Ref: GCE Salem/IQAC/2023-24/External Audit   **Date:14.10.2024**

Circular

It is proposed to conduct **External Audit** to review the internally audited academic documents for the academic year 2023-24 on **22.10.2024 at 10 am**. Regarding this, a committee comprising external members for conducting external audit has been constituted as follows:

1. Dr. A. Kaviyarasu, IQAC Deputy Director
   Assistant Professor (Sr.)/ Department of Aerospace Engineering
   Anna University, Chennai.
   Mobile No:9551235989
   Email:isrokavi@gmail.com

2. Dr P. Saravanan
   Associate Professor/Department of Aerospace Engineering
   Hindustan Institute of Technology and Science
   Chennai 603103
   Mobile: 9994389829
   Email: saro.aero@gmail.com

3. Dr. P. Suresh Professor & Head
   Department of Mechatronics Engineering
   Sona College of Tech, Salem.
   Mobile: 9443227627
   Email: suresh_p_g@sonatech.ac.in

For the same, all the Heads of the Departments the faculty in-charges of various clubs are requested to make arrangements to review necessary documents for the academic year 2023-24.

IQAC Coordinator   **IQAC Chairperson**

Copy to:
   HoD/Civil
   HoD/CSE
   HoD/ECE
   HoD/EEE
   HoD/Mechanical
   HoD/Metallurgical
   HoD/First Year
   Faculty in-charge (NCC, NSS and other clubs)

EXTERNAL AUDIT REPORT 2023-2024

Part – 1: Preliminary Information

Name of the Department	:	ECE
Address of the Institute	:	GCE, Salem
Date and time of visit	:	22.10.24
Members of the Audit Committee	:	
1. Dr. A. Kaviyarasu, IQAC Deputy Director Assistant Professor (Sr.)/ Department of Aerospace Engineering Anna University, Chennai.	:	
2. Dr P. Saravanan, Associate Professor/Department of Aerospace Engineering Hindustan Institute of Technology and Science, Chennai 603103	:	
3. Dr. P. Suresh Professor & Head Department of Mechatronics Engineering Sona College of Tech, Salem	:	

Part – 2: Academics Information

Metric No	Description	Yes/ No
	Criteria 1 Curricular Aspects	
1.1 Curriculum Design and Development	**1.1.1 Curricula developed and implemented have relevance to the local, regional, national, and global developmental needs, which is reflected in the Programme outcomes (Pos) and Course Outcomes(Cos) of the Programmes**	Yes
	➤ Vision & Mission	
	➤ Programmme Educational Objectives (PEO)	
	➤ Program Outcomes (PO) – UG & PG	
	➤ Program Specific Outcomes (PSO) – UG & PG	
	➤ R2018 – Curriculum and Syllabus with CO – UG & PG	
	➤ R2022 – Curriculum and Syllabus with CO – UG & PG	

	➢ Process for designing vision, mission, PEO, Program curriculum, New regulation, Teaching Process	*Action taken implementation is missing in the Curriculum – need to implemen*
	➢ Syllabi book for 2018 and 2022 Regulations	
	➢ Circular and Action taken report for Department level Committee, Program Advisory Committee and Board of Studies Minutes	
	1.1.2 The programmes focus on employability/ entrepreneurship/ skill development and their course syllabi are adequately revised to incorporate contemporary requirements	
	➢ R2018 & R2022 – Course categorization & Comparison charts	*Yes*
1.2 Academic Flexibility	**1.2.1 New courses introduced out of the total number of courses**	
	➢ List of new courses with syllabi for R2018	*Yes*
	➢ Minutes of Board of Studies meeting clearly specifying the syllabus approval of new courses (R2018)	
1.3 Curriculum Enrichment	**1.3.1 Integrating cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability and other value framework enshrined in Sustainable Development Goals and National Education Policy – 2020 into the Curriculum**	*Yes*
	➢ List of courses for Human Values, Gender, and Professional Ethics with Syllabus	
	➢ List of courses for Environment and Sustainability with Syllabus	
	➢ List of faculty members attending the course "Universal human values"	
	1.3.2 Number of certificate/value added courses/Diploma Programmes offered by the department and online courses of MOOCs, SWAYAM/e-PG Pathshala/ NPTEL and other recognized platforms	*Need to maintain proper doc:*
	➢ List of students and the attendance sheet for the above mentioned programs	*1. Circular*
	➢ Programme brochure/notice for Value added programs	*2. Attendance*
	➢ Evidence of course completion	*3. Photos*
	1.3.3 Does the programme have components of field projects / research projects / internships	*4. Report* *5. Assessment* *6. feedback.*
	➢ Evaluated sample project report (5) – UG & PG	*7. Syllabus copy*
	➢ Internship completion letter – UG & PG	*Yes -*

