name of the Department: *Electronics and Instrumentation*Date: *09.07.21*

Student Counseling Details	✓				
Student Membership details in IEEE,IET,ISTE,CSI and other professional Bodies					✓
<i>19/25 = 76</i>	<i>2</i>	<i>2</i>	<i>-</i>	<i>-</i>	<i>1</i>
Governance and Leadership	A	B	C	D	E
Faculty Awards					✓
Industry Academic Collaboration					✓
Faculty Registered for Ph.D, submitted Synopsis/Thesis, PhD Degree Awarded	✓				
Training program organized for Professional development of Teaching staff/non-teaching staff		✓			
<i>11/20 = 55</i>	<i>1</i>	<i>1</i>	<i>-</i>	<i>-</i>	<i>2</i>

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

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100 \quad \text{eq. - 1}$$

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

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 90 \times 100 \quad \text{eq. - 3}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \quad \text{eq. - 4}$$

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

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

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 20 \times 100 \quad \text{eq. - 7}$$

 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

$$170.9 + 84 + 142.2 + 92 + 56 + 76 + 55 = 676.1 = 67.6$$

The department performance index (Absolute) P_a :- *67.6*

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

The department performance index (Relative) P_r :- *86*

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

Observations of the Academic Audit Committee Members

- * Curricular Aspects ^{and Feedback} are good.
- * Teaching Learning process, Student Support and Progression needs to be improved.
- * Research Consultancy and Extension, Use of ICT, Governance and leadership qualities are poor.

Overall Observation

S X

Name & Signature

Name & Signature

Dr. R. Mathu Soothana S. Kumar,
Director, IQAC,
Noorul Islam Centre for Higher Education,
Kumaracoll. Thuckalay - 629 180.

Name & Signature

(S. Paramikumar)

Name & Signature

The Director - HRM
Noorul Islam University
Kumaracoll.-629180

① Leadership and Governance, as well as Research Consultancy and extension as well as effective use of ICT are very poor. Student Support and Progression as well as Teaching Learning process need further improvements. Curricular aspects and feedback have scope for improvement. Hence Pass poor around 67%. even though Pr is 86%. Needs efforts to improve further.

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

Name of the Department:

Nano Technology

Date: 15.07.21

Description	Five Point Scale				
	A	B	C	D	E
Curricular Aspects					
Lecture Plan		✓			
Lab Plan		✓			
Student Log Book		✓			
Incorporation of BOS Meeting Recommendations	✓				
New Electives introduced	✓				
Class Committee		✓			
Program Committee		✓			
Academic - Course Registration			✓		
Intramural - Course Registration			✓		
Extension Activities					✓
Lab Manuel		✓			
$41/55 = 74.5$	2	6	2	-	1
$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100$					
Feedback					
Student Feedback about Faculty	✓				
Feedback from Student Regarding curriculum		✓			
Feedback from Staff Regarding curriculum		✓			
Feedback from Alumni Regarding curriculum		✓			
Feedback from Experts (Academic/Industries) Regarding curriculum					✓
$18/25 = 72$	1	3	-	-	1
Teaching Learning Process					
Remedial Course Details		✓			
Slow Learners Details		✓			
Students Participation in Seminars, Conference, Symposium Details	✓				
Seminars / Workshops/Training program Conducted					✓
Technical symposia Conducted					✓
Invited experts/lecturers details/ Eminent professor/ Scientist/Guest Details					✓
Project work details	✓				
Publication details of students					✓
Faculty Training Program					✓

Name of the Department: *Nano Technology*Date: *15.7.21*

7. Participation in Seminar/ conferences		✓				
Industrial visit/ NSS/ Participation in Annual sports meet						✓
Internal Assessment Details(Timetable and Marks)		✓				
Series Test Analysis		✓				
End Semester Details, Result Analysis and Rank Details	✓					
Student arrear details						✓
Internship Training Details						✓
Syllabus Coverage Details		✓				
Lab Coverage		✓				
$51/90 = 56.67$	3	7	-	-	8	
Research Consultancy and Extension	A	B	C	D	E	
National and International conferences organized						✓
Details of Patents Registered	✓					
Ongoing research projects details	✓					
Faculty h-index	✓					
Publication of faculty (Web of Science/Scopus/book chapters)	✓					
Members in editorial boards of National and International Journals		✓				
Research awards received by the faculty and students						✓
Research Projects Completed and grants received	✓					
Consultancy services provided and funds received	✓					
Promotion of Industry Institution interaction and R&D		✓				
$40/50 = 80$	6	2	-	-	2	
Effective use of ICT	A	B	C	D	E	
PPTs prepared by the faculty			✓			
Smart room usage Register	✓					
Industrial Tie Up Programmes						✓
Learning Materials provided				✓		
Other Interactive materials prepared/used, NPTEL Course content used			✓			
$14/25 = 56$	1	-	2	1	1	
Student Support and Progression	A	B	C	D	E	
Mentorship Details	✓					
Question Bank		✓				
Details of Alumni Interaction Program Conducted				✓		

Name of the Department: Nano TechnologyDate: 15.7.21

Student Counseling Details		✓			
Student Membership details in IEEE, IET, ISTE, CSI and other professional Bodies					✓
$16/25 = 64$	1	2	-	1	1
Governance and Leadership	A	B	C	D	E
Faculty Awards			✓		
Industry Academic Collaboration	✓				
Faculty Registered for Ph.D, submitted Synopsis/Thesis, PhD Degree Awarded					✓
Training program organized for Professional development of Teaching staff/non-teaching staff					✓
$10/20 = 50$	1	-	1	-	2

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

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100 \quad \text{eq. - 1}$$

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

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 90 \times 100 \quad \text{eq. - 3}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \quad \text{eq. - 4}$$

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

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

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 20 \times 100 \quad \text{eq. - 7}$$

C_a- number of times 'A' rating has obtained in that categoryC_b- number of times 'B' rating has obtained in that categoryC_c- number of times 'C' rating has obtained in that categoryC_d- number of times 'D' rating has obtained in that categoryC_e- number of times 'E' rating has obtained in that category

$$149 + 72 + 113.34 + 160 + 56 + 64 + 50 = 664.3 / 10 = 66.4$$

The department performance index (Absolute) P_a:- 66.4

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

The department performance index (Relative) P_r:- 84.47

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

Observations of the Academic Audit Committee Members

- * Curricular Aspects, Feedback, Research Consultancy and Extension activities should be improved.
- * More attention should be given for Teaching Learning Process for improvement.
- * Use of ICT, Student Support and Progression, Governance and Leadership qualities are Very Poor.

Overall Observation
s **(1)**

Name & Signature

Name & Signature

Dr. R. Mathu Soothana S. Kumar,
Director, IQAC,
Noorul Islam Centre for Higher Education,
Kumaracoli, Thuckalay - 629 180.

Name & Signature

(S. Pavan Kumar)

Name & Signature

The Director - HRM
Noorul Islam University
Kumaracoli - 629180

- ① Governance and Leadership; effective use of ICT as well as Teaching Learning process need lot of improvement. Student Support and progression is needs further improvement. Curricular aspects as well as feed back has lot of scope for improvement. Research, Consultancy and extension has scope for improvement. Hence ~~the~~ Pa is poor around 66%, even though Pr is around 84% - Needs further improvement

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

Name of the Department:

Msc Software Engineering

Date: 15.7.21

Description	Five Point Scale				
	A	B	C	D	E
Curricular Aspects					
Lecture Plan		✓			
Lab Plan		✓			
Student Log Book	✓				
Incorporation of BOS Meeting Recommendations	✓				
New Electives introduced		✓			
Class Committee	✓				
Program Committee	✓				
Academic - Course Registration	✓				
Intramural - Course Registration	✓				
Extension Activities					✓
Lab Manuel		✓			
	47/55 = 85.5	6	4	-	-
$C_i = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100$					
Feedback					
Student Feedback about Faculty	✓				
Feedback from Student Regarding curriculum		✓			
Feedback from Staff Regarding curriculum		✓			
Feedback from Alumni Regarding curriculum		✓			
Feedback from Experts (Academic/Industries) Regarding curriculum		✓			
	21/25 = 84	1	4	-	-
Teaching Learning Process					
Remedial Course Details	✓				
Slow Learners Details		✓			
Students Participation in Seminars, Conference, Symposium Details		✓			
Seminars / Workshops/Training program Conducted					✓
Technical symposia Conducted					✓
Invited experts/lecturers details/ Eminent professor/ Scientist/Guest Details		✓			
Project work details	✓				
Publication details of students	✓				
Faculty Training Program					✓

Name of the Department:

Msc Software Engineering

Date: 15.7.21

3.	Participation in Seminar/ conferences	✓					
	Industrial visit/ NSS/ Participation in Annual sports meet						✓
	Internal Assessment Details(Timetable and Marks)	✓					
	Series Test Analysis	✓					
	End Semester Details, Result Analysis and Rank Details	✓					
	Student arrear details	✓					
	Internship Training Details						✓
	Syllabus Coverage Details		✓				
	Lab Coverage		✓				
	$65/90 = 72.2$	8	5	-	-	5	
	Research Consultancy and Extension	A	B	C	D	E	
	National and International conferences organized						✓
	Details of Patents Registered	✓					
	Ongoing research projects details						✓
	Faculty h-index		✓				
	Publication of faculty (Web of Science/Scopus/book chapters)		✓				
	Members in editorial boards of National and International Journals						✓
	Research awards received by the faculty and students						✓
	Research Projects Completed and grants received						✓
	Consultancy services provided and funds received						✓
	Promotion of Industry Institution interaction and R&D			✓			
	$22/50 = 44$	1	2	1	-	6	
	Effective use of ICT	A	B	C	D	E	
	PPTs prepared by the faculty		✓				
	Smart room usage Register	✓					
	Industrial Tie Up Programmes			✓			
	Learning Materials provided		✓				
	Other Interactive materials prepared/used, NPTEL Course content used		✓				
	$20/25 = 80$	1	3	1	-	-	
	Student Support and Progression	A	B	C	D	E	
	Mentorship Details	✓					
	Question Bank		✓				
	Details of Alumni Interaction Program Conducted	✓					

