



**GOVERNMENT COLLEGE OF ENGINEERING,  
SALEM-636011**

**INTERNAL QUALITY ASSURANCE CELL**

# **EXTERNAL AUDIT REPORT**

## **2021-22**

**Dr.C.Dhavamani**, Professor and Head,  
Department of Aeronautical Engineering  
Mahendra Engineering College, Namakkal

**Dr. P. Suresh**, Professor & Head  
Department of Mechatronics Engineering  
Sona College of Tech, Salem

**Member 1**

**Member 2**

**Date: 24.10.2022**

Date: 24.10.2022

From:

**Dr.C.Dhavamani**, Professor and Head/Aeronautical

Mahendra Engineering College

Namakkal, Tamil Nadu - 637503

**Dr.P.Suresh**, Professor/ Mechatronics

Sona College of Technology, Salem.

To:

The Principal

Government College of Engineering

Salem.

Respected Sir,

Sub: External Audit Committee – GCE, Salem – Submission of Audit Report – reg

Ref: GCE Salem/IQAC/2021-2022 /External Audit dated 30.09.2022.

With reference to the letter cited above, the external audit was carried out on 24.10.2022 to evaluate the academic performance and governance of your esteemed institution for the academic year 2021-2022. The report of the same is enclosed for your kind reference.

Thanking you

1. *D. Dhavamani*  
24.10.22

2. *P. Suresh*  
24/10/22

Yours faithfully,

**The report of the External Audit conducted on 24.10.2022 for the academic year 2021-2022 at GCE Salem-11**

**1. List of Documents produced by the department for audit**

Attached in Annexure-1.

**2. General Observations**

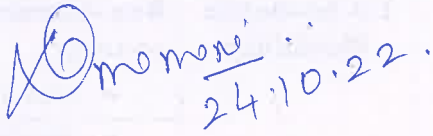

- State- of the art equipment is available in most of the laboratories across all programs.
- Academic internal audit and external audit has been conducted regularly by IQAC.
- Faculty members are encouraged to conduct national/ international conferences periodically.
- Course files as per the format is available only in ECE department. Therefore, it recommended for other departments to do the same.
- MoUs with other industries are available in Civil, CSE and ECE departments. Other departments are informed to take steps to have MoUs with industries.



**EXTERNAL AUDIT REPORT 2021-22**

24.10.2022

**Part – 1: Preliminary Information**

<b>Name of the Department</b>	:	Mechanical Engineering
<b>Address of the Institute</b>	:	GCE, Salem
<b>Date and time of visit</b>	:	24.10.2022
<b>Members of the Audit Committee</b>		<b>Signature</b>
1. Dr.C.Dhavamani, Professor and Head, Department of Aeronautical Engineering Mahendra Engineering College, Namakkal, Tamil Nadu- 637503.	:	 24.10.22.
2. Dr. P. Suresh Professor & Head Department of Mechatronics Engineering Sona College of Tech, Salem	:	

**Part – 2: Academics Information**

Metric No	Description	Yes/ No
	<b>Criteria 1 Curricular Aspects</b>	
<b>1.1 Curriculum Design and Development</b>	<b>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</b>	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	



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	<ul style="list-style-type: none"> <li>➤ Syllabi book for 2018 and 2022 Regulations</li> <li>➤ Circular and Action taken report for Department level Committee, Program Advisory Committee and Board of Studies Minutes</li> </ul>	
	<p><b>1.1.2 The programmes focus on employability/ entrepreneurship/ skill development and their course syllabi are adequately revised to incorporate contemporary requirements</b></p> <ul style="list-style-type: none"> <li>➤ R2018 &amp; R2022 – Course categorization &amp; Comparison charts</li> </ul>	Yes
<b>1.2 Academic Flexibility</b>	<p><b>New courses introduced out of the total number of courses</b></p> <ul style="list-style-type: none"> <li>➤ List of new courses with syllabi for R2018</li> <li>➤ Minutes of Board of Studies meeting clearly specifying the syllabus approval of new courses (R2018)</li> </ul>	Yes
<b>1.3 Curriculum Enrichment</b>	<p><b>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</b></p> <ul style="list-style-type: none"> <li>➤ List of courses for Human Values, Gender, and Professional Ethics with Syllabus</li> <li>➤ List of courses for Environment and Sustainability with Syllabus</li> <li>➤ List of faculty members attending the course “Universal human values”</li> </ul>	Yes
	<p><b>1.3.2 Number of certificate/value added courses/Diploma Programmes offered by the institutions and online courses of MOOCs, SWAYAM/e-PG Pathshala/ NPTEL and other recognized platforms</b></p> <ul style="list-style-type: none"> <li>➤ List of students and the attendance sheet for the above mentioned programs</li> <li>➤ Programme brochure/notice for Value added programs</li> <li>➤ Evidence of course completion</li> </ul>	Yes
	<p><b>1.3.3 Does the programme have components of field projects / research projects / internships</b></p> <ul style="list-style-type: none"> <li>➤ Evaluated sample project report (5) – UG &amp; PG</li> <li>➤ Internship completion letter – UG &amp; PG</li> </ul>	Yes



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<b>1.4 Feedback System</b>	<b>Structured feedback for curriculum and its transaction is regularly obtained from stakeholders like Students, Teachers, Employers, Alumni, Academic peers etc.,</b>	Yes												
	➤ 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													
<b>Criteria 2 Teaching-learning and Evaluation</b>														
<b>2.1 Student Enrolment and Profile</b>	<b>Enrolment percentage</b>	Yes												
	<table border="1"> <thead> <tr> <th>Year</th> <th colspan="2">2021-22</th> </tr> <tr> <td></td> <th>UG</th> <th>PG</th> </tr> </thead> <tbody> <tr> <td>No of Seats sanctioned</td> <td align="center"><b>120</b></td> <td align="center"><b>36</b></td> </tr> <tr> <td>Filled</td> <td align="center"><b>102</b></td> <td align="center"><b>6</b></td> </tr> </tbody> </table>		Year	2021-22			UG	PG	No of Seats sanctioned	<b>120</b>	<b>36</b>	Filled	<b>102</b>	<b>6</b>
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			UG	PG										
	No of Seats sanctioned		<b>120</b>	<b>36</b>										
Filled	<b>102</b>	<b>6</b>												
<b>2.2 Catering to Student Diversity</b>	<b>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</b>	Yes												
	➤ Remedial Classes Schedule													
	➤ Class Committee Circulars and Minutes													
	➤ Mentor – Mentee Files													
	➤ Placement Courses offered for slow learners													
	➤ Regulation R2018 - Fast track System.													
	➤ NPTEL Courses Registration and certificates													
	➤ GATE/CAT Programs													
	<b>2.2.2 Student - Full time teacher ratio</b>	Yes												
	<table border="1"> <thead> <tr> <th>Year</th> <th>2021-22</th> </tr> </thead> <tbody> <tr> <td>No of students</td> <td align="center"><b>389</b></td> </tr> <tr> <td>Number of full time teachers</td> <td align="center"><b>22</b></td> </tr> </tbody> </table>		Year	2021-22	No of students	<b>389</b>	Number of full time teachers	<b>22</b>						
	Year		2021-22											
	No of students		<b>389</b>											
Number of full time teachers	<b>22</b>													
➤ List showing the number of students in each of the programs														
<b>2.3 Teaching-Learning Process</b>	<b>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</b>	Yes												



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	<p><b>including online resources for effective teaching and learning process</b></p> <ul style="list-style-type: none"> <li>➤ Experiential learning – Sample Internship letter, Naan Mudhalvan courses, Sample Industrial Project, if any Industrial Visit Reports</li> <li>➤ 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</li> <li>➤ Problem solving methodologies – Sample Assignments, Tutorials, Mini Project, Project work Report</li> <li>➤ SWAYAM/NPTEL Courses</li> </ul>	
	<p><b>2.3.2 The department adopts effective Mentor-Mentee Schemes to address academics and student psychological issues</b></p> <ul style="list-style-type: none"> <li>➤ List of Active mentors</li> <li>➤ Mentor allocation circulars</li> <li>➤ Mentor Student Mapping</li> <li>➤ Sample Counselling Forms</li> </ul>	Yes
	<p><b>2.3.3 Preparation and adherence of Academic Calendar and Teaching plans by the institution</b></p> <ul style="list-style-type: none"> <li>➤ Academic Calendar</li> <li>➤ Teaching Plan</li> </ul>	Yes
<b>2.4 Student Performance and Learning Outcomes</b>	<p><b>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 institution</b></p> <ul style="list-style-type: none"> <li>➤ Course File for each course</li> <li>➤ Overall CO-PO &amp; PSO Attainment with Action Taken Report</li> <li>➤ Project Review Evaluation with Rubric</li> <li>➤ Exit Survey sample forms</li> </ul>	Yes
	<p><b>2.4.2 Pass percentage of students</b></p>	Yes