1.4 Feedback System	**Structured feedback for curriculum and its transaction is regularly obtained from stakeholders like Students, Teachers, Employers, Alumni, Academic peers etc.,**	
	➢ Collections of feedback forms – Students, Faculty, Parent, Employer, Alumni, Exit Survey	*Analysis feedback is there. But No actionable point taken and presented in PAC & BoS*
	➢ Feedback analysis report	
	➢ Action taken report on the feedback analysis	
	➢ Circular and Action taken report for Department level Committee, Program Advisory Committee and Board of Studies Minutes	
	Criteria 2 Teaching-learning and Evaluation	

2.1 Student Enrolment and Profile

Enrolment percentage

Year	2023-24	
	UG	PG
No of Seats sanctioned	198	36
Filled	184	07

✓

2.2 Catering to Student Diversity	**2.2.1 The department assesses the learning levels of the students and organises special Programmes to cater to differential learning needs of the student**	
	➢ Remedial Classes Schedule	✓
	➢ Class Committee Circulars and Minutes	
	➢ Mentor – Mentee Files	*Need to have one file for each student with all personal, Aca & con. details*
	➢ Placement Courses offered for slow learners	
	➢ Regulation R2018 – Fast track System.	
	➢ NPTEL Courses Registration and certificates	
	➢ GATE/CAT Programs	

2021.1.2   Student – Full time teacher ratio

Year	2023-24
No of students	191
Number of full time teachers	13

12

➢ List showing the number of students in each of the programs

✓

2.3 Teaching-Learning Process	**2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experience and teachers use ICT- enabled tools including online resources for effective teaching and learning process**
	➢ Experiential learning – Sample Internship letter,

	Naan Mudhalvan courses, Sample Industrial Project, if any Industrial Visit Reports	
	➢ Participative learning – Technical Seminar for M.E: Circular and other supporting documents Learning through various social activities and technical association events: Invitation, Schedule, Attendance sheet and Report with Photographs	
	➢ Problem solving methodologies – Sample Assignments, Tutorials, Mini Project, Project work Report	
	➢ SWAYAM/NPTEL Courses	
	2.3.2 The department adopts effective Mentor-Mentee Schemes to address academics and student psychological issues	
	➢ List of Active mentors	
	➢ Mentor allocation circulars	
	➢ Mentor Student Mapping	
	➢ Sample Counselling Forms	
	2.3.3 Preparation and adherence of Academic Calendar and Teaching plans by the department	
	➢ Academic Calendar	
	➢ Teaching Plan	
2.4 Student Performance and Learning Outcomes	**2.4.1 The department has stated learning outcomes (programme and course outcome)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents and the attainment of the same are evaluated by the department**	
	➢ Course File for each course ➢ Overall CO-PO & PSO Attainment with Action Taken Report	
	➢ Project Review Evaluation with Rubric	
	➢ Exit Survey sample forms	
	2.4.2 Pass percentage of students	
	➢ Departments: Result Analysis of all classes with chart	

Year	2023-24
Number of Students Pass	176

	Criteria 3 Research, Innovations and Extension	
3.1 Promotion of Research and Facilities	**3.1.1 Amount of seed money provided by institution to its teachers for research.**	

3.1.1 Amount of seed money provided by institution to its teachers for research.

Year	2023-24
Amount (INR in Lakhs)	NIL

> List of faculty who have been provided with seed money for research along with the title of the project, duration and amount year-wise
> Audited Income-Expenditure statement

3.1.2 Teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research

Year	2023-24
Total number of teacher	NIL

3.2 Resource Mobilization for Research

3.2.1 Total Grants research funding received by the institution and its faculties through Government and non-government sources such as industry, corporate houses, international bodies for research project, endowment research chairs

Year	2023-24
Amount (INR in Lakhs)	NIL

> List of Extramural funding received for research, Endowment Research Chairs received

3.2.2 Number of research projects per teacher funded by government, non-government, industry, corporate houses, international bodies