Name of the Department: *Msc Software Engineering*Date: *15.7.21*

Description	Five Point Scale				
	A	B	C	D	E
Curricular Aspects					
Lecture Plan		✓			
Lab Plan		✓			
Student Log Book	✓				
Incorporation of BOS Meeting Recommendations	✓				
New Electives introduced		✓			
Class Committee	✓				
Program Committee	✓				
Academic - Course Registration	✓				
Intramural - Course Registration	✓				
Extension Activities					✓
Lab Manuel		✓			
<i>47/55 = 85.5</i>					
	6	4	-	-	1
$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100$					
Feedback					
Student Feedback about Faculty	✓				
Feedback from Student Regarding curriculum		✓			
Feedback from Staff Regarding curriculum		✓			
Feedback from Alumni Regarding curriculum		✓			
Feedback from Experts (Academic/Industries) Regarding curriculum		✓			
<i>21/25 = 84</i>					
	1	4	-	-	-
Teaching Learning Process					
Remedial Course Details	✓				
Slow Learners Details		✓			
Students Participation in Seminars, Conference, Symposium Details		✓			
Seminars / Workshops/Training program Conducted					✓
Technical symposia Conducted					✓
Invited experts/lecturers details/ Eminent professor/ Scientist/Guest Details		✓			
Project work details	✓				
Publication details of students	✓				
Faculty Training Program					✓

Name of the Department: *Msc Software Engineering*Date: *15.7.21*

<i>3.</i> Participation in Seminar/ conferences	✓				
Industrial visit/ NSS/ Participation in Annual sports meet					✓
Internal Assessment Details(Timetable and Marks)	✓				
Series Test Analysis	✓				
End Semester Details, Result Analysis and Rank Details	✓				
Student arrear details	✓				
Internship Training Details					✓
Syllabus Coverage Details		✓			
Lab Coverage		✓			
<i>65/90 = 72.2</i>	<i>8</i>	<i>5</i>	<i>-</i>	<i>-</i>	<i>5</i>
Research Consultancy and Extension	A	B	C	D	E
National and International conferences organized					✓
Details of Patents Registered	✓				
Ongoing research projects details					✓
Faculty h-index		✓			
Publication of faculty (Web of Science/Scopus/book chapters)		✓			
Members in editorial boards of National and International Journals					✓
Research awards received by the faculty and students					✓
Research Projects Completed and grants received					✓
Consultancy services provided and funds received					✓
Promotion of industry Institution interaction and R&D			✓		
<i>22/50 = 44</i>	<i>1</i>	<i>2</i>	<i>1</i>	<i>-</i>	<i>6</i>
Effective use of ICT	A	B	C	D	E
PPTs prepared by the faculty		✓			
Smart room usage Register	✓				
Industrial Tie Up Programmes			✓		
Learning Materials provided		✓			
Other Interactive materials prepared/used, NPTEL Course content used		✓			
<i>20/25 = 80</i>	<i>1</i>	<i>3</i>	<i>1</i>	<i>-</i>	<i>-</i>
Student Support and Progression	A	B	C	D	E
Mentorship Details	✓				
Question Bank		✓			
Details of Alumni Interaction Program Conducted	✓				

Name of the Department: Msc Software Engineering

Date: 15.7.21

Student Counseling Details		✓				
Student Membership details in IEEE, IET, ISTE, CSI and other professional Bodies						✓
$19/25 = 76$	2	2	-	-		1
Governance and Leadership	A	B	C	D	E	
Faculty Awards						✓
Industry Academic Collaboration						✓
Faculty Registered for Ph.D, submitted Synopsis/Thesis, PhD Degree Awarded						✓
Training program organized for Professional development of Teaching staff/non-teaching staff						✓
$4/20 = 20$	-	-	-	-		4

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

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100 \quad \text{eq. - 1}$$

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

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 90 \times 100 \quad \text{eq. - 3}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \quad \text{eq. - 4}$$

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

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

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 20 \times 100 \quad \text{eq. - 7}$$

C_1 - number of times 'A' rating has obtained in that category

C_2 - number of times 'B' rating has obtained in that category

C_3 - number of times 'C' rating has obtained in that category

C_4 - number of times 'D' rating has obtained in that category

C_5 - number of times 'E' rating has obtained in that category

$$171 + 84 + 144.4 + 88 + 80 + 76 + 20 = 663.4 / 10 = 66.3$$

The department performance index (Absolute) P_a :- 66.3

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

The department performance index (Relative) P_r :- 84.35

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

Observations of the Academic Audit Committee Members

- * Curricular Aspects, Feedback use of ICT are good.
- * Teaching Learning and process, Student Support and Progression should be improved.
- * Research Consultancy and Extension activities should have been improved with special care.
- * Governance and Leadership qualities are Very Poor.

Overall
Observations

Name &
Signature

Name & Signature

Dr. R. Mathu Soothana S. Kumar,
Director, IQAC,
Noorul Islam Centre for Higher Education,
Kumaracoll, Thuckalay - 629 180.

Name & Signature

G. Prasad Kumar

Name & Signature

The Director - HRM
Noorul Islam University
Kumaracoll.-629180

① Governance and leadership is almost non-existent. Research consultancy and extension are very poor. Teaching learning process as well as students support and progression needs improvement. Effective use of ICT may be further improved. Curricular aspects as well as feedback have scope for improvement. Hence Pa is only around 65%, even though Pr is around 84%. *Alshah*

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

Name of the Department: *Chemistry*Date: *19.07.21*

Description	Five Point Scale				
	A	B	C	D	E
Curricular Aspects					
Lecture Plan		✓			
Lab Plan		✓			
Student Log Book	✓				
Incorporation of BOS Meeting Recommendations	✓				
New Electives introduced	✓				
Class Committee			✓		
Program Committee			✓		
Academic - Course Registration	✓				
Intramural - Course Registration					
Extension Activities					✓
Lab Manuel		✓			
$39/50 = 78$	4	3	2	-	1
$C_i = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100$					
Feedback	A	B	C	D	E
Student Feedback about Faculty	✓				
Feedback from Student Regarding curriculum		✓			
Feedback from Staff Regarding curriculum		✓			
Feedback from Alumni Regarding curriculum		✓			
Feedback from Experts (Academic/Industries) Regarding curriculum		✓			
$21/25 = 84$	1	4	-	-	-
Teaching Learning Process	A	B	C	D	E
Remedial Course Details		✓			
Slow Learners Details			✓		
Students Participation in Seminars, Conference, Symposium Details	✓				
Seminars / Workshops/Training program Conducted					✓
Technical symposia Conducted					✓
Invited experts/lecturers details/ Eminent professor/ Scientist/Guest Details				✓	
Project work details	✓				
Publication details of students		✓			
Faculty Training Program					✓

Name of the Department: ChemistryDate: 19.7.21

7. Participation in Seminar/ conferences	✓				
Industrial visit/ NSS/ Participation in Annual sports meet					✓
Internal Assessment Details(Timetable and Marks)	✓				
Series Test Analysis	✓				
End Semester Details, Result Analysis and Rank Details	✓				
Student arrear details		✓			
Internship Training Details					✓
Syllabus Coverage Details		✓			
Lab Coverage		✓			
$60/90 = 66.67$	6	5	1	1	5
Research Consultancy and Extension	A	B	C	D	E
National and International conferences organized	✓				
Details of Patents Registered					✓
Ongoing research projects details	✓				
Faculty h-index	✓				
Publication of faculty (Web of Science/Scopus/book chapters)	✓				
Members in editorial boards of National and International Journals			✓		
Research awards received by the faculty and students					✓
Research Projects Completed and grants received	✓				
Consultancy services provided and funds received				✓	
Promotion of Industry Institution interaction and R&D					✓
$33/50 = 66$	5	-	1	1	3
Effective use of ICT	A	B	C	D	E
PPTs prepared by the faculty			✓		
Smart room usage Register			✓		
Industrial Tie Up Programmes					✓
Learning Materials provided	✓				
Other Interactive materials prepared/used, NPTEL Course content used			✓		
$15/25 = 60$	1	-	3	-	1
Student Support and Progression	A	B	C	D	E
Mentorship Details	✓				
Question Bank	✓				
Details of Alumni Interaction Program Conducted					✓

Name of the Department: ChemistryDate: 19.07.21

Student Counseling Details		✓			
Student Membership details in IEEE, IET, ISTE, CSI and other professional Bodies					✓
	$16/25 = 64$	2	1	—	—
Governance and Leadership		A	B	C	D
Faculty Awards					✓
Industry Academic Collaboration					✓
Faculty Registered for Ph.D, submitted Synopsis/Thesis, PhD Degree Awarded			✓		
Training program organized for Professional development of Teaching staff/non-teaching staff					✓
	$6/20 = 30$	—	—	1	—

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

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100 \quad \text{eq. - 1}$$

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

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 90 \times 100 \quad \text{eq. - 3}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \quad \text{eq. - 4}$$

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

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

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 20 \times 100 \quad \text{eq. - 7}$$

 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

$$156 + 84 + 133.3 + 132 + 60 + 64 + 30 = 659.34 / 10 = 65.9$$

The department performance index (Absolute) P_a :- 65.9

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

The department performance index (Relative) P_r :- 83.84

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

Observations of the Academic Audit Committee Members

- * Feedback is really good.
- * Some more attention should be given for Curricular Aspects.
- * Teaching Learning process, Research Consultancy and Extension, Use of ICT, Student Support and progression should be improved.
- * Governance and Leadership qualities is Very poor.