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	<p>➤ Departments: Result Analysis of all classes with chart</p> <table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Number of Students Pass</td> <td>125</td> </tr> </table>	Year	2021-22	Number of Students Pass	125	
Year	2021-22					
Number of Students Pass	125					
<b>Criteria 3 Research, Innovations and Extension</b>						
<b>3.1 Promotion of Research and Facilities</b>	<p><b>3.1.1 Amount of seed money provided by institution to its teachers for research.</b></p> <table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Amount (INR in Lakhs)</td> <td>-</td> </tr> </table> <p>➤ 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</p>	Year	2021-22	Amount (INR in Lakhs)	-	No
	Year	2021-22				
Amount (INR in Lakhs)	-					
<p><b>3.1.2 Teachers receiving national/international fellowship/financial support by various agencies for advanced studies/ research</b></p> <table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Total number of teacher</td> <td>-</td> </tr> </table>	Year	2021-22	Total number of teacher	-	No	
Year	2021-22					
Total number of teacher	-					
<b>3.2 Resource Mobilization for Research</b>	<p><b>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</b></p> <table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Amount (INR in Lakhs)</td> <td>-</td> </tr> </table> <p>➤ List of Extramural funding received for research,          Endowment Research Chairs received</p>	Year	2021-22	Amount (INR in Lakhs)	-	No
	Year	2021-22				
	Amount (INR in Lakhs)	-				
<p><b>3.2.2 Number of research projects per teacher funded by government, non-government, industry, corporate houses, international bodies</b></p> <table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Number of research projects per teacher</td> <td>-</td> </tr> </table>	Year	2021-22	Number of research projects per teacher	-	No	
Year	2021-22					
Number of research projects per teacher	-					
<p><b>3.2.3 Number of teachers recognised as research guides</b></p> <table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Recognised as research guides</td> <td>6</td> </tr> </table>	Year	2021-22	Recognised as research guides	6	Yes	
Year	2021-22					
Recognised as research guides	6					





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<b>3.3 Research Publications and Awards</b>	<b>3.3.1 List of candidates registered for Ph.D per teacher</b>	Yes
	Year	2021-22
	Total Number of Candidate	15
	<b>3.3.2 List of research papers in the Journals notified on UGC CARE list</b>	Yes
	Year	2021-22
	Total Number of Research paper	18
	➤ Copies of Full paper (with author and affiliation details)	
	<b>3.3.3 Total Number of books and chapters in edited volumes published</b>	No
	Year	2021-22
	Total Number of Books/Chapters	-
	➤ Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters	
<b>3.4 Consultancy</b>	<b>Revenue generated from consultancy and corporate training</b>	No
	Year	2021-22
	Amount (INR in Lakhs)	-
<b>3.5 Collaboration</b>	<b>Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research</b>	No
	Year	2021-22
	Total Number of MoUs	-
	➤ Copies of documents indicating the functional MoUs	
	➤ List of year wise activities with report	
<b>Criteria 4 Infrastructure and Learning Resources</b>		
<b>4.1 Physical Facilities</b>	<b>Adequate infrastructure and other facilities</b>	
	➤ Details of Interactive Display & Smart Board	
	➤ Details of Classrooms, Laboratory and list of equipment including lab manual, Number of	Yes



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	Computers available, list of software used for students 1. Classrooms – 8 2. Laboratory-10 3. Computer - 65							
<b>Criteria 5 Student Support and Progression</b>								
<b>5.1 Student Support</b>	<b>5.1.1 Efforts taken by the institution to provide career counselling including e-counselling and guidance for competitive examinations</b>	Yes						
	<ul style="list-style-type: none"> <li>➤ Details of programmes like Career guidance programme, Placement Training</li> <li>➤ Reports with Photograph</li> </ul>							
	<b>5.1.2 Capacity development and skills enhancement activities are organised for improving students' capability</b>	No						
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Year</td> <td style="text-align: center;">2021-22</td> </tr> <tr> <td style="text-align: center;">Total Number of Program</td> <td style="text-align: center;">-</td> </tr> </table>	Year		2021-22	Total Number of Program	-			
Year	2021-22							
Total Number of Program	-							
<ul style="list-style-type: none"> <li>➤ Report with Photographs on programmes conducted for awareness of trends</li> </ul>								
<b>5.2 Student Progression</b>	<b>5.2.1 Number of outgoing students placed and progressed to higher education</b>	Yes						
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Year</td> <td style="text-align: center;">2021-22</td> </tr> <tr> <td style="text-align: center;">Total Number of Students Placed</td> <td style="text-align: center;">15</td> </tr> <tr> <td style="text-align: center;">Total Number of progressed to higher education</td> <td style="text-align: center;">4</td> </tr> </table>		Year	2021-22	Total Number of Students Placed	15	Total Number of progressed to higher education	4
	Year		2021-22					
	Total Number of Students Placed	15						
Total Number of progressed to higher education	4							
<b>5.2.2 Number of students qualifying in state/national/ international level examinations (eg: NET/SLET/Civil Services/State government examinations etc.)</b>	No							
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Year</td> <td style="text-align: center;">2021-22</td> </tr> <tr> <td style="text-align: center;">Total Number of Students Qualified</td> <td style="text-align: center;">-</td> </tr> </table>		Year	2021-22	Total Number of Students Qualified	-			
Year	2021-22							
Total Number of Students Qualified	-							
<b>5.3 Student Participation and Activities</b>	<b>Presence of an active Student Council &amp; representation of students on academic &amp; administrative bodies/committees of the institution.</b>	Yes						
	<ul style="list-style-type: none"> <li>➤ Technical Symposium</li> </ul>	Yes						
	<ul style="list-style-type: none"> <li>➤ Class committee meeting</li> </ul>	Yes						
	<ul style="list-style-type: none"> <li>➤ BOS minutes</li> </ul>	Yes						
	<ul style="list-style-type: none"> <li>➤ ROG Sub committees circulars and Minutes (Student Representation)</li> </ul>	Yes						



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Criteria 6 Governance, Leadership and Management		
6.1 Faculty Empowerment Strategies	<b>6.1.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies</b>	No
	Year	2021-22
	Total Number of Teacher	-
	<b>6.1.2 Number of Teachers who have undergone online/ face-to-face Faculty Development Programmes (FDP)/ Management Development Programs (MDP)</b>	Yes
	Year	2021-22
	Total Number of Teacher	10
	➤ List of Faculty attended FDP/MDP	

**Overall Comments if any:**

- Department has well-defined curriculum framework.
- Course content can also be included when remedial class is scheduled
- Faculties are encouraged to take steps for research funding
- An initiative for generating revenue through consultancy is needed
- Steps may be taken to get MOUs with industries.



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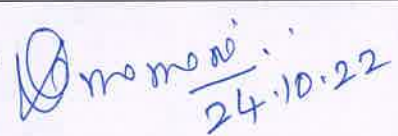

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**EXTERNAL AUDIT REPORT 2021-22**

24.10.2022

**Part – 1: Preliminary Information**

<b>Name of the Department</b>	:	Electrical and Electronics Engineering
<b>Address of the Institute</b>	:	GCE, Salem
<b>Date and time of visit</b>	:	24.10.2022
<b>Members of the Audit Committee</b>	:	<b>Signature</b>
1. Dr.C.Dhavamani, Professor and Head, Department of Aeronautical Engineering Mahendra Engineering College, Namakkal, Tamil Nadu- 637503.	:	 24.10.22
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	➤ Vision & Mission	
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	<ul style="list-style-type: none"> <li>➤ Feedback analysis report</li> <li>➤ Action taken report on the feedback analysis</li> <li>➤ Circular and Action taken report for Department level Committee, Program Advisory Committee and Board of Studies Minutes</li> </ul>												
	<b>Criteria 2 Teaching-learning and Evaluation</b>												
<b>2.1 Student Enrolment and Profile</b>	<p><b>Enrolment percentage</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Year</th> <th colspan="2">2021-22</th> </tr> <tr> <th>UG</th> <th>PG</th> </tr> </thead> <tbody> <tr> <td>No of Seats sanctioned</td> <td align="center"><b>60</b></td> <td align="center"><b>18</b></td> </tr> <tr> <td>Filled</td> <td align="center"><b>53</b></td> <td align="center"><b>5</b></td> </tr> </tbody> </table>	Year	2021-22		UG	PG	No of Seats sanctioned	<b>60</b>	<b>18</b>	Filled	<b>53</b>	<b>5</b>	Yes
Year	2021-22												
	UG	PG											
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Filled	<b>53</b>	<b>5</b>											
<b>2.2 Catering to Student Diversity</b>	<p><b>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</b></p> <ul style="list-style-type: none"> <li>➤ Remedial Classes Schedule</li> <li>➤ Class Committee Circulars and Minutes</li> <li>➤ Mentor - Mentee Files</li> <li>➤ Placement Courses offered for slow learners</li> <li>➤ Regulation R2018 - Fast track System.</li> <li>➤ NPTEL Courses Registration and certificates</li> <li>➤ GATE/CAT Programs</li> </ul> <p><b>2.2.2 Student - Full time teacher ratio</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Year</th> <th>2021-22</th> </tr> </thead> <tbody> <tr> <td>No of students</td> <td align="center"><b>211</b></td> </tr> <tr> <td>Number of full time teachers</td> <td align="center"><b>12</b></td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>➤ List showing the number of students in each of the programs</li> </ul>	Year	2021-22	No of students	<b>211</b>	Number of full time teachers	<b>12</b>	Yes					
Year	2021-22												
No of students	<b>211</b>												
Number of full time teachers	<b>12</b>												
<b>2.3 Teaching-Learning Process</b>	<p><b>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</b></p> <ul style="list-style-type: none"> <li>➤ Experiential learning – Sample Internship letter, Naan Mudhalvan courses, Sample Industrial Project, if any Industrial Visit Reports</li> <li>➤ Participative learning –</li> </ul>	Yes											