Year	2023-24
Number of research projects per teacher	NIL

3.2.3 Number of teachers recognised as research guides

Year	2023-24
Recognised as research guides	

3.3 Research Publications and Awards

3.3.1 List of candidates registered for Ph.D per teacher

Year	2023-24
Total Number of Candidate	07

3.3.2 List of research papers in the Journals notified on UGC CARE list

Year	2023-24
Total Number of Research paper	12

	➤ Copies of Full paper (with author and affiliation details)	
	3.3.3 Total Number of books and chapters in edited volumes published	
	➤ Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters	
3.4 Consultancy	**Revenue generated from consultancy and corporate training**	
3.5 Collaboration	**Number of functional MoUs/linkages with department/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research**	10
	➤ Copies of documents indicating the functional MoUs	
	➤ List of year wise activities with report	
	Criteria 4 Infrastructure and Learning Resources	
4.1 Physical Facilities	**Adequate infrastructure and other facilities**	
	➤ Details of Interactive Display & Smart Board	✓
	➤ Details of Classrooms, Laboratory and list of equipment including lab manual, Number of Computers available, list of software used for students 1. Classrooms with Interactive Boars – 2. Laboratory- 3. Computer – 4. Seminar Hall – 5. Conference Hall – 6. LCD Projectors -	✓

3.3.3 Total Number of books and chapters in edited volumes published

Year	2023-24
Total Number of Books/Chapters	02

Revenue generated from consultancy and corporate training

Year	2023-24
Amount (INR in Lakhs)	Nil

Year	2023-24
Total Number of MoUs	03

	Criteria 5 Student Support and Progression	
5.1 Student Support	**5.1.1 Efforts taken by the department to provide career counselling including e-counselling and guidance for competitive examinations**	✓
	➢ Details of programmes like Career guidance programme, Placement Training ➢ Reports with Photograph	
	5.1.2 Capacity development and skills enhancement activities are organised for improving students' capability	*need to show proper document in a order.*
	Year 2023-24	
	Total Number of Program 03	
	➢ Report with Photographs on programmes conducted for awareness of trends	
5.2 Student Progression	**5.2.1 Number of outgoing students placed and progressed to higher education**	✓
	Year 2023-24	
	Total Number of Students Placed 40	
	Total Number of progressed to higher education 01	
	5.2.2 Number of students qualifying in state/ national/ international level examinations (eg: NET/SLET/Civil Services/State government examinations etc.)	
	Year 2023-24	
	Total Number of Students Qualified 01	
5.3 Student Participation and Activities	**Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the department.**	
	➢ Technical Symposium	✓
	➢ Class committee meeting	✓
	➢ BOS minutes	✓
	➢ BOG Sub committees circulars and Minutes (Student Representation)	✓
	Criteria 6 Governance, Leadership and Management	
6.1 Faculty Empowerment Strategies	**6.1.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies**	*yes*
	Year 2023-24	
	Total Number of Teacher 1	

6.1.2 Number of Teachers who have undergone online/ face-to-face Faculty Development Programmes (FDP)/ Management Development Programs (MDP)		*all attended.*
Year	2023-24	
Total Number of Teacher	09	
➤ List of Faculty attended FDP/MDP		

Overall Comments if any:

→ Need to Know about policy / SOP.

→ Need to Show the Structured file.

22/-/21

PRINCIPAL
GOVT. COLLEGE OF ENGG
SALEM-636 011.

EXTERNAL AUDIT REPORT 2023-2024

Part – 1: Preliminary Information

Name of the Department	:	MECHANICAL
Address of the Institute	:	
Date and time of visit	:	22.10.24.
Members of the Audit Committee	:	
1. Dr. A. Kaviyarasu, IQAC Deputy Director Assistant Professor (Sr.)/ Department of Aerospace Engineering Anna University, Chennai.	:	
2. Dr P. Saravanan, Associate Professor/Department of Aerospace Engineering Hindustan Institute of Technology and Science, Chennai 603103	:	
3. Dr. P. Suresh Professor & Head Department of Mechatronics Engineering Sona College of Tech, Salem	:	PSoomyvath 22/p/24