Overall
Observation
s (X)

Name &
Signature


Name & Signature

Dr. R. Mathu Soothana S. Kumar,
Director, IQAC,
Noorul Islam Centre for Higher Education,
Kumaracoll, Thuckalay - 629 180.


Name & Signature
(S. Paravikumar)


Name & Signature

The Director - HRM
Noorul Islam University
Kumaracoll.-629180

① Governance and Leadership is almost non-existent. Effective Teaching Learning, Research consultancy and extension, Use of ICT as well as students Support and progression are less than 67%, and has lot of scope for improvement. Curricular aspects are less than 80% and needs further improvement. Feedback is less than 85% and has scope for improvement. Hence Pa is only 66% even though Pr is around 84%. Needs improvement on all aspects. Revised: 68%

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

Name of the Department: *English*Date: *16.7.21*

Description	Five Point Scale				
	A	B	C	D	E
Curricular Aspects					
Lecture Plan		✓			
Lab Plan					
Student Log Book					✓
Incorporation of BOS Meeting Recommendations	✓				
New Electives introduced		✓			
Class Committee			✓		
Program Committee			✓		
Academic - Course Registration			✓		
Intramural - Course Registration					
Extension Activities					✓
Lab Manuel					
<i>24/40 = 60</i>	<i>1</i>	<i>2</i>	<i>3</i>	<i>-</i>	<i>2</i>
$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100$					
Feedback	A	B	C	D	E
Student Feedback about Faculty			✓		
Feedback from Student Regarding curriculum		✓			
Feedback from Staff Regarding curriculum		✓			
Feedback from Alumni Regarding curriculum		✓			
Feedback from Experts (Academic/Industries) Regarding curriculum					✓
<i>16/25 = 64</i>	<i>-</i>	<i>3</i>	<i>1</i>	<i>-</i>	<i>1</i>
Teaching Learning Process	A	B	C	D	E
Remedial Course Details			✓		
Slow Learners Details		✓			
Students Participation in Seminars, Conference, Symposium Details					✓
Seminars / Workshops/Training program Conducted					✓
Technical symposia Conducted					✓
Invited experts/lecturers details/ Eminent professor/ Scientist/Guest Details					✓
Project work details	✓				
Publication details of students					✓
Faculty Training Program					✓

Name of the Department: *English*

Date: 16.7.21

Participation in Seminar/ conferences			✓		
Industrial visit/ NSS/ Participation in Annual sports meet					✓
Internal Assessment Details(Timetable and Marks)		✓			
Series Test Analysis			✓		
End Semester Details, Result Analysis and Rank Details		✓			
Student arrear details					✓
Internship Training Details					✓
Syllabus Coverage Details		✓			
Lab Coverage					
$39/85 = 45.9$	1	4	3	-	9
Research Consultancy and Extension	A	B	C	D	E
National and International conferences organized					✓
Details of Patents Registered					✓
Ongoing research projects details					✓
Faculty h-index					✓
Publication of faculty (Web of Science/Scopus/book chapters)					✓
Members in editorial boards of National and International Journals					✓
Research awards received by the faculty and students					✓
Research Projects Completed and grants received					✓
Consultancy services provided and funds received					✓
Promotion of Industry Institution interaction and R&D					✓
$10/50 = 20$					
Effective use of ICT	A	B	C	D	E
PPTs prepared by the faculty					✓
Smart room usage Register					✓
Industrial Tie Up Programmes					✓
Learning Materials provided		✓			
Other Interactive materials prepared/used, NPTEL Course content used					✓
$8/25 = 32$	-	1	-	-	4
Student Support and Progression	A	B	C	D	E
Mentorship Details					✓
Question Bank	✓				
Details of Alumni Interaction Program Conducted					✓

Name of the Department:

English

Date: 16.7.21

Student Counseling Details			✓		
Student Membership details in IEEE,IET,ISTE,CSI and other professional Bodies					✓
11/25 = 44	1	—	1	—	3
Governance and Leadership	A	B	C	D	E
Faculty Awards					✓
Industry Academic Collaboration					✓
Faculty Registered for Ph.D, submitted Synopsis/Thesis, PhD Degree Awarded					✓
Training program organized for Professional development of Teaching staff/non-teaching staff					✓
4/20 = 20	—	—	—	—	4

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

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100 \quad \text{eq. - 1}$$

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

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 90 \times 100 \quad \text{eq. - 3}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \quad \text{eq. - 4}$$

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

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

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 20 \times 100 \quad \text{eq. - 7}$$

C_a- number of times 'A' rating has obtained in that categoryC_b- number of times 'B' rating has obtained in that categoryC_c- number of times 'C' rating has obtained in that categoryC_d- number of times 'D' rating has obtained in that categoryC_e- number of times 'E' rating has obtained in that category

$$120 + 64 + 91.8 + 40 + 32 + 44 + 20 = 411.8 = 41.1$$

The department performance index (Absolute) P_a:- 41.1

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

The department performance index (Relative) P_r:- 52.29

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

Name of the Department: English

Date: 16.7.21

Observations of the Academic Audit Committee Members

- * Curricular Aspects, Feedback should be improved.
- * More attention should be given for Teaching Learning and process, Student Support and Progression for improvement.
- * Research Consultancy and Extension, Use of ICT, Governance and Leadership qualities are very poor.
- * Need improvement in all aspects.

Overall Observation



Name & Signature

Name & Signature

Dr. R. Mathu Soothana S. Kumar,
Director, IQAC,
Noorul Islam Centre for Higher Education,
Kumaracoli, Thuckalay - 629 180.

Name & Signature

(S. Palanikumar)

Name & Signature

The Director - HRM
Noorul Islam University
Kumaracoli.-629180

⊗ Governance and Leadership, Research, Consultancy and Extension, Effective use of ICT, Student Support & Progression and Teaching Learning processes are far below 50%. Only Curricular aspects and feedback are around 60%. Hence Pa is as low as 41% and Pr is around 52%. Needs improvement in each and every aspect.

Dr. N. Chandrashekhar 5821

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

Name of the Department: MathsDate: 16.07.21

	Description	Five Point Scale				
		A	B	C	D	E
	Curricular Aspects					
	Lecture Plan		✓			
	Lab Plan					
	Student Log Book			✓		
	Incorporation of BOS Meeting Recommendations	✓				
	New Electives introduced	✓				
	Class Committee	✓				
	Program Committee	✓				
	Academic - Course Registration	✓				
	Intramural - Course Registration					
	Extension Activities		✓			
	Lab Manuel					
	$36/40 = 90$	5	2	1	-	-
	$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100$					
	Feedback	A	B	C	D	E
	Student Feedback about Faculty	✓				
	Feedback from Student Regarding curriculum		✓			
	Feedback from Staff Regarding curriculum		✓			
	Feedback from Alumni Regarding curriculum		✓			
	Feedback from Experts (Academic/Industries) Regarding curriculum					✓
	$18/25 = 72$	1	3	-	-	1
	Teaching Learning Process	A	B	C	D	E
	Remedial Course Details		✓			
	Slow Learners Details		✓			
	Students Participation in Seminars, Conference, Symposium Details	✓				
	Seminars / Workshops/Training program Conducted		✓			
	Technical symposia Conducted					✓
	Invited experts/lecturers details/ Eminent professor/ Scientist/Guest Details		✓			
	Project work details	✓				
	Publication details of students	✓				
	Faculty Training Program					✓

Name of the Department: *Maths*Date: *16.7.21*

Participation in Seminar/ conferences	✓				
Industrial visit/ NSS/ Participation in Annual sports meet					✓
Internal Assessment Details(Timetable and Marks)	✓				
Series Test Analysis	✓				
End Semester Details, Result Analysis and Rank Details	✓				
Student arrear details	✓				
Internship Training Details					✓
Syllabus Coverage Details	✓				
Lab Coverage					
$65/85 = 76.5$	9	4	-	-	4
Research Consultancy and Extension	A	B	C	D	E
National and International conferences organized	✓				
Details of Patents Registered					✓
Ongoing research projects details					✓
Faculty h-index		✓			
Publication of faculty (Web of Science/Scopus/book chapters)	✓				
Members in editorial boards of National and International Journals					✓
Research awards received by the faculty and students					✓
Research Projects Completed and grants received					✓
Consultancy services provided and funds received					✓
Promotion of Industry Institution interaction and R&D					✓
$21/50 = 42$	2	1	-	-	7
Effective use of ICT	A	B	C	D	E
PPTs prepared by the faculty		✓			
Smart room usage Register		✓			
Industrial Tie Up Programmes					✓
Learning Materials provided	✓				
Other Interactive materials prepared/used, NPTEL Course content used					✓
$15/25 = 60$	1	2	-	-	2
Student Support and Progression	A	B	C	D	E
Mentorship Details	✓				
Question Bank			✓		
Details of Alumni Interaction Program Conducted	✓				

Name of the Department: MathsDate: 16.07.21

Student Counseling Details		✓			
Student Membership details in IEEE,IET,ISTE,CSI and other professional Bodies					✓
$18/25 = 72$	2	1	1	-	1
Governance and Leadership	A	B	C	D	E
Faculty Awards		✓			
Industry Academic Collaboration					✓
Faculty Registered for Ph.D, submitted Synopsis/Thesis, PhD Degree Awarded					✓
Training program organized for Professional development of Teaching staff/non-teaching staff					✓
$7/20 = 35$	-	1	-	-	3

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

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100 \quad \text{eq. - 1}$$

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

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 90 \times 100 \quad \text{eq. - 3}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \quad \text{eq. - 4}$$

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

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

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 20 \times 100 \quad \text{eq. - 7}$$

 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

$$180 + 72 + 153 + 84 + 60 + 72 + 35 = 656 / 10 = 65.6$$

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 :- 83.46

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

Observations of the Academic Audit Committee Members

- * Curricular Aspects are really good.
- * Feedback, Teaching learning and process, Student support and progression should be improved.
- * More attention should be given for usage of ICT.
- * Research Consultancy and Extension, Governance and Leadership qualities are poor.