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	<p>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</p>					
	<ul style="list-style-type: none"> <li>➤ Problem solving methodologies – Sample Assignments, Tutorials, Mini Project, Project work Report</li> </ul>					
	<ul style="list-style-type: none"> <li>➤ SWAYAM/NPTEL Courses</li> </ul>					
	<p><b>2.3.2 The department adopts effective Mentor-Mentee Schemes to address academics and student psychological issues</b></p>					
	<ul style="list-style-type: none"> <li>➤ List of Active mentors</li> </ul>	Yes				
	<ul style="list-style-type: none"> <li>➤ Mentor allocation circulars</li> </ul>					
	<ul style="list-style-type: none"> <li>➤ Mentor Student Mapping</li> </ul>					
	<ul style="list-style-type: none"> <li>➤ Sample Counselling Forms</li> </ul>					
	<p><b>2.3.3 Preparation and adherence of Academic Calendar and Teaching plans by the institution</b></p>					
	<ul style="list-style-type: none"> <li>➤ Academic Calendar</li> </ul>	Yes				
	<ul style="list-style-type: none"> <li>➤ Teaching Plan</li> </ul>					
<b>2.4 Student Performance and Learning Outcomes</b>	<p><b>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 institution</b></p>	Yes				
	<ul style="list-style-type: none"> <li>➤ Course File for each course</li> </ul>					
	<ul style="list-style-type: none"> <li>➤ Overall CO-PO &amp; PSO Attainment with Action Taken Report</li> </ul>					
	<ul style="list-style-type: none"> <li>➤ Project Review Evaluation with Rubric</li> </ul>					
	<ul style="list-style-type: none"> <li>➤ Exit Survey sample forms</li> </ul>					
	<p><b>2.4.2 Pass percentage of students</b></p>					
	<ul style="list-style-type: none"> <li>➤ Departments: Result Analysis of all classes with chart</li> </ul> <table border="1" style="margin-left: auto; margin-right: auto;"> <tbody> <tr> <td align="center">Year</td> <td align="center">2021-22</td> </tr> <tr> <td align="center">Number of Students Pass</td> <td align="center">73</td> </tr> </tbody> </table>	Year	2021-22	Number of Students Pass	73	Yes
Year	2021-22					
Number of Students Pass	73					
<b>Criteria 3 Research, Innovations and Extension</b>						



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3.1 Promotion of Research and Facilities	<b>3.1.1 Amount of seed money provided by institution to its teachers for research.</b> <table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Amount (INR in Lakhs)</td> <td>-</td> </tr> </table> <ul style="list-style-type: none"> <li>➤ List of faculty who have been provided with seed money for research along with the title of the project, duration and amount year-wise</li> <li>➤ Audited Income-Expenditure statement</li> </ul>	Year	2021-22	Amount (INR in Lakhs)	-	No
	Year	2021-22				
Amount (INR in Lakhs)	-					
<b>3.1.2 Teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research</b> <table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Total number of teacher</td> <td>-</td> </tr> </table>	Year	2021-22	Total number of teacher	-	No	
Year	2021-22					
Total number of teacher	-					
3.2 Resource Mobilization for Research	<b>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</b> <table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Amount (INR in Lakhs)</td> <td>-</td> </tr> </table> <ul style="list-style-type: none"> <li>➤ List of Extramural funding received for research, Endowment Research Chairs received</li> </ul>	Year	2021-22	Amount (INR in Lakhs)	-	No
	Year	2021-22				
	Amount (INR in Lakhs)	-				
<b>3.2.2 Number of research projects per teacher funded by government, non-government, industry, corporate houses, international bodies</b> <table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Number of research projects per teacher</td> <td>-</td> </tr> </table>	Year	2021-22	Number of research projects per teacher	-	No	
Year	2021-22					
Number of research projects per teacher	-					
<b>3.2.3 Number of teachers recognised as research guides</b> <table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Recognised as research guides</td> <td>7</td> </tr> </table>	Year	2021-22	Recognised as research guides	7	Yes	
Year	2021-22					
Recognised as research guides	7					
3.3 Research Publications and Awards	<b>3.3.1 List of candidates registered for Ph.D per teacher</b> <table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Total Number of Candidate</td> <td>27</td> </tr> </table>	Year	2021-22	Total Number of Candidate	27	Yes
	Year	2021-22				
Total Number of Candidate	27					
<b>3.3.2 List of research papers in the Journals notified on UGC CARE list</b> <table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Total Number of Research paper</td> <td>25</td> </tr> </table>	Year	2021-22	Total Number of Research paper	25	Yes	
Year	2021-22					
Total Number of Research paper	25					





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	<ul style="list-style-type: none"> <li>➤ Copies of Full paper (with author and affiliation details)</li> </ul>					
	<p><b>3.3.3 Total Number of books and chapters in edited volumes published</b></p> <table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Total Number of Books/Chapters</td> <td>-</td> </tr> </table>	Year	2021-22	Total Number of Books/Chapters	-	No
Year	2021-22					
Total Number of Books/Chapters	-					
	<ul style="list-style-type: none"> <li>➤ Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters</li> </ul>					
<b>3.4 Consultancy</b>	<p><b>Revenue generated from consultancy and corporate training</b></p> <table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Amount (INR in Lakhs)</td> <td>-</td> </tr> </table>	Year	2021-22	Amount (INR in Lakhs)	-	No
Year	2021-22					
Amount (INR in Lakhs)	-					
<b>3.5 Collaboration</b>	<p><b>Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research</b></p> <table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Total Number of MoUs</td> <td>-</td> </tr> </table>	Year	2021-22	Total Number of MoUs	-	No
Year	2021-22					
Total Number of MoUs	-					
	<ul style="list-style-type: none"> <li>➤ Copies of documents indicating the functional MoUs</li> </ul>					
	<ul style="list-style-type: none"> <li>➤ List of year wise activities with report</li> </ul>					
<b>Criteria 4 Infrastructure and Learning Resources</b>						
<b>4.1 Physical Facilities</b>	<p><b>Adequate infrastructure and other facilities</b></p> <ul style="list-style-type: none"> <li>➤ Details of Interactive Display &amp; Smart Board</li> <li>➤ Details of Classrooms, Laboratory and list of equipment including lab manual, Number of Computers available, list of software used for students           <ol style="list-style-type: none"> <li>1. Classrooms – 7</li> <li>2. Laboratory-17</li> <li>3. Computer - 40</li> </ol> </li> </ul>	Yes				
<b>Criteria 5 Student Support and Progression</b>						
<b>5.1 Student Support</b>	<p><b>5.1.1 Efforts taken by the institution to provide career counselling including e-counselling and guidance for competitive examinations</b></p> <ul style="list-style-type: none"> <li>➤ Details of programmes like Career guidance programme, Placement Training</li> </ul>	Yes				



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	<p>➤ Reports with Photograph</p> <p><b>5.1.2 Capacity development and skills enhancement activities are organised for improving students' capability</b></p> <table border="1" style="width: 100%;"> <tr> <td style="text-align: center;">Year</td> <td style="text-align: center;">2021-22</td> </tr> <tr> <td style="text-align: center;">Total Number of Program</td> <td style="text-align: center;">-</td> </tr> </table>	Year	2021-22	Total Number of Program	-	No		
Year	2021-22							
Total Number of Program	-							
	<p>➤ Report with Photographs on programmes conducted for awareness of trends</p>							
<b>5.2 Student Progression</b>	<p><b>5.2.1 Number of outgoing students placed and progressed to higher education</b></p> <table border="1" style="width: 100%;"> <tr> <td style="text-align: center;">Year</td> <td style="text-align: center;">2021-22</td> </tr> <tr> <td style="text-align: center;">Total Number of Students Placed</td> <td style="text-align: center;">45</td> </tr> <tr> <td style="text-align: center;">Total Number of progressed to higher education</td> <td style="text-align: center;">-</td> </tr> </table>	Year	2021-22	Total Number of Students Placed	45	Total Number of progressed to higher education	-	Yes
	Year	2021-22						
Total Number of Students Placed	45							
Total Number of progressed to higher education	-							
	<p><b>5.2.2 Number of students qualifying in state/national/ international level examinations (eg: NET/SLET/Civil Services/State government examinations etc.)</b></p> <table border="1" style="width: 100%;"> <tr> <td style="text-align: center;">Year</td> <td style="text-align: center;">2021-22</td> </tr> <tr> <td style="text-align: center;">Total Number of Students Qualified</td> <td style="text-align: center;">1</td> </tr> </table>	Year	2021-22	Total Number of Students Qualified	1	Yes		
Year	2021-22							
Total Number of Students Qualified	1							
<b>5.3 Student Participation and Activities</b>	<p><b>Presence of an active Student Council &amp; representation of students on academic &amp; administrative bodies/committees of the institution.</b></p>	Yes						
	<p>➤ Technical Symposium</p>	Yes						
	<p>➤ Class committee meeting</p>	Yes						
	<p>➤ BOS minutes</p>	Yes						
	<p>➤ BOG Sub committees circulars and Minutes (Student Representation)</p>	Yes						
<b>Criteria 6 Governance, Leadership and Management</b>								
<b>6.1 Faculty Empowerment Strategies</b>	<p><b>6.1.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies</b></p> <table border="1" style="width: 100%;"> <tr> <td style="text-align: center;">Year</td> <td style="text-align: center;">2021-22</td> </tr> <tr> <td style="text-align: center;">Total Number of Teacher</td> <td style="text-align: center;">-</td> </tr> </table>	Year	2021-22	Total Number of Teacher	-	No		
	Year	2021-22						
Total Number of Teacher	-							



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	<b>6.1.2 Number of Teachers who have undergone online/ face-to-face Faculty Development Programmes (FDP)/ Management Development Programs (MDP)</b>	Yes	
	Year		2021-22
	Total Number of Teacher		4
	➤ List of Faculty attended FDP/MDP		

**Overall Comments if any:**

1. It is recommended to take steps for generating revenue through consultancy works.
2. Steps may be taken to get MOUs with industries.
3. Extra classes may be conducted help students for higher studies.