Part – 2: Academics Information

Metric No	Description	Yes/No
	Criteria 1 Curricular Aspects	
1.1 Curriculum Design and Development	**1.1.1 Curricula developed and implemented have relevance to the local, regional, national, and global developmental needs, which is reflected in the Programme outcomes (Pos) and Course Outcomes(Cos) of the Programmes**	
	➢ Vision & Mission	
	➢ Programmme Educational Objectives (PEO)	
	➢ Program Outcomes (PO) – UG & PG	
	➢ Program Specific Outcomes (PSO) – UG & PG	
	➢ R2018 – Curriculum and Syllabus with CO – UG & PG	
	➢ R2022 – Curriculum and Syllabus with CO – UG & PG	

	➤ Process for designing vision, mission, PEO, Program curriculum, New regulation, Teaching Process	
	➤ Syllabi book for 2018 and 2022 Regulations	2018 Reg.
	➤ Circular and Action taken report for Department level Committee, Program Advisory Committee and Board of Studies Minutes	
	1.1.2 The programmes focus on employability/ entrepreneurship/ skill development and their course syllabi are adequately revised to incorporate contemporary requirements	
	➤ R2018 & R2022 – Course categorization & Comparison charts	
1.2 Academic Flexibility	**1.2.1 New courses introduced out of the total number of courses**	
	➤ List of new courses with syllabi for R2018	Y
	➤ Minutes of Board of Studies meeting clearly specifying the syllabus approval of new courses (R2018)	
1.3 Curriculum Enrichment	**1.3.1 Integrating cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability and other value framework enshrined in Sustainable Development Goals and National Education Policy – 2020 into the Curriculum**	
	➤ List of courses for Human Values, Gender, and Professional Ethics with Syllabus	Y
	➤ List of courses for Environment and Sustainability with Syllabus	
	➤ List of faculty members attending the course "Universal human values"	
	1.3.2 Number of certificate/value added courses/Diploma Programmes offered by the department and online courses of MOOCs, SWAYAM/e-PG Pathshala/ NPTEL and other recognized platforms	
	➤ List of students and the attendance sheet for the above mentioned programs	Y
	➤ Programme brochure/notice for Value added programs	
	➤ Evidence of course completion	
	1.3.3 Does the programme have components of field projects / research projects / internships	
	➤ Evaluated sample project report (5) – UG & PG	Y
	➤ Internship completion letter – UG & PG	

1.4 Feedback System	Structured feedback for curriculum and its transaction is regularly obtained from stakeholders like Students, Teachers, Employers, Alumni, Academic peers etc.,	
	➤ Collections of feedback forms – Students, Faculty, Parent, Employer, Alumni, Exit Survey	Y
	➤ Feedback analysis report	
	➤ Action taken report on the feedback analysis	
	➤ Circular and Action taken report for Department level Committee, Program Advisory Committee and Board of Studies Minutes	

Criteria 2 Teaching-learning and Evaluation		

2.1 Student Enrolment and Profile	Enrolment percentage	

Year	2023-24	
	UG	PG
No of Seats sanctioned	120	18+18
Filled	119	6+3

Y

2.2 Catering to Student Diversity	2.2.1 The department assesses the learning levels of the students and organises special Programmes to cater to differential learning needs of the student	
	➤ Remedial Classes Schedule	
	➤ Class Committee Circulars and Minutes	
	➤ Mentor – Mentee Files	
	➤ Placement Courses offered for slow learners	Y
	➤ Regulation R2018 – Fast track System.	
	➤ NPTEL Courses Registration and certificates	
	➤ GATE/CAT Programs	

2021.1.2   **Student – Full time teacher ratio**

Year	2023-24
No of students	356
Number of full time teachers	16+8

➤ List showing the number of students in each of the programs

2.3 Teaching-Learning Process	2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experience and teachers use ICT- enabled tools including online resources for effective teaching and learning process	
	➤ Experiential learning – Sample Internship letter,	Y