Overall Observation

s **(*)**

Name & Signature

Name & Signature

Dr. R. Mathu Soothana S. Kumar,
Director, IQAC,
Noorul Islam Centre for Higher Education,
Kumaracoil, Thuckalay - 629 180.

Name & Signature

(S. Pavan Kumar)

Name & Signature

The Director - HRM
Noorul Islam University
Kumaracoil.-629180

- ④ Governance and Leadership as well as Research, Consultancy and Extension are almost non-existent. Effective use of ICT is poor. Students support and progression as well as Teaching and learning process as well as feedback is above 70%. Only Curricular aspects are good at 90%. There is scope for improvement in all aspects. **Alshehri 68%**
Even though Pr is 83%, Pa is around 67% and needs improvement

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

Name of the Department:

Aeronautical Engineering

Date: 5.07.21

	Description	Five Point Scale				
		A	B	C	D	E
	Curricular Aspects					
	Lecture Plan		✓			
	Lab Plan		✓			
	Student Log Book	✓				
	Incorporation of BOS Meeting Recommendations	✓				
	New Electives introduced	✓				
	Class Committee			✓		
	Program Committee					✓
	Academic - Course Registration		✓			
	Intramural - Course Registration		✓			
	Extension Activities					✓
	Lab Manuel		✓			
	$40/55 = 72.7$	3	5	1	-	2
	$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100$					
	Feedback	A	B	C	D	E
	Student Feedback about Faculty	✓				
	Feedback from Student Regarding curriculum		✓			
	Feedback from Staff Regarding curriculum		✓			
	Feedback from Alumni Regarding curriculum		✓			
	Feedback from Experts (Academic/Industries) Regarding curriculum		✓			
	$21/25 = 84$	1	4	-	-	-
	Teaching Learning Process	A	B	C	D	E
	Remedial Course Details	✓				
	Slow Learners Details			✓		
	Students Participation in Seminars, Conference, Symposium Details	✓				
	Seminars / Workshops/Training program Conducted					✓
	Technical symposia Conducted					✓
	Invited experts/lecturers details/ Eminent professor/ Scientist/Guest Details			✓		
	Project work details		✓			
	Publication details of students					✓
	Faculty Training Program					✓

Name of the Department: Aeronautical EngineeringDate: 5.7.21

Participation in Seminar/ conferences	✓				
Industrial visit/ NSS/ Participation in Annual sports meet			✓		
Internal Assessment Details(Timetable and Marks)	✓				
Series Test Analysis		✓			
End Semester Details, Result Analysis and Rank Details	✓				
Student arrear details			✓		
Internship Training Details	✓				
Syllabus Coverage Details		✓			
Lab Coverage		✓			
$62/90=68.9$	6	4	4	-	4
Research Consultancy and Extension	A	B	C	D	E
National and International conferences organized					✓
Details of Patents Registered		✓			
Ongoing research projects details					✓
Faculty h-index		✓			
Publication of faculty (Web of Science/Scopus/book chapters)		✓			
Members in editorial boards of National and International Journals			✓		
Research awards received by the faculty and students					✓
Research Projects Completed and grants received					✓
Consultancy services provided and funds received					✓
Promotion of Industry Institution interaction and R&D					✓
$21/50=42$	-	3	1	-	6
Effective use of ICT	A	B	C	D	E
PPTs prepared by the faculty	✓				
Smart room usage Register	✓				
Industrial Tie Up Programmes					✓
Learning Materials provided	✓				
Other Interactive materials prepared/used, NPTEL Course content used		✓			
$20/25=80$	3	1	-	-	1
Student Support and Progression	A	B	C	D	E
Mentorship Details	✓				
Question Bank	✓				
Details of Alumni Interaction Program Conducted		✓			

Name of the Department: *Aeronautical Engineering*

Date: *05.07.21*

Student Counseling Details			✓		
Student Membership details in IEEE, IET, ISTE, CSI and other professional Bodies					✓
<i>18/25 = 72</i>	<i>2</i>	<i>1</i>	<i>1</i>	<i>-</i>	<i>1</i>
Governance and Leadership	A	B	C	D	E
Faculty Awards					✓
Industry Academic Collaboration					✓
Faculty Registered for Ph.D, submitted Synopsis/Thesis, PhD Degree Awarded		✓			
Training program organized for Professional development of Teaching staff/non-teaching staff				✓	
<i>8/20 = 40</i>	<i>-</i>	<i>1</i>	<i>-</i>	<i>1</i>	<i>2</i>

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

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100 \quad \text{eq. - 1}$$

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

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 90 \times 100 \quad \text{eq. - 3}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \quad \text{eq. - 4}$$

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

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

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 20 \times 100 \quad \text{eq. - 7}$$

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

$$145.4 + 84 + 137.8 + 84 + 80 + 72 + 40 = 643.2 / 10 = 64.3$$

The department performance index (Absolute) P_a :- *64.3*

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

The department performance index (Relative) P_r :- *81.80*

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

Observations of the Academic Audit Committee Members

- * More attention should be given to Curricular aspects, Teaching Learning process for improvement.
- * Feedback, use of ICT, Student support & Progression are good.
- * Research Consultancy & Extension, Governance and Leadership qualities are Very poor.

Overall Observation

S (*)

Name & Signature

Name & Signature

Dr. R. Mathu Soothana S. Kumar,
Director, IQAC,
Noorul Islam Centre for Higher Education,
Kumaracoll. Thuckalay - 629 180.

Name & Signature

(S. Palarikumar)

Name & Signature

The Director - HRM
Noorul Islam University
Kumaracoll.-629180

- ① Governance and Leadership as well as Research, Consultancy and Extension are very poor. Teaching Learning Process, Student Support & Progression as well as curricular aspects need lots of improvements. Effective use of ICT and Feedback are good. Hence Pa is around 64% even though Pr is around 82%. There is scope for improvement in all aspects.

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

Name of the Department: *Electrical and Electronics*Date: *09.07.21*

Description	Five Point Scale				
	A	B	C	D	E
Curricular Aspects					
Lecture Plan		✓			
Lab Plan	✓				
Student Log Book	✓				
Incorporation of BOS Meeting Recommendations	✓				
New Electives introduced		✓			
Class Committee	✓				
Program Committee		✓			
Academic - Course Registration	✓				
Intramural - Course Registration	✓				
Extension Activities					✓
Lab Manuel			✓		
<i>46/55=83.6</i>					
	6	3	1	-	1
$C_I = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100$					
Feedback					
Student Feedback about Faculty	✓				
Feedback from Student Regarding curriculum		✓			
Feedback from Staff Regarding curriculum		✓			
Feedback from Alumni Regarding curriculum		✓			
Feedback from Experts (Academic/Industries) Regarding curriculum			✓		
<i>20/25 = 80</i>					
	1	3	1	-	-
Teaching Learning Process					
Remedial Course Details		✓			
Slow Learners Details			✓		
Students Participation in Seminars, Conference, Symposium Details	✓				
Seminars / Workshops/Training program Conducted	✓				
Technical symposia Conducted					✓
Invited experts/lecturers details/ Eminent professor/ Scientist/Guest Details		✓			
Project work details			✓		
Publication details of students					✓
Faculty Training Program					✓

Name of the Department:

Electrical and Electronics

Date: 9.7.21

Participation in Seminar/ conferences	✓				
Industrial visit/ NSS/ Participation in Annual sports meet					✓
Internal Assessment Details(Timetable and Marks)	✓				
Series Test Analysis			✓		
End Semester Details, Result Analysis and Rank Details	✓				
Student arrear details					✓
Internship Training Details					✓
Syllabus Coverage Details		✓			
Lab Coverage		✓			
$56/90 = 62.2$	5	4	3	-	6
Research Consultancy and Extension	A	B	C	D	E
National and International conferences organized					✓
Details of Patents Registered					✓
Ongoing research projects details					✓
Faculty h-index		✓			
Publication of faculty (Web of Science/Scopus/book chapters)	✓				
Members in editorial boards of National and International Journals					✓
Research awards received by the faculty and students					✓
Research Projects Completed and grants received					✓
Consultancy services provided and funds received					✓
Promotion of Industry Institution interaction and R&D					✓
$17/50 = 34$	1	1	-	-	8
Effective use of ICT	A	B	C	D	E
PPTs prepared by the faculty	✓				
Smart room usage Register	✓				
Industrial Tie Up Programmes					✓
Learning Materials provided		✓			
Other Interactive materials prepared/used, NPTEL Course content used		✓			
$19/25 = 76$	2	2	-	-	1
Student Support and Progression	A	B	C	D	E
Mentorship Details	✓				
Question Bank		✓			
Details of Alumni Interaction Program Conducted			✓		