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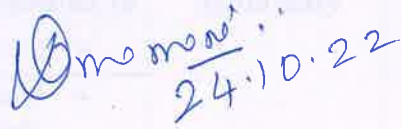

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**EXTERNAL AUDIT REPORT 2021-22**

24.10.2022

**Part - 1: Preliminary Information**

<b>Name of the Department</b>	:	Electronics and Communication Engineering
<b>Address of the Institute</b>	:	GCE, Salem
<b>Date and time of visit</b>	:	24.10.2022
<b>Members of the Audit Committee</b>		<b>Signature</b>
1. Dr.C.Dhavamani, Professor and Head, Department of Aeronautical Engineering Mahendra Engineering College, Namakkal, Tamil Nadu- 637503.	:	 24.10.22
2. Dr. P. Suresh Professor & Head Department of Mechatronics Engineering Sona College of Tech, Salem	:	 24/10

**Part - 2: Academics Information**

Metric No	Description	Yes/No
	<b>Criteria 1 Curricular Aspects</b>	
<b>1.1 Curriculum Design and Development</b>	<b>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</b>	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	



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	<ul style="list-style-type: none"> <li>➤ Syllabi book for 2018 and 2022 Regulations</li> <li>➤ Circular and Action taken report for Department level Committee, Program Advisory Committee and Board of Studies Minutes</li> </ul>	
	<p><b>1.1.2 The programmes focus on employability/ entrepreneurship/ skill development and their course syllabi are adequately revised to incorporate contemporary requirements</b></p> <ul style="list-style-type: none"> <li>➤ R2018 &amp; R2022 – Course categorization &amp; Comparison charts</li> </ul>	Yes
1.2 Academic Flexibility	<p><b>1.2.1 New courses introduced out of the total number of courses</b></p> <ul style="list-style-type: none"> <li>➤ List of new courses with syllabi for R2018</li> <li>➤ Minutes of Board of Studies meeting clearly specifying the syllabus approval of new courses (R2018)</li> </ul>	Yes
	<p><b>1.3 Curriculum Enrichment</b></p> <p><b>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</b></p> <ul style="list-style-type: none"> <li>➤ List of courses for Human Values, Gender, and Professional Ethics with Syllabus</li> <li>➤ List of courses for Environment and Sustainability with Syllabus</li> <li>➤ List of faculty members attending the course “Universal human values”</li> </ul>	Yes
	<p><b>1.3.2 Number of certificate/value added courses/Diploma Programmes offered by the institutions and online courses of MOOCs, SWAYAM/e-PG Pathshala/ NPTEL and other recognized platforms</b></p> <ul style="list-style-type: none"> <li>➤ List of students and the attendance sheet for the above mentioned programs</li> <li>➤ Programme brochure/notice for Value added programs</li> <li>➤ Evidence of course completion</li> </ul>	Yes
	<p><b>1.3.3 Does the programme have components of field projects / research projects / internships</b></p> <ul style="list-style-type: none"> <li>➤ Evaluated sample project report (5) – UG &amp; PG</li> <li>➤ Internship completion letter – UG &amp; PG</li> </ul>	Yes



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<p><b>1.4 Feedback System</b></p>	<p><b>Structured feedback for curriculum and its transaction is regularly obtained from stakeholders like Students, Teachers, Employers, Alumni, Academic peers etc.,</b></p> <ul style="list-style-type: none"> <li>➤ Collections of feedback forms – Students, Faculty, Parent, Employer, Alumni, Exit Survey</li> <li>➤ Feedback analysis report</li> <li>➤ Action taken report on the feedback analysis</li> <li>➤ Circular and Action taken report for Department level Committee, Program Advisory Committee and Board of Studies Minutes</li> </ul>	<p align="center">Yes</p>												
<b>Criteria 2 Teaching-learning and Evaluation</b>														
<p><b>2.1 Student Enrolment and Profile</b></p>	<p><b>Enrolment percentage</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">Year</th> <th colspan="2" style="width: 40%;">2021-22</th> </tr> <tr> <td></td> <th style="width: 20%;">UG</th> <th style="width: 20%;">PG</th> </tr> </thead> <tbody> <tr> <td>No of Seats sanctioned</td> <td align="center"><b>60</b></td> <td align="center"><b>18</b></td> </tr> <tr> <td>Filled</td> <td align="center"><b>51</b></td> <td align="center"><b>1</b></td> </tr> </tbody> </table>	Year	2021-22			UG	PG	No of Seats sanctioned	<b>60</b>	<b>18</b>	Filled	<b>51</b>	<b>1</b>	
Year	2021-22													
	UG	PG												
No of Seats sanctioned	<b>60</b>	<b>18</b>												
Filled	<b>51</b>	<b>1</b>												
<p><b>2.2 Catering to Student Diversity</b></p>	<p><b>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</b></p> <ul style="list-style-type: none"> <li>➤ Remedial Classes Schedule</li> <li>➤ Class Committee Circulars and Minutes</li> <li>➤ Mentor – Mentee Files</li> <li>➤ Placement Courses offered for slow learners</li> <li>➤ Regulation R2018 - Fast track System.</li> <li>➤ NPTEL Courses Registration and certificates</li> <li>➤ GATE/CAT Programs</li> </ul> <p><b>2.2.2 Student - Full time teacher ratio</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">Year</th> <th style="width: 40%;">2021-22</th> </tr> </thead> <tbody> <tr> <td>No of students</td> <td align="center"><b>191</b></td> </tr> <tr> <td>Number of full time teachers</td> <td align="center"><b>11</b></td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>➤ List showing the number of students in each of the programs</li> </ul>	Year	2021-22	No of students	<b>191</b>	Number of full time teachers	<b>11</b>	<p align="center">Yes</p>						
Year	2021-22													
No of students	<b>191</b>													
Number of full time teachers	<b>11</b>													
<p><b>2.3 Teaching-Learning Process</b></p>	<p><b>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</b></p>	<p align="center">Yes</p>												



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	<ul style="list-style-type: none"> <li>➤ Experiential learning – Sample Internship letter, Naan Mudhalvan courses, Sample Industrial Project, if any Industrial Visit Reports</li> </ul>	
	<ul style="list-style-type: none"> <li>➤ 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</li> </ul>	
	<ul style="list-style-type: none"> <li>➤ Problem solving methodologies – Sample Assignments, Tutorials, Mini Project, Project work Report</li> </ul>	
	<ul style="list-style-type: none"> <li>➤ SWAYAM/NPTEL Courses</li> </ul>	
	<b>2.3.2 The department adopts effective Mentor-Mentee Schemes to address academics and student psychological issues</b>	
	<ul style="list-style-type: none"> <li>➤ List of Active mentors</li> </ul>	Yes
	<ul style="list-style-type: none"> <li>➤ Mentor allocation circulars</li> </ul>	
	<ul style="list-style-type: none"> <li>➤ Mentor Student Mapping</li> </ul>	
	<ul style="list-style-type: none"> <li>➤ Sample Counselling Forms</li> </ul>	
	<b>2.3.3 Preparation and adherence of Academic Calendar and Teaching plans by the institution</b>	
	<ul style="list-style-type: none"> <li>➤ Academic Calendar</li> </ul>	Yes
	<ul style="list-style-type: none"> <li>➤ Teaching Plan</li> </ul>	
<b>2.4 Student Performance and Learning Outcomes</b>	<b>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 institution</b>	
	<ul style="list-style-type: none"> <li>➤ Course File for each course</li> <li>➤ Overall CO-PO &amp; PSO Attainment with Action Taken Report</li> </ul>	Yes
	<ul style="list-style-type: none"> <li>➤ Project Review Evaluation with Rubric</li> </ul>	
	<ul style="list-style-type: none"> <li>➤ Exit Survey sample forms</li> </ul>	
	<b>2.4.2 Pass percentage of students</b>	Yes



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	<ul style="list-style-type: none"> <li>➤ Departments: Result Analysis of all classes with chart</li> </ul> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Year</td> <td style="width: 40%;">2021-22</td> </tr> <tr> <td>Number of Students Pass</td> <td>66</td> </tr> </table>	Year	2021-22	Number of Students Pass	66	
Year	2021-22					
Number of Students Pass	66					
<b>Criteria 3 Research, Innovations and Extension</b>						
<b>3.1 Promotion of Research and Facilities</b>	<b>3.1.1 Amount of seed money provided by institution to its teachers for research.</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Year</td> <td style="width: 40%;">2021-22</td> </tr> <tr> <td>Amount (INR in Lakhs)</td> <td align="center">-</td> </tr> </table> <ul style="list-style-type: none"> <li>➤ List of faculty who have been provided with seed money for research along with the title of the project, duration and amount year-wise</li> <li>➤ Audited Income-Expenditure statement</li> </ul>	Year	2021-22	Amount (INR in Lakhs)	-	No
	Year	2021-22				
Amount (INR in Lakhs)	-					
<b>3.1.2 Teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Year</td> <td style="width: 40%;">2021-22</td> </tr> <tr> <td>Total number of teacher</td> <td align="center">-</td> </tr> </table>	Year	2021-22	Total number of teacher	-	No	
Year	2021-22					
Total number of teacher	-					
<b>3.2 Resource Mobilization for Research</b>	<b>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</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Year</td> <td style="width: 40%;">2021-22</td> </tr> <tr> <td>Amount (INR in Lakhs)</td> <td align="center">-</td> </tr> </table> <ul style="list-style-type: none"> <li>➤ List of Extramural funding received for research, Endowment Research Chairs received</li> </ul>	Year	2021-22	Amount (INR in Lakhs)	-	No
	Year	2021-22				
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Year	2021-22					
Number of research projects per teacher	-					
<b>3.2.3 Number of teachers recognised as research guides</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Year</td> <td style="width: 40%;">2021-22</td> </tr> <tr> <td>Recognised as research guides</td> <td align="center">2</td> </tr> </table>	Year	2021-22	Recognised as research guides	2	Yes	
Year	2021-22					
Recognised as research guides	2					