	Naan Mudhalvan courses, Sample Industrial Project, if any Industrial Visit Reports	
	➤ Participative learning – Technical Seminar for M.E: Circular and other supporting documents Learning through various social activities and technical association events: Invitation, Schedule, Attendance sheet and Report with Photographs	Y
	➤ Problem solving methodologies – Sample Assignments, Tutorials, Mini Project, Project work Report	
	➤ SWAYAM/NPTEL Courses	
	2.3.2 The department adopts effective Mentor-Mentee Schemes to address academics and student psychological issues	
	➤ List of Active mentors	Y
	➤ Mentor allocation circulars	
	➤ Mentor Student Mapping	
	➤ Sample Counselling Forms	
	2.3.3 Preparation and adherence of Academic Calendar and Teaching plans by the department	Y
	➤ Academic Calendar	
	➤ Teaching Plan	
2.4 **Student Performance and Learning Outcomes**	**2.4.1 The department has stated learning outcomes (programme and course outcome)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents and the attainment of the same are evaluated by the department**	
	➤ Course File for each course ➤ Overall CO-PO & PSO Attainment with Action Taken Report	Y
	➤ Project Review Evaluation with Rubric	
	➤ Exit Survey sample forms	
	2.4.2 Pass percentage of students	
	➤ Departments: Result Analysis of all classes with chart	Y

Year	2023-24
Number of Students Pass	

	Criteria 3 Research, Innovations and Extension	
3.1 Promotion of Research and Facilities	**3.1.1 Amount of seed money provided by institution to its teachers for research.** 	
		Year	2023-24	 Y (Nil)
		Amount (INR in Lakhs)	Nil	
	➤ List of faculty who have been provided with seed money for research along with the title of the project, duration and amount year-wise ➤ Audited Income-Expenditure statement	
	3.1.2 Teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research	Y (NIL)
		Year	2023-24	
		Total number of teacher	Nil	
3.2 Resource Mobilization for Research	**3.2.1 Total Grants research funding received by the institution and its faculties through Government and non-government sources such as industry, corporate houses, international bodies for research project, endowment research chairs**	Y (NIL)
		Year	2023-24	
		Amount (INR in Lakhs)	Nil	
	➤ List of Extramural funding received for research, Endowment Research Chairs received	
	3.2.2 Number of research projects per teacher funded by government, non-government, industry, corporate houses, international bodies	Y (NIL)
		Year	2023-24	
		Number of research projects per teacher	Nil	
	3.2.3 Number of teachers recognised as research guides	NA Y
		Year	2023-24	
		Recognised as research guides		
3.3 Research Publications and Awards	**3.3.1 List of candidates registered for Ph.D per teacher**	Y
		Year	2023-24	
		Total Number of Candidate		
	3.3.2 List of research papers in the Journals notified on UGC CARE list	Y
		Year	2023-24	
		Total Number of Research paper		

	➤ Copies of Full paper (with author and affiliation details)	
	3.3.3 Total Number of books and chapters in edited volumes published	
		Nil
	➤ Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters	*Nil*
3.4 Consultancy	**Revenue generated from consultancy and corporate training**	*Nil*
3.5 Collaboration	**Number of functional MoUs/linkages with department/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research**	*4*
	➤ Copies of documents indicating the functional MoUs	
	➤ List of year wise activities with report	

Year	2023-24
Total Number of Books/Chapters	

Year	2023-24
Amount (INR in Lakhs)	

Year	2023-24
Total Number of MoUs	

	Criteria 4 Infrastructure and Learning Resources	
4.1 Physical Facilities	**Adequate infrastructure and other facilities**	
	➤ Details of Interactive Display & Smart Board	
	➤ Details of Classrooms, Laboratory and list of equipment including lab manual, Number of Computers available, list of software used for students 1. Classrooms with Interactive Boars – 2. Laboratory- 3. Computer – 4. Seminar Hall – 5. Conference Hall – 6. LCD Projectors -	*4*

	Criteria 5 Student Support and Progression	
5.1 Student Support	**5.1.1 Efforts taken by the department to provide career counselling including e-counselling and guidance for competitive examinations**	
	➤ Details of programmes like Career guidance programme, Placement Training ➤ Reports with Photograph	Y
	5.1.2 Capacity development and skills enhancement activities are organised for improving students' capability	
	<table><tr><td>Year</td><td>2023-24</td></tr><tr><td>Total Number of Program</td><td></td></tr></table> ➤ Report with Photographs on programmes conducted for awareness of trends	Y
5.2 Student Progression	**5.2.1 Number of outgoing students placed and progressed to higher education**	
	<table><tr><td>Year</td><td>2023-24</td></tr><tr><td>Total Number of Students Placed</td><td></td></tr><tr><td>Total Number of progressed to higher education</td><td></td></tr></table>	Y
	5.2.2 Number of students qualifying in state/ national/ international level examinations (eg: NET/SLET/Civil Services/State government examinations etc.)	
	<table><tr><td>Year</td><td>2023-24</td></tr><tr><td>Total Number of Students Qualified</td><td></td></tr></table>	Y
5.3 Student Participation and Activities	**Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the department.**	
	➤ Technical Symposium	Y
	➤ Class committee meeting	Y
	➤ BOS minutes	
	➤ BOG Sub committees circulars and Minutes (Student Representation)	Y
	Criteria 6 Governance, Leadership and Management	
6.1 Faculty Empowerment Strategies	**6.1.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies**	
	<table><tr><td>Year</td><td>2023-24</td></tr><tr><td>Total Number of Teacher</td><td></td></tr></table>	Y