Name of the Department: *Electrical and Electronics*Date: *9.7.21*

Student Counseling Details			✓		
Student Membership details in IEEE,IET,ISTE,CSI and other professional Bodies					✓
<i>16/25 = 64</i>	<i>1</i>	<i>1</i>	<i>2</i>	<i>-</i>	<i>1</i>
Governance and Leadership	A	B	C	D	E
Faculty Awards		✓			
Industry Academic Collaboration					✓
Faculty Registered for Ph.D, submitted Synopsis/Thesis, PhD Degree Awarded		✓			
Training program organized for Professional development of Teaching staff/non-teaching staff					✓
<i>10/20 = 50</i>	<i>-</i>	<i>2</i>	<i>-</i>	<i>-</i>	<i>2</i>

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

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100 \quad \text{eq. - 1}$$

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

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 90 \times 100 \quad \text{eq. - 3}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \quad \text{eq. - 4}$$

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

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

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 20 \times 100 \quad \text{eq. - 7}$$

 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

$$167.2 + 80 + 124.4 + 68 + 76 + 64 + 50 = 629.6 / 10 = 62.9$$

The department performance index (Absolute) P_a :- *62.9*

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

The department performance index (Relative) P_r :- *80.02*

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

Observations of the Academic Audit Committee Members

- * Curricular Aspects are good.
- * Feedback, Use of ICT should be improved.
- * More attention should be given to Teaching Learning process, Student Support and progression, Governance and Leadership qualities for improvement.
- * Research Consultancy and Extension activities are very poor and special care should be given.

Overall Observation

s

④

Name & Signature

Name & Signature

Dr. R. Mathu Soothana S. Kumar,
 Director, IQAC,
 Noorul Islam Centre for Higher Education,
 Kumaracoil, Thuckalay - 629 180.

Name & Signature

S. Palani Kumar

Name & Signature

The Director - HRM
Noorul Islam University
Kumaracoil - 629180

- ④ Research, Consultancy and Extension as well as Governance and Leadership are very poor. Teaching Learning Process as well as Student Support and Progression need improvements. Effective use of ICT, Feedback as well as Curricular aspects are good. Hence Pr is around 63%. even though Pr is around 80%. Needs improvements in all aspects. *Ms. Shikha 5821*

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

Name of the Department: *Automobile Engineering*Date: *06.7.21*

Description	Five Point Scale				
	A	B	C	D	E
Curricular Aspects					
Lecture Plan		✓			
Lab Plan		✓			
Student Log Book		✓			
Incorporation of BOS Meeting Recommendations	✓				
New Electives introduced	✓				
Class Committee	✓				
Program Committee	✓				
Academic - Course Registration	✓				
Intramural - Course Registration	✓				
Extension Activities					✓
Lab Manual	✓				
	<i>48/55=87.3</i>	<i>7</i>	<i>3</i>	<i>-</i>	<i>-</i>
$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100$					
Feedback					
Student Feedback about Faculty	✓				
Feedback from Student Regarding curriculum		✓			
Feedback from Staff Regarding curriculum		✓			
Feedback from Alumni Regarding curriculum		✓			
Feedback from Experts (Academic/Industries) Regarding curriculum		✓			
	<i>21/25=84</i>	<i>1</i>	<i>4</i>	<i>-</i>	<i>-</i>
Teaching Learning Process					
Remedial Course Details					✓
Slow Learners Details			✓		
Students Participation in Seminars, Conference, Symposium Details		✓			
Seminars / Workshops/Training program Conducted	✓				
Technical symposia Conducted					✓
Invited experts/lecturers details/ Eminent professor/ Scientist/Guest Details					✓
Project work details	✓				
Publication details of students					✓
Faculty Training Program					✓

Name of the Department: Automobile Engineering Date: 06.7.21

Participation in Seminar/ conferences	✓				
Industrial visit/ NSS/ Participation in Annual sports meet	✓				
Internal Assessment Details(Timetable and Marks)	✓				
Series Test Analysis					✓
End Semester Details, Result Analysis and Rank Details	✓				
Student arrear details					✓
Internship Training Details	✓				
Syllabus Coverage Details	✓				
Lab Coverage		✓			
$57/90 = 63.3$	7	3	1	-	7
Research Consultancy and Extension	A	B	C	D	E
National and International conferences organized					✓
Details of Patents Registered					✓
Ongoing research projects details					✓
Faculty h-index				✓	
Publication of faculty (Web of Science/Scopus/book chapters)		✓			
Members in editorial boards of National and International Journals					✓
Research awards received by the faculty and students					✓
Research Projects Completed and grants received					✓
Consultancy services provided and funds received					✓
Promotion of Industry Institution interaction and R&D		✓			
$17/50 = 34$	-	2	-	1	7
Effective use of ICT	A	B	C	D	E
PPTs prepared by the faculty			✓		
Smart room usage Register	✓				
Industrial Tie Up Programmes		✓			
Learning Materials provided	✓				
Other Interactive materials prepared/used, NPTEL Course content used			✓		
$20/25 = 80$	2	1	2	-	-
Student Support and Progression	A	B	C	D	E
Mentorship Details	✓				
Question Bank	✓				
Details of Alumni Interaction Program Conducted					✓

Name of the Department: Automobile Engineering

Date: 06.07.21

Student Counseling Details		✓				
Student Membership details in IEEE,IET,ISTE,CSI and other professional Bodies						✓
	$16/25 = 64$	2	1	—	—	2
Governance and Leadership		A	B	C	D	E
Faculty Awards						✓
Industry Academic Collaboration						✓
Faculty Registered for Ph.D, submitted Synopsis/Thesis, PhD Degree Awarded		✓				
Training program organized for Professional development of Teaching staff/non-teaching staff						✓
	$7/20 = 35$	—	1	—	—	3

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

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100 \quad \text{eq. - 1}$$

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

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 90 \times 100 \quad \text{eq. - 3}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \quad \text{eq. - 4}$$

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

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

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 20 \times 100 \quad \text{eq. - 7}$$

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

$$174.6 + 84 + 126.6 + 68 + 80 + 64 + 35 = 629.2 / 10 = 62.9$$

The department performance index (Absolute) P_a :- 62.9

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

The department performance index (Relative) P_r :- 80.02

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

Observations of the Academic Audit Committee Members

- * Curricular Aspects, Feedback, Use of ICT are really good.
- * More attention should be given to Teaching Learning process, Student Support and Progression for improvement.
- * Research Consultancy and Extension, Governance and Leadership Qualities are Very poor and special attention should be given for improvement.

Overall Observation

s (A)

Name & Signature

Name & Signature

Dr. R. Mathu Soothana S. Kumar,
Director, IQAC,
Noorul Islam Centre for Higher Education,
Kumaracoll. Thuckalay - 629 180.

Name & Signature

(S. P. Anvikumar)

Name & Signature

The Director - HRM
Noorul Islam University
Kumaracoll. - 629 180

(f) Research, Consultancy & Extension as well as Governance and Leadership are very poor. Teaching Learning process and as well as Student Support and Feedback are around 64%. Curricular aspects, Feedback as well as Effective use of ICT are Good. Hence Pass around 63%. even though Pass is around 80%. There is scope for improvement in all aspects.

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

Pro. Vice Chancellor

Noorul Islam Centre for Higher Education

Name of the Department:

Master of Computer Application

Date: 14.7.21

Description	Five Point Scale				
	A	B	C	D	E
Curricular Aspects					
Lecture Plan		✓			
Lab Plan		✓			
Student Log Book				✓	
Incorporation of BOS Meeting Recommendations	✓				
New Electives introduced	✓				
Class Committee			✓		
Program Committee			✓		
Academic - Course Registration	✓				
Intramural - Course Registration	✓				
Extension Activities					✓
Lab Manual	✓				
$42/55 = 76.4$	5	2	2	1	1
$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100$					
Feedback					
Student Feedback about Faculty	✓				
Feedback from Student Regarding curriculum		✓			
Feedback from Staff Regarding curriculum		✓			
Feedback from Alumni Regarding curriculum		✓			
Feedback from Experts (Academic/Industries) Regarding curriculum			✓		
$20/25 = 80$	1	3	1	—	—
Teaching Learning Process					
Remedial Course Details		✓			
Slow Learners Details			✓		
Students Participation in Seminars, Conference, Symposium Details					✓
Seminars / Workshops/Training program Conducted	✓				
Technical symposia Conducted	✓				
Invited experts/lecturers details/ Eminent professor/ Scientist/Guest Details					✓
Project work details		✓			
Publication details of students					✓
Faculty Training Program					✓

Name of the Department:

Master of Computer Application

Date: 14.7.21

3	Participation in Seminar/ conferences	✓				
	Industrial visit/ NSS/ Participation in Annual sports meet					✓
	Internal Assessment Details(Timetable and Marks)	✓				
	Series Test Analysis	✓				
	End Semester Details, Result Analysis and Rank Details	✓				
	Student arrear details			✓		
	Internship Training Details				✓	
	Syllabus Coverage Details		✓			
	Lab Coverage		✓			
	$59/90 = 65.6$	6	4	2	1	5
	Research Consultancy and Extension	A	B	C	D	E
	National and International conferences organized					✓
	Details of Patents Registered	✓				
	Ongoing research projects details					✓
	Faculty h-index	✓				
	Publication of faculty (Web of Science/Scopus/book chapters)	✓				
	Members in editorial boards of National and International Journals					✓
	Research awards received by the faculty and students					✓
	Research Projects Completed and grants received					✓
	Consultancy services provided and funds received					✓
	Promotion of Industry Institution interaction and R&D					✓
	$22/50 = 44$	3	-	-	-	7
	Effective use of ICT	A	B	C	D	E
	PPTs prepared by the faculty		✓			
	Smart room usage Register		✓			
	Industrial Tie Up Programmes					✓
	Learning Materials provided		✓			
	Other Interactive materials prepared/used, NPTEL Course content used			✓		
	$16/25 = 64$	-	3	1	-	1
	Student Support and Progression	A	B	C	D	E
	Mentorship Details			✓		
	Question Bank	✓				
	Details of Alumni Interaction Program Conducted				✓	

Name of the Department: Master of Computer Application Date: 14.7.21

Student Counseling Details		✓			
Student Membership details in IEEE,IET,ISTE,CSI and other professional Bodies					✓
	$15/25 = 60$	1	1	1	1
Governance and Leadership		A	B	C	D E
Faculty Awards			✓		
Industry Academic Collaboration					✓
Faculty Registered for Ph.D, submitted Synopsis/Thesis, PhD Degree Awarded				✓	
Training program organized for Professional development of Teaching staff/non-teaching staff					✓
	$8/20 = 40$	-	1	-	1 2

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

Category wise percentage is calculated with the following formula:

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100 \quad \text{eq. - 1}$$

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

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 90 \times 100 \quad \text{eq. - 3}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \quad \text{eq. - 4}$$

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

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

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 20 \times 100 \quad \text{eq. - 7}$$

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

$$152.8 + 80 + 131.2 + 88 + 64 + 60 + 40 = 616/10 = 61.6$$

The department performance index (Absolute) P_a :- 61.6

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

The department performance index (Relative) P_r :- 78.37

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

Observations of the Academic Audit Committee Members

- * More attention should be given for Curricular Aspects and Feedback for improvement.
- * Teaching Learning process, Use of ICT, Student support and progression should be improved with special care.
- * Research Consultancy and Extension, Governance and Leadership Qualities are poor.

Overall Observation
s A

Name & Signature

Name & Signature

Dr. R. Mathu Soothana S. Kumar,
Director, IQAC,
Noorul Islam Centre for Higher Education,
Kumaracoil, Thuckalay - 629 180.

S. Palani
Name & Signature

(S. Palani Kumar)

Name & Signature

The Director - HRM
Noorul Islam University
Kumaracoil.-629180

- ① Governance and Leadership as well as Research, Consultancy and Extension are very poor. Student's Progression and Support, Effective use of ICT and Teaching Learning process need lot of improvements. There is scope for improvement in curricular aspects and feedback. Hence Pa is around 62%. Even through Pr is around 78%. Needs improvements. Alshedhar

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

Name of the Department: **Biomedical Engineering**

Date: 07.07.21

Description	Five Point Scale				
	A	B	C	D	E
Curricular Aspects					
Lecture Plan		✓			
Lab Plan		✓			
Student Log Book					✓
Incorporation of BOS Meeting Recommendations	✓				
New Electives introduced	✓				
Class Committee	✓				
Program Committee		✓			
Academic - Course Registration	✓				
Intramural - Course Registration	✓				
Extension Activities			✓		
Lab Manuel	✓				
	46/55 = 83.6	6	3	1	- 1
$C_I = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100$					
Feedback					
Student Feedback about Faculty	✓				
Feedback from Student Regarding curriculum		✓			
Feedback from Staff Regarding curriculum		✓			
Feedback from Alumni Regarding curriculum		✓			
Feedback from Experts (Academic/Industries) Regarding curriculum			✓		
	20/25 = 80	1	3	1	- -
Teaching Learning Process					
Remedial Course Details	✓				
Slow Learners Details					✓
Students Participation in Seminars, Conference, Symposium Details					✓
Seminars / Workshops/Training program Conducted	✓				
Technical symposia Conducted					✓
Invited experts/lecturers details/ Eminent professor/ Scientist/Guest Details					✓
Project work details	✓				
Publication details of students					✓
Faculty Training Program					✓

Name of the Department: Biomedical EngineeringDate: 7.7.21

1	Participation in Seminar/ conferences		✓			
	Industrial visit/ NSS/ Participation in Annual sports meet	✓				
	Internal Assessment Details(Timetable and Marks)	✓				
	Series Test Analysis	✓				
	End Semester Details, Result Analysis and Rank Details					✓
	Student arrear details					✓
	Internship Training Details	✓				
	Syllabus Coverage Details	✓				
	Lab Coverage		✓			
	$56/90 = 62.22$	8	2	-	-	8
	Research Consultancy and Extension	A	B	C	D	E
	National and International conferences organized	✓				
	Details of Patents Registered					✓
	Ongoing research projects details	✓				
	Faculty h-index	✓				
	Publication of faculty (Web of Science/Scopus/book chapters)			✓		
	Members in editorial boards of National and International Journals					✓
	Research awards received by the faculty and students					✓
	Research Projects Completed and grants received					✓
	Consultancy services provided and funds received	✓				
	Promotion of Industry Institution interaction and R&D					✓
	$28/50 = 56$	4	-	1	-	5
	Effective use of ICT	A	B	C	D	E
	PPTs prepared by the faculty					✓
	Smart room usage Register			✓		
	Industrial Tie Up Programmes					✓
	Learning Materials provided	✓				
	Other Interactive materials prepared/used, NPTEL Course content used				✓	
	$12/25 = 48$	1	-	1	1	2
	Student Support and Progression	A	B	C	D	E
	Mentorship Details	✓				
	Question Bank					✓
	Details of Alumni Interaction Program Conducted					✓

Name of the Department: **Biomedical Engineering**

Date: **07.07.21**

Student Counseling Details		✓			
Student Membership details in IEEE,IET,ISTE,CSI and other professional Bodies					✓
	12/25 = 48	1	1	—	— 3
Governance and Leadership		A	B	C	D E
Faculty Awards					✓
Industry Academic Collaboration		✓			
Faculty Registered for Ph.D, submitted Synopsis/Thesis, PhD Degree Awarded					✓
Training program organized for Professional development of Teaching staff/non-teaching staff					✓
	7/20 = 35	—	1	—	— 3

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

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100 \quad \text{eq. - 1}$$

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

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 90 \times 100 \quad \text{eq. - 3}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \quad \text{eq. - 4}$$

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

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

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 20 \times 100 \quad \text{eq. - 7}$$

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

$$167.2 + 80 + 124.4 + 112 + 48 + 48 + 35 = 614.6 / 10 = 61.4$$

The department performance index (Absolute) P_a :- **61.4**

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

The department performance index (Relative) P_r :- **78.11**

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

Observations of the Academic Audit Committee Members

- * Curricular Aspects, Feedback are good.
- * More attention should be given to Teaching Learning process, Research Consultancy and Extension activities for improvement.
- * Student support and progression, Use of ICT, Governance and Leadership are Very poor.

Overall Observation

S (*)

Name & Signature

Name & Signature

Dr. R. Mathu Soothana S. Kumar,
Director, IQAC,
Noorul Islam Centre for Higher Education,
Kumaracoll. Thuckalay - 629 180.

Name & Signature

(S. Palani Kumar)

Name & Signature

The Director - HRM
Noorul Islam University
Kumaracoll.-629180

- (*) Governance and Leadership, Student Support & Progression and Effective use of ICT need lot of improvements. Research Consultancy & Extension as well as Teaching Learning processes need good number of improvements. There is lot of scope for improvement in curricular aspects and feedback. Hence Pa is around 61% even though Pr is around 78%. Needs improvements in all aspects.
- 21/07/21 582

Name of the Department:

Allied Health Science

Date: 20.7.21

	Description	Five Point Scale				
		A	B	C	D	E
	Curricular Aspects					
	Lecture Plan		✓			
	Lab Plan		✓			
	Student Log Book		✓			
	Incorporation of BOS Meeting Recommendations		✓			
	New Electives introduced		✓			
	Class Committee			✓		
	Program Committee		✓			
	Academic - Course Registration	✓				
	Intramural - Course Registration					
	Extension Activities	✓				
	Lab Manuel		✓			
	$41/50 = 82$	2	7	1	-	-
	$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100$					
	Feedback	A	B	C	D	E
	Student Feedback about Faculty	✓				
	Feedback from Student Regarding curriculum		✓			
	Feedback from Staff Regarding curriculum		✓			
	Feedback from Alumni Regarding curriculum					
	Feedback from Experts (Academic/Industries) Regarding curriculum					✓
	$14/20 = 70$	1	2	-	-	1
	Teaching Learning Process	A	B	C	D	E
	Remedial Course Details		✓			
	Slow Learners Details			✓		
	Students Participation in Seminars, Conference, Symposium Details		✓			
	Seminars / Workshops/Training program Conducted	✓				
	Technical symposia Conducted					✓
	Invited experts/lecturers details/ Eminent professor/ Scientist/Guest Details					✓
	Project work details		✓			
	Publication details of students					✓
	Faculty Training Program					✓