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<b>3.3 Research Publications and Awards</b>	<b>3.3.1 List of candidates registered for Ph.D per teacher</b>	<table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Total Number of Candidate</td> <td>19</td> </tr> </table>	Year	2021-22	Total Number of Candidate	19	Yes
	Year		2021-22				
	Total Number of Candidate	19					
	<b>3.3.2 List of research papers in the Journals notified on UGC CARE list</b>	<table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Total Number of Research paper</td> <td>10</td> </tr> </table>	Year	2021-22	Total Number of Research paper	10	Yes
	Year		2021-22				
Total Number of Research paper	10						
➤ Copies of Full paper (with author and affiliation details)							
<b>3.3.3 Total Number of books and chapters in edited volumes published</b>	<table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Total Number of Books/Chapters</td> <td>4</td> </tr> </table>	Year	2021-22	Total Number of Books/Chapters	4	Yes	
Year		2021-22					
Total Number of Books/Chapters	4						
➤ Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters							
<b>3.4 Consultancy</b>	<b>Revenue generated from consultancy and corporate training</b>	<table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Amount (INR in Lakhs)</td> <td>-</td> </tr> </table>	Year	2021-22	Amount (INR in Lakhs)	-	No
Year	2021-22						
Amount (INR in Lakhs)	-						
<b>3.5 Collaboration</b>	<b>Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research</b>	<table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Total Number of MoUs</td> <td>-</td> </tr> </table>	Year	2021-22	Total Number of MoUs	-	No
	Year		2021-22				
	Total Number of MoUs	-					
➤ Copies of documents indicating the functional MoUs							
➤ List of year wise activities with report							
<b>Criteria 4 Infrastructure and Learning Resources</b>							
<b>4.1 Physical Facilities</b>	<b>Adequate infrastructure and other facilities</b>						
	➤ Details of Interactive Display & Smart Board						
	➤ Details of Classrooms, Laboratory and list of equipment including lab manual, Number of		Yes				



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	Computers available, list of software used for students 1. Classrooms – 5 2. Laboratory-6 3. Computer - 77							
<b>Criteria 5 Student Support and Progression</b>								
<b>5.1 Student Support</b>	<b>5.1.1 Efforts taken by the institution to provide career counselling including e-counselling and guidance for competitive examinations</b>	Yes						
	<ul style="list-style-type: none"> <li>➤ Details of programmes like Career guidance programme, Placement Training</li> <li>➤ Reports with Photograph</li> </ul>							
	<b>5.1.2 Capacity development and skills enhancement activities are organised for improving students' capability</b>	No						
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Year</td> <td style="text-align: center;">2021-22</td> </tr> <tr> <td style="text-align: center;">Total Number of Program</td> <td style="text-align: center;">-</td> </tr> </table>		Year	2021-22	Total Number of Program	-		
	Year		2021-22					
Total Number of Program	-							
<ul style="list-style-type: none"> <li>➤ Report with Photographs on programmes conducted for awareness of trends</li> </ul>								
<b>5.2 Student Progression</b>	<b>5.2.1 Number of outgoing students placed and progressed to higher education</b>	Yes						
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Year</td> <td style="text-align: center;">2021-22</td> </tr> <tr> <td style="text-align: center;">Total Number of Students Placed</td> <td style="text-align: center;">45</td> </tr> <tr> <td style="text-align: center;">Total Number of progressed to higher education</td> <td style="text-align: center;">2</td> </tr> </table>		Year	2021-22	Total Number of Students Placed	45	Total Number of progressed to higher education	2
	Year		2021-22					
Total Number of Students Placed	45							
Total Number of progressed to higher education	2							
<b>5.2.2 Number of students qualifying in state/national/ international level examinations (eg: NET/SLET/Civil Services/State government examinations etc.)</b>								
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Year</td> <td style="text-align: center;">2021-22</td> </tr> <tr> <td style="text-align: center;">Total Number of Students Qualified</td> <td style="text-align: center;">1</td> </tr> </table>	Year	2021-22	Total Number of Students Qualified	1	Yes		
Year	2021-22							
Total Number of Students Qualified	1							
<b>5.3 Student Participation and Activities</b>	<b>Presence of an active Student Council &amp; representation of students on academic &amp; administrative bodies/committees of the institution.</b>	Yes						
	<ul style="list-style-type: none"> <li>➤ Technical Symposium</li> </ul>	Yes						
	<ul style="list-style-type: none"> <li>➤ Class committee meeting</li> </ul>	Yes						
	<ul style="list-style-type: none"> <li>➤ BOS minutes</li> </ul>	Yes						
	<ul style="list-style-type: none"> <li>➤ BOG Sub committees circulars and Minutes (Student Representation)</li> </ul>	Yes						



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<b>Criteria 6 Governance, Leadership and Management</b>		
<b>6.1 Faculty Empowerment Strategies</b>	<b>6.1.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies</b>	No
	Year	2021-22
	Total Number of Teacher	-
	<b>6.1.2 Number of Teachers who have undergone online/ face-to-face Faculty Development Programmes (FDP)/ Management Development Programs (MDP)</b>	Yes
	Year	2021-22
	Total Number of Teacher	6
➤ List of Faculty attended FDP/MDP		

**Overall Comments if any:**

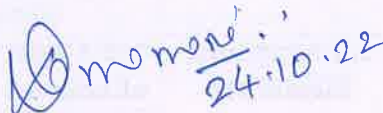

- Department has well-defined curriculum framework.
- Course content can also be included when remedial class is scheduled.
- Faculties are encouraged to take steps for research funding.



**EXTERNAL AUDIT REPORT 2021-22**

24.10.2022

**Part – 1: Preliminary Information**

<b>Name of the Department</b>	:	Civil Engineering
<b>Address of the Institute</b>	:	GCE, Salem
<b>Date and time of visit</b>	:	24.10.2022
<b>Members of the Audit Committee</b>	:	<b>Signature</b>
1. Dr.C.Dhavamani, Professor and Head, Department of Aeronautical Engineering Mahendra Engineering College, Namakkal, Tamil Nadu- 637503.	:	 24.10.22
2. Dr. P. Suresh Professor & Head Department of Mechatronics Engineering Sona College of Tech, Salem	:	 24/10

**Part – 2: Academics Information**

<b>Metric No</b>	<b>Description</b>	<b>Yes/ No</b>
	<b>Criteria 1 Curricular Aspects</b>	
<b>1.1 Curriculum Design and Development</b>	<b>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</b>	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	



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	<ul style="list-style-type: none"> <li>➤ Process for designing vision, mission, PEO, Program curriculum, New regulation, Teaching Process</li> </ul>	
	<ul style="list-style-type: none"> <li>➤ Syllabi book for 2018 and 2022 Regulations</li> </ul>	
	<ul style="list-style-type: none"> <li>➤ Circular and Action taken report for Department level Committee, Program Advisory Committee and Board of Studies Minutes</li> </ul>	
	<p><b>1.1.2 The programmes focus on employability/ entrepreneurship/ skill development and their course syllabi are adequately revised to incorporate contemporary requirements</b></p>	Yes
	<ul style="list-style-type: none"> <li>➤ R2018 &amp; R2022 – Course categorization &amp; Comparison charts</li> </ul>	
<b>1.2 Academic Flexibility</b>	<p><b>1.2.1 New courses introduced out of the total number of courses</b></p>	Yes
	<ul style="list-style-type: none"> <li>➤ List of new courses with syllabi for R2018</li> </ul>	
	<ul style="list-style-type: none"> <li>➤ Minutes of Board of Studies meeting clearly specifying the syllabus approval of new courses (R2018)</li> </ul>	
<b>1.3 Curriculum Enrichment</b>	<p><b>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</b></p>	Yes
	<ul style="list-style-type: none"> <li>➤ List of courses for Human Values, Gender, and Professional Ethics with Syllabus</li> </ul>	
	<ul style="list-style-type: none"> <li>➤ List of courses for Environment and Sustainability with Syllabus</li> </ul>	
	<ul style="list-style-type: none"> <li>➤ List of faculty members attending the course “Universal human values”</li> </ul>	
	<p><b>1.3.2 Number of certificate/value added courses/Diploma Programmes offered by the institutions and online courses of MOOCs, SWAYAM/e-PG Pathshala/ NPTEL and other recognized platforms</b></p>	Yes
	<ul style="list-style-type: none"> <li>➤ List of students and the attendance sheet for the above mentioned programs</li> </ul>	
	<ul style="list-style-type: none"> <li>➤ Programme brochure/notice for Value added programs</li> </ul>	
	<ul style="list-style-type: none"> <li>➤ Evidence of course completion</li> </ul>	
	<p><b>1.3.3 Does the programme have components of field projects / research projects / internships</b></p>	Yes