	6.1.2 Number of Teachers who have undergone online/ face-to-face Faculty Development Programmes (FDP)/ Management Development Programs (MDP)		
	Year	2023-24	
	Total Number of Teacher		
	➢ List of Faculty attended FDP/MDP		

Overall Comments if any:

1. Index page required for all files.

2. 2018 Regulation book required.

3. Feedback linkage not available. for stack holders to BoS

4. 2.2 clarity of information needed.

5. Focus needed on Exit survey forms

6. No funding available improvement and focus is need.

7. overall file improvement needed.

[signature] 22/10/24

PRINCIPAL
GOVT. COLLEGE OF ENGG.
SALEM-636 011

INTERNAL QUALITY ASSURANCE CELL (IQAC)
Government College of Engineering, Salem – 636 011
(An Autonomous Institution, Affiliated to Anna University, Chennai)
Ph: 0427-2346102/57, E-mail: iqac@gcesalem.edu.in

EXTERNAL AUDIT REPORT 2023-2024

Part – 1: Preliminary Information

Name of the Department	:	CIVIL Engg
Address of the Institute	:	GCE, Salem.
Date and time of visit	:	22.10.24.
Members of the Audit Committee	:	
1. Dr. A. Kaviyarasu, IQAC Deputy Director Assistant Professor. (Sr.)/ Department of Aerospace Engineering Anna University, Chennai.	:	
2. Dr P. Saravanan, Associate Professor/Department of Aerospace Engineering Hindustan Institute of Technology and Science, Chennai 603103	:	
3. Dr. P. Suresh Professor & Head Department of Mechatronics Engineering Sona College of Tech, Salem	:	

Part – 2: Academics Information

Metric No	Description	Yes/ No
	Criteria 1 Curricular Aspects	
1.1 Curriculum Design and Development	**1.1.1 Curricula developed and implemented have relevance to the local, regional, national, and global developmental needs, which is reflected in the Programme outcomes (Pos) and Course Outcomes(Cos) of the Programmes**	
	➢ Vision & Mission	
	➢ Programmme Educational Objectives (PEO)	
	➢ Program Outcomes (PO) – UG & PG	Yes
	➢ Program Specific Outcomes (PSO) – UG & PG	
	➢ R2018 – Curriculum and Syllabus with CO – UG & PG	
	➢ R2022 – Curriculum and Syllabus with CO – UG & PG	

	➤ Process for designing vision, mission, PEO, Program curriculum, New regulation, Teaching Process	✓
	➤ Syllabi book for 2018 and 2022 Regulations	✓
	➤ Circular and Action taken report for Department level Committee, Program Advisory Committee and Board of Studies Minutes	*ATR is missing Also BoS file to be properly maintained.*
	1.1.2 The programmes focus on employability/ entrepreneurship/ skill development and their course syllabi are adequately revised to incorporate contemporary requirements	
	➤ R2018 & R2022 – Course categorization & Comparison charts	✓
1.2 Academic Flexibility	**1.2.1 New courses introduced out of the total number of courses**	
	➤ List of new courses with syllabi for R2018	
	➤ Minutes of Board of Studies meeting clearly specifying the syllabus approval of new courses (R2018)	✓
1.3 Curriculum Enrichment	**1.3.1 Integrating cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability and other value framework enshrined in Sustainable Development Goals and National Education Policy – 2020 into the Curriculum**	
	➤ List of courses for Human Values, Gender, and Professional Ethics with Syllabus	✓
	➤ List of courses for Environment and Sustainability with Syllabus	
	➤ List of faculty members attending the course "Universal human values"	
	1.3.2 Number of certificate/value added courses/Diploma Programmes offered by the department and online courses of MOOCs, SWAYAM/e-PG Pathshala/ NPTEL and other recognized platforms	*Need to Properly organise the document.*
	➤ List of students and the attendance sheet for the above mentioned programs	
	➤ Programme brochure/notice for Value added programs	
	➤ Evidence of course completion	
	1.3.3 Does the programme have components of field projects / research projects / internships	
	➤ Evaluated sample project report (5) – UG & PG	✓
	➤ Internship completion letter – UG & PG	