Name of the Department: *Allied Health Science*Date: *20.7.21*

<i>3.</i> Participation in Seminar/ conferences	✓				
Industrial visit/ NSS/ Participation in Annual sports meet	✓				
Internal Assessment Details(Timetable and Marks)	✓				
Series Test Analysis	✓				
End Semester Details, Result Analysis and Rank Details	✓				
Student arrear details				✓	
Internship Training Details		✓			
Syllabus Coverage Details		✓			
Lab Coverage		✓			
<i>63/90 = 70</i>	<i>6</i>	<i>6</i>	<i>1</i>	<i>1</i>	<i>4</i>
Research Consultancy and Extension	A	B	C	D	E
National and International conferences organized					✓
Details of Patents Registered					✓
Ongoing research projects details					✓
Faculty h-index			✓		
Publication of faculty (Web of Science/Scopus/book chapters)					✓
Members in editorial boards of National and International Journals					✓
Research awards received by the faculty and students					✓
Research Projects Completed and grants received					✓
Consultancy services provided and funds received					✓
Promotion of Industry Institution interaction and R&D					✓
<i>12/50 = 24</i>	<i>—</i>	<i>—</i>	<i>1</i>	<i>—</i>	<i>9</i>
Effective use of ICT	A	B	C	D	E
PPTs prepared by the faculty		✓			
Smart room usage Register					✓
Industrial Tie Up Programmes					✓
Learning Materials provided			✓		
Other Interactive materials prepared/used, NPTEL Course content used	✓				
<i>14/25 = 56</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>—</i>	<i>2</i>
Student Support and Progression	A	B	C	D	E
Mentorship Details	✓				
Question Bank	✓				
Details of Alumni Interaction Program Conducted	—	—	—	—	—

Name of the Department: Allied Health ScienceDate: 20/7/21

Student Counseling Details			✓		
Student Membership details in IEEE,IET,ISTE,CSI and other professional Bodies					✓
$14/20 = 70$	21	—	1	—	1
Governance and Leadership	A	B	C	D	E
Faculty Awards					✓
Industry Academic Collaboration					✓
Faculty Registered for Ph.D, submitted Synopsis/Thesis, PhD Degree Awarded					✓
Training program organized for Professional development of Teaching staff/non-teaching staff		✓			
$7/20 = 35$	—	1	—	—	3

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

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100 \quad \text{eq. - 1}$$

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

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 90 \times 100 \quad \text{eq. - 3}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \quad \text{eq. - 4}$$

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

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

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 20 \times 100 \quad \text{eq. - 7}$$

C_a- number of times 'A' rating has obtained in that categoryC_b- number of times 'B' rating has obtained in that categoryC_c- number of times 'C' rating has obtained in that categoryC_d- number of times 'D' rating has obtained in that categoryC_e- number of times 'E' rating has obtained in that category

$$164 + 70 + 140 + 48 + 56 + 70 + 35 = 583 / 10 = 58.3$$

The department performance index (Absolute) P_a:- 58.3

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

The department performance index (Relative) P_r:- 74.17

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

Observations of the Academic Audit Committee Members

- * Curricular Aspects are good.
- * Feedback, Teaching Learning and Process, Student Support and Progression should be improved.
- * More attention should be given for usage of ICT.
- * Research Consultancy and Extension, Governance leadership and qualities are Very poor and can be improved.

Overall
Observations (+)Name &
Signature

Name & Signature

Dr. R. Mathu Soothana S. Kumar,
Director, IQAC,
Noorul Islam Centre for Higher Education,
Kumaracoli, Thuckalay - 629 180.

Name & Signature

S. Palani
(S. Palanikumar)

Name & Signature

The Director - HRM
Noorul Islam University
Kumaracoli.-629180

① Research, Consultancy and Extension as well as Governance and leadership qualities are very poor. Effective use of ICT is below average. Teaching learning process and Students support and progression ~~are good~~ as well as Feedback are good. Curricular aspects are excellent. Hence Pa is less than 60 %, even though Ar is around 74 %. There is lot of scope for improvement in all aspects. Alshekhar 5821

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

Name of the Department:

Marine Engineering

Date: 12.7.21

Description	Five Point Scale				
	A	B	C	D	E
Curricular Aspects					
Lecture Plan		✓			
Lab Plan		✓			
Student Log Book		✓			
Incorporation of BOS Meeting Recommendations					
New Electives introduced					
Class Committee	✓				
Program Committee					
Academic - Course Registration					✓
Intramural - Course Registration					
Extension Activities					✓
Lab Manuel		✓			
$23/35 = 71.4$	1	4	-	-	2
$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100$					
Feedback					
Student Feedback about Faculty	✓				
Feedback from Student Regarding curriculum		✓			
Feedback from Staff Regarding curriculum		✓			
Feedback from Alumni Regarding curriculum		✓			
Feedback from Experts (Academic/Industries) Regarding curriculum			✓		
$20/25 = 80$	1	3	1	-	-
Teaching Learning Process					
Remedial Course Details		✓			
Slow Learners Details			✓		
Students Participation in Seminars, Conference, Symposium Details					✓
Seminars / Workshops/Training program Conducted					✓
Technical symposia Conducted					✓
Invited experts/lecturers details/ Eminent professor/ Scientist/Guest Details			✓		
Project work details	✓				
Publication details of students					✓
Faculty Training Program					✓

Name of the Department: *Marine Engineering*Date: *12.7.21*

Participation in Seminar/ conferences		✓			
Industrial visit/ NSS/ Participation in Annual sports meet	✓				
Internal Assessment Details(Timetable and Marks)	✓				
Series Test Analysis	✓				
End Semester Details, Result Analysis and Rank Details	✓				
Student arrear details					✓
Internship Training Details					✓
Syllabus Coverage Details		✓			
Lab Coverage		✓			
<i>54/90=60</i>	<i>5</i>	<i>4</i>	<i>2</i>	<i>-</i>	<i>7</i>
Research Consultancy and Extension	A	B	C	D	E
National and International conferences organized					✓
Details of Patents Registered					✓
Ongoing research projects details					✓
Faculty h-index			✓		
Publication of faculty (Web of Science/Scopus/book chapters)		✓			
Members in editorial boards of National and International Journals					✓
Research awards received by the faculty and students					✓
Research Projects Completed and grants received					✓
Consultancy services provided and funds received					✓
Promotion of Industry Institution interaction and R&D					✓
<i>15/50 = 30</i>	<i>-</i>	<i>1</i>	<i>1</i>	<i>-</i>	<i>8</i>
Effective use of ICT	A	B	C	D	E
PPTs prepared by the faculty			✓		
Smart room usage Register		✓			
Industrial Tie Up Programmes					✓
Learning Materials provided	✓				
Other Interactive materials prepared/used, NPTEL Course content used	✓				
<i>18/25 = 72</i>	<i>2</i>	<i>1</i>	<i>1</i>	<i>-</i>	<i>1</i>
Student Support and Progression	A	B	C	D	E
Mentorship Details	✓				
Question Bank		✓			
Details of Alumni Interaction Program Conducted					✓

Name of the Department: Marine EngineeringDate: 12.7.21

Student Counseling Details		✓				
Student Membership details in IEEE, IET, ISTE, CSI and other professional Bodies	✓					
	19/25 = 76	2	2	-	-	1
Governance and Leadership	A	B	C	D	E	
Faculty Awards						✓
Industry Academic Collaboration						✓
Faculty Registered for Ph.D, submitted Synopsis/Thesis, PhD Degree Awarded				✓		
Training program organized for Professional development of Teaching staff/non-teaching staff						✓
	5/20 = 25	-	-	-	1	3

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

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100 \quad \text{eq. - 1}$$

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

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 90 \times 100 \quad \text{eq. - 3}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \quad \text{eq. - 4}$$

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

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

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 20 \times 100 \quad \text{eq. - 7}$$

 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

$$142.8 + 80 + 120 + 60 + 72 + 76 + 25 = 575.8 / 10 = 57.5$$

The department performance index (Absolute) P_a :- 57.5

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

The department performance index (Relative) P_r :- 73.15

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

Observations of the Academic Audit Committee Members

- * More attention should be given for Curricular Aspects, Feedback, use of ICT, Student Support and progression for improvement.
- * Teaching Learning and Process should be improved.
- * Research Consultancy and Extension, Governance and Leadership Qualities are Very poor.

Overall
Observation
s X

Name &
Signature

Name & Signature

Dr. R. Mathu Soothana S. Kumar,
Director, IQAC,
Noorul Islam Centre for Higher Education,
Kumaracoil, Thuckalay - 629 180.

Name & Signature

(S. Panavikumar)

Gov.