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	<ul style="list-style-type: none"> <li>➤ Evaluated sample project report (5) – UG &amp; PG</li> <li>➤ Internship completion letter – UG &amp; PG</li> </ul>													
<b>1.4 Feedback System</b>	<p><b>Structured feedback for curriculum and its transaction is regularly obtained from stakeholders like Students, Teachers, Employers, Alumni, Academic peers etc.,</b></p> <ul style="list-style-type: none"> <li>➤ Collections of feedback forms – Students, Faculty, Parent, Employer, Alumni, Exit Survey</li> <li>➤ Feedback analysis report</li> <li>➤ Action taken report on the feedback analysis</li> <li>➤ Circular and Action taken report for Department level Committee, Program Advisory Committee and Board of Studies Minutes</li> </ul>	Yes												
<b>Criteria 2 Teaching-learning and Evaluation</b>														
<b>2.1 Student Enrolment and Profile</b>	<p><b>Enrolment percentage</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Year</th> <th colspan="2">2021-22</th> </tr> <tr> <td></td> <th style="width: 25%;">UG</th> <th style="width: 25%;">PG</th> </tr> </thead> <tbody> <tr> <td>No of Seats sanctioned</td> <td align="center"><b>120</b></td> <td align="center"><b>18</b></td> </tr> <tr> <td>Filled</td> <td align="center"><b>107</b></td> <td align="center"><b>15</b></td> </tr> </tbody> </table>	Year	2021-22			UG	PG	No of Seats sanctioned	<b>120</b>	<b>18</b>	Filled	<b>107</b>	<b>15</b>	Yes
Year	2021-22													
	UG	PG												
No of Seats sanctioned	<b>120</b>	<b>18</b>												
Filled	<b>107</b>	<b>15</b>												
<b>2.2 Catering to Student Diversity</b>	<p><b>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</b></p> <ul style="list-style-type: none"> <li>➤ Remedial Classes Schedule</li> <li>➤ Class Committee Circulars and Minutes</li> <li>➤ Mentor – Mentee Files</li> <li>➤ Placement Courses offered for slow learners</li> <li>➤ Regulation R2018 – Fast track System.</li> <li>➤ NPTEL Courses Registration and certificates</li> <li>➤ GATE/CAT Programs</li> </ul>	Yes												
	<p><b>2021.1.2 Student – Full time teacher ratio</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Year</th> <th>2021-22</th> </tr> </thead> <tbody> <tr> <td>No of students</td> <td align="center"><b>395</b></td> </tr> <tr> <td>Number of full time teachers</td> <td align="center"><b>15</b></td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>➤ List showing the number of students in each of the programs</li> </ul>	Year	2021-22	No of students	<b>395</b>	Number of full time teachers	<b>15</b>	Yes						
Year	2021-22													
No of students	<b>395</b>													
Number of full time teachers	<b>15</b>													



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<b>2.3 Teaching- Learning Process</b>	<b>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</b>	Yes
	➤ 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	
	<b>2.3.2 The department adopts effective Mentor-Mentee Schemes to address academics and student psychological issues</b>	Yes
	➤ List of Active mentors	
	➤ Mentor allocation circulars	
	➤ Mentor Student Mapping	
	➤ Sample Counselling Forms	
<b>2.3.3 Preparation and adherence of Academic Calendar and Teaching plans by the institution</b>	Yes	
➤ Academic Calendar		
➤ Teaching Plan		
<b>2.4 Student Performance and Learning Outcomes</b>	<b>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 institution</b>	Yes
	➤ Course File for each course	
	➤ Overall CO-PO & PSO Attainment with Action Taken Report	
➤ Project Review Evaluation with Rubric		



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	<ul style="list-style-type: none"> <li>➤ Exit Survey sample forms</li> </ul>					
	<p><b>2.4.2 Pass percentage of students</b></p> <ul style="list-style-type: none"> <li>➤ Departments: Result Analysis of all classes with chart</li> </ul> <table border="1"> <tr> <td align="center">Year</td> <td align="center">2021-22</td> </tr> <tr> <td align="center">Number of Students Pass</td> <td align="center">134</td> </tr> </table>	Year	2021-22	Number of Students Pass	134	Yes
Year	2021-22					
Number of Students Pass	134					
	<b>Criteria 3 Research, Innovations and Extension</b>					
<b>3.1 Promotion of Research and Facilities</b>	<p><b>3.1.1 Amount of seed money provided by institution to its teachers for research.</b></p> <table border="1"> <tr> <td align="center">Year</td> <td align="center">2021-22</td> </tr> <tr> <td align="center">Amount (INR in Lakhs)</td> <td align="center">-</td> </tr> </table> <ul style="list-style-type: none"> <li>➤ List of faculty who have been provided with seed money for research along with the title of the project, duration and amount year-wise</li> <li>➤ Audited Income-Expenditure statement</li> </ul>	Year	2021-22	Amount (INR in Lakhs)	-	No
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Year	2021-22					
Total number of teacher	-					
<b>3.2 Resource Mobilization for Research</b>	<p><b>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</b></p> <table border="1"> <tr> <td align="center">Year</td> <td align="center">2021-22</td> </tr> <tr> <td align="center">Amount (INR in Lakhs)</td> <td align="center">-</td> </tr> </table> <ul style="list-style-type: none"> <li>➤ List of Extramural funding received for research, Endowment Research Chairs received</li> </ul>	Year	2021-22	Amount (INR in Lakhs)	-	No
Year	2021-22					
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Year	2021-22					
Number of research projects per teacher	-					





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	<b>3.2.3 Number of teachers recognised as research guides</b> <table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Recognised as research guides</td> <td>5</td> </tr> </table>	Year	2021-22	Recognised as research guides	5	Yes
Year	2021-22					
Recognised as research guides	5					
<b>3.3 Research Publications and Awards</b>	<b>3.3.1 List of candidates registered for Ph.D per teacher</b> <table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Total Number of Candidate</td> <td>20</td> </tr> </table>	Year	2021-22	Total Number of Candidate	20	Yes
	Year	2021-22				
	Total Number of Candidate	20				
	<b>3.3.2 List of research papers in the Journals notified on UGC CARE list</b> <table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Total Number of Research paper</td> <td>14</td> </tr> </table>	Year	2021-22	Total Number of Research paper	14	Yes
	Year	2021-22				
Total Number of Research paper	14					
<ul style="list-style-type: none"> <li>➤ Copies of Full paper (with author and affiliation details)</li> </ul>						
<b>3.3.3 Total Number of books and chapters in edited volumes published</b> <table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Total Number of Books/Chapters</td> <td>-</td> </tr> </table>	Year	2021-22	Total Number of Books/Chapters	-	No	
Year	2021-22					
Total Number of Books/Chapters	-					
<ul style="list-style-type: none"> <li>➤ Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters</li> </ul>						
<b>3.4 Consultancy</b>	<b>Revenue generated from consultancy and corporate training</b> <table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Amount (INR in Lakhs)</td> <td>103.43</td> </tr> </table>	Year	2021-22	Amount (INR in Lakhs)	103.43	Yes
Year	2021-22					
Amount (INR in Lakhs)	103.43					
<b>3.5 Collaboration</b>	<b>Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research</b> <table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Total Number of MoUs</td> <td>2</td> </tr> </table>	Year	2021-22	Total Number of MoUs	2	Yes
	Year	2021-22				
	Total Number of MoUs	2				
<ul style="list-style-type: none"> <li>➤ Copies of documents indicating the functional MoUs</li> </ul>						
<ul style="list-style-type: none"> <li>➤ List of year wise activities with report</li> </ul>						



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<b>Criteria 4 Infrastructure and Learning Resources</b>								
<b>4.1 Physical Facilities</b>	<b>Adequate infrastructure and other facilities</b>							
	<ul style="list-style-type: none"> <li>➤ Details of Interactive Display &amp; Smart Board</li> <li>➤ Details of Classrooms, Laboratory and list of equipment including lab manual, Number of Computers available, list of software used for students               <ol style="list-style-type: none"> <li>1. Classrooms – 8</li> <li>2. Laboratory-11</li> <li>3. Computer - 35</li> </ol> </li> </ul>	Yes						
<b>Criteria 5 Student Support and Progression</b>								
<b>5.1 Student Support</b>	<b>5.1.1 Efforts taken by the institution to provide career counselling including e-counselling and guidance for competitive examinations</b>							
	<ul style="list-style-type: none"> <li>➤ Details of programmes like Career guidance programme, Placement Training</li> <li>➤ Reports with Photograph</li> </ul>	Yes						
	<b>5.1.2 Capacity development and skills enhancement activities are organised for improving students' capability</b> <table border="1" style="width: 100%; margin-top: 5px;"> <tr> <td style="text-align: center;">Year</td> <td style="text-align: center;">2021-22</td> </tr> <tr> <td style="text-align: center;">Total Number of Program</td> <td style="text-align: center;">-</td> </tr> </table> <ul style="list-style-type: none"> <li>➤ Report with Photographs on programmes conducted for awareness of trends</li> </ul>	Year	2021-22	Total Number of Program	-	No		
Year	2021-22							
Total Number of Program	-							
<b>5.2 Student Progression</b>	<b>5.2.1 Number of outgoing students placed and progressed to higher education</b>							
	<table border="1" style="width: 100%; margin-top: 5px;"> <tr> <td style="text-align: center;">Year</td> <td style="text-align: center;">2021-22</td> </tr> <tr> <td style="text-align: center;">Total Number of Students Placed</td> <td style="text-align: center;">33</td> </tr> <tr> <td style="text-align: center;">Total Number of progressed to higher education</td> <td style="text-align: center;">5</td> </tr> </table>	Year	2021-22	Total Number of Students Placed	33	Total Number of progressed to higher education	5	Yes
	Year	2021-22						
	Total Number of Students Placed	33						
Total Number of progressed to higher education	5							
<b>5.2.2 Number of students qualifying in state/national/ international level examinations (eg: NET/SLET/Civil Services/State government examinations etc.)</b>								
<table border="1" style="width: 100%; margin-top: 5px;"> <tr> <td style="text-align: center;">Year</td> <td style="text-align: center;">2021-22</td> </tr> <tr> <td style="text-align: center;">Total Number of Students Qualified</td> <td style="text-align: center;">-</td> </tr> </table>	Year	2021-22	Total Number of Students Qualified	-	No			
Year	2021-22							
Total Number of Students Qualified	-							
<b>5.3 Student Participation and Activities</b>	<b>Presence of an active Student Council &amp; representation of students on academic &amp; administrative bodies/committees of the institution.</b>	Yes						
	<ul style="list-style-type: none"> <li>➤ Technical Symposium</li> </ul>	Yes						