1.4 Feedback System	Structured feedback for curriculum and its transaction is regularly obtained from stakeholders like Students, Teachers, Employers, Alumni, Academic peers etc.,	*feedback Analysis Actional points Need to be addressed m PAC + BOS .*
	➢ Collections of feedback forms – Students, Faculty, Parent, Employer, Alumni, Exit Survey	
	➢ Feedback analysis report	
	➢ Action taken report on the feedback analysis	
	➢ Circular and Action taken report for Department level Committee, Program Advisory Committee and Board of Studies Minutes	
	Criteria 2 Teaching-learning and Evaluation	

2.1 Student Enrolment and Profile

Enrolment percentage

Year	2023-24	
	UG	PG
No of Seats sanctioned	408	36
Filled	408	27

2.2 Catering to Student Diversity	**2.2.1 The department assesses the learning levels of the students and organises special Programmes to cater to differential learning needs of the student**	
	➢ Remedial Classes Schedule	
	➢ Class Committee Circulars and Minutes	
	➢ Mentor – Mentee Files	*Need to Maintain m a organized way.*
	➢ Placement Courses offered for slow learners	
	➢ Regulation R2018 – Fast track System.	
	➢ NPTEL Courses Registration and certificates	
	➢ GATE/CAT Programs	

2021.1.2 **Student – Full time teacher ratio**

Year	2023-24
No of students	371
Number of full time teachers	11 + 8 = 19

➢ List showing the number of students in each of the programs

2.3 Teaching-Learning Process	**2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experience and teachers use ICT- enabled tools including online resources for effective teaching and learning process**	*No innovative practice of teaching found.*
	➢ Experiential learning – Sample Internship letter,	

	Naan Mudhalvan courses, Sample Industrial Project, if any Industrial Visit Reports	✓
	➤ Participative learning – Technical Seminar for M.E: Circular and other supporting documents Learning through various social activities and technical association events: Invitation, Schedule, Attendance sheet and Report with Photographs	*proper document required*
	➤ Problem solving methodologies – Sample Assignments, Tutorials, Mini Project, Project work Report	✓
	➤ SWAYAM/NPTEL Courses	✓
	2.3.2 The department adopts effective Mentor-Mentee Schemes to address academics and student psychological issues	
	➤ List of Active mentors	✓
	➤ Mentor allocation circulars	✓
	➤ Mentor Student Mapping	✓
	➤ Sample Counselling Forms	✓
	2.3.3 Preparation and adherence of Academic Calendar and Teaching plans by the department	
	➤ Academic Calendar	✓
	➤ Teaching Plan	✓
2.4 Student Performance and Learning Outcomes	**2.4.1 The department has stated learning outcomes (programme and course outcome)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents and the attainment of the same are evaluated by the department**	
	➤ Course File for each course ➤ Overall CO-PO & PSO Attainment with Action Taken Report	✓
	➤ Project Review Evaluation with Rubric	✓
	➤ Exit Survey sample forms	✓
	2.4.2 Pass percentage of students	
	➤ Departments: Result Analysis of all classes with chart	✓