Name & Signature

The Director - HRM
Noorul Islam University
Kumaracoil.-629180

① Governance and Leadership, Research, Consultancy and Extension are far below even 35%. Teaching learning process, effective use of ICT, Curricular aspects are below 75%. Student Support and ~~Feedback~~ progression and Feedback are above 75%. Hence Pa is only 57.5% even though P₁ is 73.1% (which is not true indicator of the performance). Needs improvement in all aspects. Alshelt. 582

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

Name of the Department: Aerospace Engineering

Date: 05.07.21

Description	Five Point Scale				
	A	B	C	D	E
Curricular Aspects					
Lecture Plan		✓			
Lab Plan	✓				
Student Log Book		✓			
Incorporation of BOS Meeting Recommendations	✓				
New Electives introduced	✓				
Class Committee					✓
Program Committee				✓	
Academic - Course Registration	✓				
Intramural - Course Registration	✓				
Extension Activities					✓
Lab Manual	✓				
$42/55 = 76.36$	6	2	-	1	2
$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100$					
Feedback					
Student Feedback about Faculty	✓				
Feedback from Student Regarding curriculum		✓			
Feedback from Staff Regarding curriculum		✓			
Feedback from Alumni Regarding curriculum		✓			
Feedback from Experts (Academic/Industries) Regarding curriculum				✓	
$19/25 = 76$	1	3	-	1	-
Teaching Learning Process					
Remedial Course Details					✓
Slow Learners Details					✓
Students Participation in Seminars, Conference, Symposium Details		✓			
Seminars / Workshops/Training program Conducted					✓
Technical symposia Conducted					✓
Invited experts/lecturers details/ Eminent professor/ Scientist/Guest Details					✓
Project work details			✓		
Publication details of students					✓
Faculty Training Program					✓

Name of the Department: Aerospace EngineeringDate: 5.7.21

7. Participation in Seminar/ conferences	✓				
Industrial visit/ NSS/ Participation in Annual sports meet					✓
Internal Assessment Details(Timetable and Marks)	✓				
Series Test Analysis				✓	
End Semester Details, Result Analysis and Rank Details	✓				
Student arrear details					✓
Internship Training Details					✓
Syllabus Coverage Details		✓			
Lab Coverage	✓				
$43/90 = 47.78$	4	2	1	1	10
Research Consultancy and Extension	A	B	C	D	E
National and International conferences organized					✓
Details of Patents Registered					✓
Ongoing research projects details					✓
Faculty h-index			✓		
Publication of faculty (Web of Science/Scopus/book chapters)				✓	
Members in editorial boards of National and International Journals			✓		
Research awards received by the faculty and students					✓
Research Projects Completed and grants received					✓
Consultancy services provided and funds received					✓
Promotion of Industry Institution interaction and R&D					✓
$15/50 = 30$	—	—	2	1	7
Effective use of ICT	A	B	C	D	E
PPTs prepared by the faculty			✓		
Smart room usage Register				✓	
Industrial Tie Up Programmes		✓			
Learning Materials provided			✓		
Other Interactive materials prepared/used, NPTEL Course content used			✓		
$15/25 = 60$	—	1	3	1	—
Student Support and Progression	A	B	C	D	E
Mentorship Details	✓				
Question Bank	✓				
Details of Alumni Interaction Program Conducted			✓		

Name of the Department: Aerospace EngineeringDate: 05.07.21

Student Counseling Details		✓			
Student Membership details in IEEE, IET, ISTE, CSI and other professional Bodies					✓
$18/25 = 72$	2	1	1	—	1
Governance and Leadership	A	B	C	D	E
Faculty Awards					✓
Industry Academic Collaboration					✓
Faculty Registered for Ph.D, submitted Synopsis/Thesis, PhD Degree Awarded	✓				
Training program organized for Professional development of Teaching staff/non-teaching staff					✓
$8/20 = 40$	1	—	—	—	3

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

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100 \quad \text{eq. - 1}$$

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

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 90 \times 100 \quad \text{eq. - 3}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \quad \text{eq. - 4}$$

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

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

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 20 \times 100 \quad \text{eq. - 7}$$

 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

$$152.7 + 76 + 95.56 + 60 + 60 + 72 + 40 = 556.2 / 10 = 55.6$$

The department performance index (Absolute) P_a :- 55.6

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

The department performance index (Relative) P_r :- 70.73

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

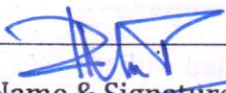
Observations of the Academic Audit Committee Members

- * Curricular Aspects, Feedback, Student Support and Progression needs to be improved.
- * Teaching Learning Process, Research Consultancy and Extension, Governance and Leadership qualities are Very poor.
- * Use of ICT Should be improved.

Overall Observation

s (*)

Name & Signature


Name & Signature

Dr. R. Mathu Soothana S. Kumar,
Director, IQAC,
Noorul Islam Centre for Higher Education,
Kumaracoil, Thuckalay - 629 180.


Name & Signature
(S. Palani) (S. Palani)


Name & Signature

The Director - HRM
Noorul Islam University
Kumaracoil.-629180

④ Research, Consultancy and Extension; Governance and Leadership and Teaching Learning Process are far below 50%. Effective Use of ICT is 60%. Student Support & Progressions, Feedback and Curricular aspects are less than 79%. Hence Pa is less than 56% and P_{or} ~~is~~ is around 70% but not a true indicator of performance. Hence Needs improvement on all aspects.



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

Name of the Department: **Civil Engineering**Date: **07.07.21**

Description	Five Point Scale				
	A	B	C	D	E
Curricular Aspects					
Lecture Plan		✓			
Lab Plan		✓			
Student Log Book				✓	
Incorporation of BOS Meeting Recommendations	✓				
New Electives introduced	✓				
Class Committee					✓
Program Committee					✓
Academic - Course Registration		✓			
Intramural - Course Registration		✓			
Extension Activities					✓
Lab Manuel		✓			
35/55 = 63.6					
	2	5	-	1	3
$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100$					
Feedback					
Student Feedback about Faculty	✓				
Feedback from Student Regarding curriculum			✓		
Feedback from Staff Regarding curriculum			✓		
Feedback from Alumni Regarding curriculum			✓		
Feedback from Experts (Academic/Industries) Regarding curriculum				✓	
16/25 = 64					
	1	-	3	1	-
Teaching Learning Process					
Remedial Course Details			✓		
Slow Learners Details				✓	
Students Participation in Seminars, Conference, Symposium Details					✓
Seminars / Workshops/Training program Conducted					✓
Technical symposia Conducted					✓
Invited experts/lecturers details/ Eminent professor/ Scientist/Guest Details					✓
Project work details	✓				
Publication details of students					✓
Faculty Training Program	✓				

Name of the Department: *Civil Engineering*Date: *7.7.21*

Participation in Seminar/ conferences					✓
Industrial visit/ NSS/ Participation in Annual sports meet	✓				
Internal Assessment Details(Timetable and Marks)	✓				
Series Test Analysis		✓			
End Semester Details, Result Analysis and Rank Details	✓				
Student arrear details					✓
Internship Training Details					✓
Syllabus Coverage Details		✓			
Lab Coverage		✓			
50/90 = 55.6	5	3	1	1	8
Research Consultancy and Extension	A	B	C	D	E
National and International conferences organized					✓
Details of Patents Registered					✓
Ongoing research projects details					✓
Faculty h-index	✓				
Publication of faculty (Web of Science/Scopus/book chapters)					✓
Members in editorial boards of National and International Journals					✓
Research awards received by the faculty and students					✓
Research Projects Completed and grants received					✓
Consultancy services provided and funds received	✓				
Promotion of Industry Institution interaction and R&D					✓
18/50 = 36	2	-	-	-	8
Effective use of ICT	A	B	C	D	E
PPTs prepared by the faculty				✓	
Smart room usage Register	✓				
Industrial Tie Up Programmes					✓
Learning Materials provided	✓				
Other Interactive materials prepared/used, NPTEL Course content used				✓	
15/25 = 60	2	-	-	2	1
Student Support and Progression	A	B	C	D	E
Mentorship Details	✓				
Question Bank			✓		
Details of Alumni Interaction Program Conducted					✓

Name of the Department: Civil EngineeringDate: 7.7.21

Student Counseling Details				✓	
Student Membership details in IEEE,IET,ISTE,CSI and other professional Bodies					✓
<u>12/25 = 48</u>	<u>1</u>	<u>—</u>	<u>1</u>	<u>1</u>	<u>2</u>
Governance and Leadership	A	B	C	D	E
Faculty Awards					✓
Industry Academic Collaboration					✓
Faculty Registered for Ph.D, submitted Synopsis/Thesis, PhD Degree Awarded	✓				
Training program organized for Professional development of Teaching staff/non-teaching staff					✓
<u>8/20 = 40</u>	<u>1</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>3</u>

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

Category wise percentage is calculated with the following formula

$$C_1 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 55 \times 100 \quad \text{eq. - 1}$$

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

$$C_3 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 90 \times 100 \quad \text{eq. - 3}$$

$$C_4 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 50 \times 100 \quad \text{eq. - 4}$$

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

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

$$C_7 = (C_a \times 5 + C_b \times 4 + C_c \times 3 + C_d \times 2 + C_e \times 1) / 20 \times 100 \quad \text{eq. - 7}$$

 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

$$127.2 + 64 + 111.2 + 72 + 60 + 48 + 40 = 522.4 / 10 = 52.2$$

The department performance index (Absolute) P_a :- 52.2

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

The department performance index (Relative) P_r :- 66.41

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

Observations of the Academic Audit Committee Members

- * More importance should be given for Curricular Aspects, Feedback, use of ICT for improvement.
- * Teaching Learning process should be improved.
- * Research Consultancy and Extension, Student support and Progression, Governance and leadership qualities are very poor.
- * Need improvement in all Aspects.

Overall Observation
s 4

Name & Signature

Name & Signature

Dr. R. Mathu Soothana S. Kumar,
Director, IQAC,
Noorul Islam Centre for Higher Education,
Kumaracoil, Thuckalay - 629 180.

Name & Signature

(S. Pavan Kumar)

Name & Signature

The Director - HRM
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⑦ Research, Consultancy & Extension; Governance and Leadership; Student Support and Progression are far below 50%. Teaching Learning Processes are around 55%. Effective use of ICT, Curricular Aspects and Feedback are around 60%. Hence Pa is only 52% and P₂ also is around 66%. Hence needs improvement in all aspects

Dr. N. Chandrashekhar 5821
Dr. N. Chandrashekhar, BE., Ph.D (IIT-M)
Dr. N. Chandrashekhar, BE., Ph.D (IIT-M)
Pro. Vice Chancellor
Noorul Islam Centre for Higher Education