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	➤ Class committee meeting	Yes			
	➤ BOS minutes	Yes			
	➤ BOG Sub committees circulars and Minutes (Student Representation)	Yes			
<b>Criteria 6 Governance, Leadership and Management</b>					
<b>6.1 Faculty Empowerment Strategies</b>	<b>6.1.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies</b>	No			
	<table border="1" style="width: 100%;"> <tr> <td style="text-align: center;">Year</td> <td style="text-align: center;">2021-22</td> </tr> <tr> <td style="text-align: center;">Total Number of Teacher</td> <td style="text-align: center;">-</td> </tr> </table>	Year	2021-22	Total Number of Teacher	-
Year	2021-22				
Total Number of Teacher	-				
	<b>6.1.2 Number of Teachers who have undergone online/ face-to-face Faculty Development Programmes (FDP)/ Management Development Programs (MDP)</b>	Yes			
	<table border="1" style="width: 100%;"> <tr> <td style="text-align: center;">Year</td> <td style="text-align: center;">2021-22</td> </tr> <tr> <td style="text-align: center;">Total Number of Teacher</td> <td style="text-align: center;">6</td> </tr> </table>	Year	2021-22	Total Number of Teacher	6
Year	2021-22				
Total Number of Teacher	6				
	➤ List of Faculty attended FDP/MDP				

**Overall Comments if any:**

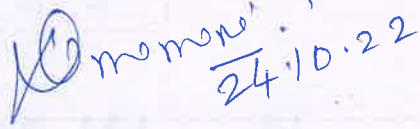



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**EXTERNAL AUDIT REPORT 2021-22**

**24.10.2022**

**Part – 1: Preliminary Information**

Name of the Department	:	Computer Science and Engineering
Address of the Institute	:	GCE, Salem
Date and time of visit	:	24.10.2022
Members of the Audit Committee		<b>Signature</b>
1. Dr.C.Dhavamani, Professor and Head, Department of Aeronautical Engineering Mahendra Engineering College, Namakkal, Tamil Nadu- 637503.	:	 24.10.22
2. Dr. P. Suresh Professor & Head Department of Mechatronics Engineering Sona College of Tech, Salem	:	 24/10

**Part – 2: Academics Information**

Metric No	Description	Yes/ No
	<b>Criteria 1 Curricular Aspects</b>	
<b>1.1 Curriculum Design and Development</b>	<b>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</b>	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	
➤ Syllabi book for 2018 and 2022 Regulations		



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	<ul style="list-style-type: none"> <li>➤ Circular and Action taken report for Department level Committee, Program Advisory Committee and Board of Studies Minutes</li> </ul>	
	<p><b>1.1.2 The programmes focus on employability/ entrepreneurship/ skill development and their course syllabi are adequately revised to incorporate contemporary requirements</b></p> <ul style="list-style-type: none"> <li>➤ R2018 &amp; R2022 – Course categorization &amp; Comparison charts</li> </ul>	Yes
<b>1.2 Academic Flexibility</b>	<p><b>1.2.1 New courses introduced out of the total number of courses</b></p> <ul style="list-style-type: none"> <li>➤ List of new courses with syllabi for R2018</li> <li>➤ Minutes of Board of Studies meeting clearly specifying the syllabus approval of new courses (R2018)</li> </ul>	Yes
<b>1.3 Curriculum Enrichment</b>	<p><b>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</b></p> <ul style="list-style-type: none"> <li>➤ List of courses for Human Values, Gender, and Professional Ethics with Syllabus</li> <li>➤ List of courses for Environment and Sustainability with Syllabus</li> <li>➤ List of faculty members attending the course “Universal human values”</li> </ul>	Yes
	<p><b>1.3.2 Number of certificate/value added courses/Diploma Programmes offered by the institutions and online courses of MOOCs, SWAYAM/e-PG Pathshala/ NPTEL and other recognized platforms</b></p> <ul style="list-style-type: none"> <li>➤ List of students and the attendance sheet for the above mentioned programs</li> <li>➤ Programme brochure/notice for Value added programs</li> <li>➤ Evidence of course completion</li> </ul>	Yes
	<p><b>1.3.3 Does the programme have components of field projects / research projects / internships</b></p> <ul style="list-style-type: none"> <li>➤ Evaluated sample project report (5) – UG &amp; PG</li> <li>➤ Internship completion letter – UG &amp; PG</li> </ul>	Yes
<b>1.4 Feedback System</b>	<p><b>Structured feedback for curriculum and its transaction is regularly obtained from stakeholders like Students, Teachers, Employers, Alumni, Academic peers etc.,</b></p> <ul style="list-style-type: none"> <li>➤ Collections of feedback forms – Students, Faculty, Parent, Employer, Alumni, Exit Survey</li> </ul>	Yes



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	<ul style="list-style-type: none"> <li>➤ Feedback analysis report</li> <li>➤ Action taken report on the feedback analysis</li> <li>➤ Circular and Action taken report for Department level Committee, Program Advisory Committee and Board of Studies Minutes</li> </ul>		
<b>Criteria 2 Teaching-learning and Evaluation</b>			
<b>2.1 Student Enrolment and Profile</b>	<b>Enrolment percentage</b>		Yes
	Year	2021-22	
	No of Seats sanctioned	<b>60</b>	
	Filled	<b>51</b>	
<b>2.2 Catering to Student Diversity</b>	<b>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</b>		Yes
	<ul style="list-style-type: none"> <li>➤ Remedial Classes Schedule</li> <li>➤ Class Committee Circulars and Minutes</li> <li>➤ Mentor - Mentee Files</li> <li>➤ Placement Courses offered for slow learners</li> <li>➤ Regulation R2018 - Fast track System.</li> <li>➤ NPTEL Courses Registration and certificates</li> <li>➤ GATE/CAT Programs</li> </ul>		
	<b>2.2.2 Student - Full time teacher ratio</b>		
	Year	2021-22	
	No of students	<b>174</b>	
	Number of full time teachers	<b>11</b>	
	<ul style="list-style-type: none"> <li>➤ List showing the number of students in each of the programs</li> </ul>		
<b>2.3 Teaching- Learning Process</b>	<b>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</b>		Yes
	<ul style="list-style-type: none"> <li>➤ Experiential learning – Sample Internship letter, Naan Mudhalvan courses, Sample Industrial Project, if any Industrial Visit Reports</li> <li>➤ Participative learning – Technical Seminar for M.E: Circular and other supporting documents</li> </ul>		



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	<p>Learning through various social activities and technical association events: Invitation, Schedule, Attendance sheet and Report with Photographs</p> <ul style="list-style-type: none"> <li>➤ Problem solving methodologies – Sample Assignments, Tutorials, Mini Project, Project work Report</li> <li>➤ SWAYAM/NPTEL Courses</li> </ul>					
	<p><b>2.3.2 The department adopts effective Mentor-Mentee Schemes to address academics and student psychological issues</b></p> <ul style="list-style-type: none"> <li>➤ List of Active mentors</li> <li>➤ Mentor allocation circulars</li> <li>➤ Mentor Student Mapping</li> <li>➤ Sample Counselling Forms</li> </ul>	Yes				
	<p><b>2.3.3 Preparation and adherence of Academic Calendar and Teaching plans by the institution</b></p> <ul style="list-style-type: none"> <li>➤ Academic Calendar</li> <li>➤ Teaching Plan</li> </ul>	Yes				
<b>2.4 Student Performance and Learning Outcomes</b>	<p><b>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 institution</b></p> <ul style="list-style-type: none"> <li>➤ Course File for each course</li> <li>➤ Overall CO-PO &amp; PSO Attainment with Action Taken Report</li> <li>➤ Project Review Evaluation with Rubric</li> <li>➤ Exit Survey sample forms</li> </ul>	Yes				
	<p><b>2.4.2 Pass percentage of students</b></p> <ul style="list-style-type: none"> <li>➤ Departments: Result Analysis of all classes with chart</li> </ul> <table border="1" style="margin-left: auto; margin-right: auto;"> <tbody> <tr> <td align="center">Year</td> <td align="center">2021-22</td> </tr> <tr> <td align="center">Number of Students Pass</td> <td align="center">60</td> </tr> </tbody> </table>	Year	2021-22	Number of Students Pass	60	Yes
Year	2021-22					
Number of Students Pass	60					
<b>Criteria 3 Research, Innovations and Extension</b>						