Year	2023-24
Number of Students Pass	94.35%

	Criteria 3 Research, Innovations and Extension	
3.1 Promotion of Research and Facilities	**3.1.1 Amount of seed money provided by institution to its teachers for research.**	—
	<table><tr><td>Year</td><td>2023-24</td></tr><tr><td>Amount (INR in Lakhs)</td><td>Nil</td></tr></table>	
	➢ List of faculty who have been provided with seed money for research along with the title of the project, duration and amount year-wise ➢ Audited Income-Expenditure statement	
	3.1.2 Teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research	—
	<table><tr><td>Year</td><td>2023-24</td></tr><tr><td>Total number of teacher</td><td>NIL</td></tr></table>	
3.2 Resource Mobilization for Research	**3.2.1 Total Grants research funding received by the institution and its faculties through Government and non-government sources such as industry, corporate houses, international bodies for research project, endowment research chairs**	—
	<table><tr><td>Year</td><td>2023-24</td></tr><tr><td>Amount (INR in Lakhs)</td><td>NIL</td></tr></table>	
	➢ List of Extramural funding received for research, Endowment Research Chairs received	
	3.2.2 Number of research projects per teacher funded by government, non-government, industry, corporate houses, international bodies	—
	<table><tr><td>Year</td><td>2023-24</td></tr><tr><td>Number of research projects per teacher</td><td>NIL</td></tr></table>	
	3.2.3 Number of teachers recognised as research guides	2
	<table><tr><td>Year</td><td>2023-24</td></tr><tr><td>Recognised as research guides</td><td>2</td></tr></table>	
3.3 Research Publications and Awards	**3.3.1 List of candidates registered for Ph.D per teacher**	14
	<table><tr><td>Year</td><td>2023-24</td></tr><tr><td>Total Number of Candidate</td><td></td></tr></table>	
	3.3.2 List of research papers in the Journals notificd on UGC CARE list	
	<table><tr><td>Year</td><td>2023-24</td></tr><tr><td>Total Number of Research paper</td><td>8</td></tr></table>	

	➤ Copies of Full paper (with author and affiliation details)	
	3.3.3 Total Number of books and chapters in edited volumes published <table><tr><td>Year</td><td>2023-24</td></tr><tr><td>Total Number of Books/Chapters</td><td>NIL</td></tr></table>	—
	➤ Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters	
3.4 Consultancy	**Revenue generated from consultancy and corporate training** <table><tr><td>Year</td><td>2023-24</td></tr><tr><td>Amount (INR in Lakhs)</td><td>96,18,072</td></tr></table>	✓
3.5 Collaboration	**Number of functional MoUs/linkages with department/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research** <table><tr><td>Year</td><td>2023-24</td></tr><tr><td>Total Number of MoUs</td><td>1</td></tr></table>	
	➤ Copies of documents indicating the functional MoUs	/
	➤ List of year wise activities with report	/
Criteria 4 Infrastructure and Learning Resources		
4.1 Physical Facilities	**Adequate infrastructure and other facilities**	
	➤ Details of Interactive Display & Smart Board	/
	➤ Details of Classrooms, Laboratory and list of equipment including lab manual, Number of Computers available, list of software used for students 1. Classrooms with Interactive Boars – 2. Laboratory- 3. Computer – 4. Seminar Hall – 5. Conference Hall – 6. LCD Projectors -	/

	Criteria 5 Student Support and Progression	
5.1 Student Support	**5.1.1 Efforts taken by the department to provide career counselling including e-counselling and guidance for competitive examinations**	✓
	➢ Details of programmes like Career guidance programme, Placement Training ➢ Reports with Photograph	✓
	5.1.2 Capacity development and skills enhancement activities are organised for improving students' capability	✓
	Year — 2023-24 Total Number of Program — 1	
	➢ Report with Photographs on programmes conducted for awareness of trends	
5.2 Student Progression	**5.2.1 Number of outgoing students placed and progressed to higher education**	✓
	Year — 2023-24 Total Number of Students Placed — 42 Total Number of progressed to higher education — 9	
	5.2.2 Number of students qualifying in state/ national/ international level examinations (eg: NET/SLET/Civil Services/State government examinations etc.)	—
	Year — 2023-24 Total Number of Students Qualified — NIL	
5.3 Student Participation and Activities	**Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the department.**	
	➢ Technical Symposium	✓
	➢ Class committee meeting	✓
	➢ BOS minutes	✓
	➢ BOG Sub committees circulars and Minutes (Student Representation)	✓
	Criteria 6 Governance, Leadership and Management	
6.1 Faculty Empowerment Strategies	**6.1.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies**	✓
	Year — 2023-24 Total Number of Teacher — NIL	

	6.1.2 Number of Teachers who have undergone online/ face-to-face Faculty Development Programmes (FDP)/ Management Development Programs (MDP)		*AM*
	Year	2023-24	
	Total Number of Teacher	ob	
	➤ List of Faculty attended FDP/MDP		

Overall Comments if any:

- All event should have a proper documents in a organised way.

- Need to display
  - Research achivements
  - Faculty Achivents
  - Students Achivements
  - Elite Alumni

- During visit try to put as much information as possible to the visit members.

- Show only excuritive lab, R&D faculty.

22/10/24

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