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<b>3.1</b> <b>Promotion of</b> <b>Research and</b> <b>Facilities</b>	<b>3.1.1 Amount of seed money provided by institution to its teachers for research.</b> <table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Amount (INR in Lakhs)</td> <td>-</td> </tr> </table> <p>           &gt; List of faculty who have been provided with seed money for research along with the title of the project, duration and amount year-wise            &gt; Audited Income-Expenditure statement         </p>	Year	2021-22	Amount (INR in Lakhs)	-	No
	Year	2021-22				
Amount (INR in Lakhs)	-					
<b>3.1.2 Teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research</b> <table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Total number of teacher</td> <td>-</td> </tr> </table>	Year	2021-22	Total number of teacher	-	No	
Year	2021-22					
Total number of teacher	-					
<b>3.2</b> <b>Resource</b> <b>Mobilization</b> <b>for Research</b>	<b>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</b> <table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Amount (INR in Lakhs)</td> <td>-</td> </tr> </table> <p>&gt; List of Extramural funding received for research, Endowment Research Chairs received</p>	Year	2021-22	Amount (INR in Lakhs)	-	No
	Year	2021-22				
	Amount (INR in Lakhs)	-				
<b>3.2.2 Number of research projects per teacher funded by government, non-government, industry, corporate houses, international bodies</b> <table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Number of research projects per teacher</td> <td>-</td> </tr> </table>	Year	2021-22	Number of research projects per teacher	-	No	
Year	2021-22					
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<b>3.2.3 Number of teachers recognised as research guides</b> <table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Recognised as research guides</td> <td>2</td> </tr> </table>	Year	2021-22	Recognised as research guides	2	Yes	
Year	2021-22					
Recognised as research guides	2					
<b>3.3</b> <b>Research</b> <b>Publications</b> <b>and Awards</b>	<b>3.3.1 List of candidates registered for Ph.D per teacher</b> <table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Total Number of Candidate</td> <td>14</td> </tr> </table>	Year	2021-22	Total Number of Candidate	14	Yes
	Year	2021-22				
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Year	2021-22					
Total Number of Research paper	8					





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	<ul style="list-style-type: none"> <li>➤ Copies of Full paper (with author and affiliation details)</li> </ul>					
	<p><b>3.3.3 Total Number of books and chapters in edited volumes published</b></p> <table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Total Number of Books/Chapters</td> <td>-</td> </tr> </table>	Year	2021-22	Total Number of Books/Chapters	-	No
Year	2021-22					
Total Number of Books/Chapters	-					
	<ul style="list-style-type: none"> <li>➤ Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters</li> </ul>					
<b>3.4 Consultancy</b>	<p><b>Revenue generated from consultancy and corporate training</b></p> <table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Amount (INR in Lakhs)</td> <td>-</td> </tr> </table>	Year	2021-22	Amount (INR in Lakhs)	-	No
Year	2021-22					
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Year	2021-22					
Total Number of MoUs	3					
	<ul style="list-style-type: none"> <li>➤ Copies of documents indicating the functional MoUs</li> <li>➤ List of year wise activities with report</li> </ul>					
<b>Criteria 4 Infrastructure and Learning Resources</b>						
<b>4.1 Physical Facilities</b>	<p><b>Adequate infrastructure and other facilities</b></p> <ul style="list-style-type: none"> <li>➤ Details of Interactive Display &amp; Smart Board</li> <li>➤ Details of Classrooms, Laboratory and list of equipment including lab manual, Number of Computers available, list of software used for students               <ol style="list-style-type: none"> <li>1. Classrooms – 3</li> <li>2. Laboratory-5</li> <li>3. Computer – 190</li> </ol> </li> </ul>	Yes				
<b>Criteria 5 Student Support and Progression</b>						
<b>5.1 Student Support</b>	<p><b>Efforts taken by the institution to provide career counselling including e-counselling and guidance for competitive examinations</b></p>	Yes				



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	<ul style="list-style-type: none"> <li>➤ Details of programmes like Career guidance programme, Placement Training</li> <li>➤ Reports with Photograph</li> </ul>							
	<p><b>Capacity development and skills enhancement activities are organised for improving students' capability</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Year</td> <td style="width: 40%;">2021-22</td> </tr> <tr> <td>Total Number of Program</td> <td align="center">-</td> </tr> </table>	Year	2021-22	Total Number of Program	-	No		
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	<ul style="list-style-type: none"> <li>➤ Report with Photographs on programmes conducted for awareness of trends</li> </ul>							
<b>5.2 Student Progression</b>	<p><b>5.2.1 Number of outgoing students placed and progressed to higher education</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Year</td> <td style="width: 40%;">2021-22</td> </tr> <tr> <td>Total Number of Students Placed</td> <td align="center">60</td> </tr> <tr> <td>Total Number of progressed to higher education</td> <td align="center">-</td> </tr> </table>	Year	2021-22	Total Number of Students Placed	60	Total Number of progressed to higher education	-	Yes
Year	2021-22							
Total Number of Students Placed	60							
Total Number of progressed to higher education	-							
	<p><b>5.2.2 Number of students qualifying in state/national/ international level examinations (eg: NET/SLET/Civil Services/State government examinations etc.)</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Year</td> <td style="width: 40%;">2021-22</td> </tr> <tr> <td>Total Number of Students Qualified</td> <td align="center">-</td> </tr> </table>	Year	2021-22	Total Number of Students Qualified	-	No		
Year	2021-22							
Total Number of Students Qualified	-							
<b>5.3 Student Participation and Activities</b>	<p><b>Presence of an active Student Council &amp; representation of students on academic &amp; administrative bodies/committees of the institution.</b></p> <ul style="list-style-type: none"> <li>➤ Technical Symposium</li> <li>➤ Class committee meeting</li> <li>➤ BOS minutes</li> <li>➤ BOG Sub committees circulars and Minutes (Student Representation)</li> </ul>	Yes    Yes    Yes    Yes						



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Criteria 6 Governance, Leadership and Management		
<b>6.1 Faculty Empowerment Strategies</b>	<b>6.1.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies</b>	No
	Year	2021-22
	Total Number of Teacher	-
	<b>6.1.2 Number of Teachers who have undergone online/ face-to-face Faculty Development Programmes (FDP)/ Management Development Programs (MDP)</b>	Yes
	Year	2021-22
	Total Number of Teacher	6
	➤ List of Faculty attended FDP/MDP	

Overall Comments if any:



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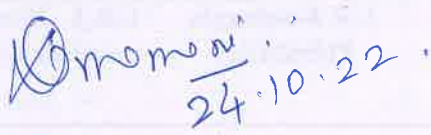

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**EXTERNAL AUDIT REPORT 2021-22**

24.10.2022

**Part – 1: Preliminary Information**

<b>Name of the Department</b>	:	Metallurgical Engineering
<b>Address of the Institute</b>	:	GCE, Salem
<b>Date and time of visit</b>	:	24.10.2022
<b>Members of the Audit Committee</b>		<b>Signature</b>
1. Dr.C.Dhavamani, Professor and Head, Department of Aeronautical Engineering Mahendra Engineering College, Namakkal, Tamil Nadu- 637503.	:	 24.10.22
2. Dr. P. Suresh Professor & Head Department of Mechatronics Engineering Sona College of Tech, Salem	:	 24/10

**Part – 2: Academics Information**

<b>Metric No</b>	<b>Description</b>	<b>Yes/ No</b>
<b>Criteria 1 Curricular Aspects</b>		
<b>1.1 Curriculum Design and Development</b>	<b>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</b>	Yes
	➤ Vision & Mission	
	➤ Programme 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	



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	<ul style="list-style-type: none"> <li>➤ Syllabi book for 2018 and 2022 Regulations</li> <li>➤ Circular and Action taken report for Department level Committee, Program Advisory Committee and Board of Studies Minutes</li> </ul>	
	<p><b>1.1.2 The programmes focus on employability/ entrepreneurship/ skill development and their course syllabi are adequately revised to incorporate contemporary requirements</b></p> <ul style="list-style-type: none"> <li>➤ R2018 &amp; R2022 – Course categorization &amp; Comparison charts</li> </ul>	Yes
<b>1.2 Academic Flexibility</b>	<p><b>1.2.1 New courses introduced out of the total number of courses</b></p> <ul style="list-style-type: none"> <li>➤ List of new courses with syllabi for R2018</li> <li>➤ Minutes of Board of Studies meeting clearly specifying the syllabus approval of new courses (R2018)</li> </ul>	Yes
<b>1.3 Curriculum Enrichment</b>	<p><b>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</b></p> <ul style="list-style-type: none"> <li>➤ List of courses for Human Values, Gender, and Professional Ethics with Syllabus</li> <li>➤ List of courses for Environment and Sustainability with Syllabus</li> <li>➤ List of faculty members attending the course “Universal human values”</li> </ul>	Yes
	<p><b>1.3.2 Number of certificate/value added courses/Diploma Programmes offered by the institutions and online courses of MOOCs, SWAYAM/e-PG Pathshala/ NPTEL and other recognized platforms</b></p> <ul style="list-style-type: none"> <li>➤ List of students and the attendance sheet for the above mentioned programs</li> <li>➤ Programme brochure/notice for Value added programs</li> <li>➤ Evidence of course completion</li> </ul>	Yes
	<p><b>1.3.3 Does the programme have components of field projects / research projects / internships</b></p> <ul style="list-style-type: none"> <li>➤ Evaluated sample project report (5) – UG &amp; PG</li> <li>➤ Internship completion letter – UG &amp; PG</li> </ul>	Yes



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<p><b>1.4 Feedback System</b></p>	<p><b>Structured feedback for curriculum and its transaction is regularly obtained from stakeholders like Students, Teachers, Employers, Alumni, Academic peers etc.,</b></p> <ul style="list-style-type: none"> <li>➤ Collections of feedback forms – Students, Faculty, Parent, Employer, Alumni, Exit Survey</li> <li>➤ Feedback analysis report</li> <li>➤ Action taken report on the feedback analysis</li> <li>➤ Circular and Action taken report for Department level Committee, Program Advisory Committee and Board of Studies Minutes</li> </ul>	<p align="center">Yes</p>												
<b>Criteria 2 Teaching-learning and Evaluation</b>														
<p><b>2.1 Student Enrolment and Profile</b></p>	<p><b>Enrolment percentage</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">Year</th> <th colspan="2" style="width: 40%;">2021-22</th> </tr> <tr> <td></td> <th style="width: 20%;">UG</th> <th style="width: 20%;">PG</th> </tr> </thead> <tbody> <tr> <td>No of Seats sanctioned</td> <td align="center"><b>60</b></td> <td align="center"><b>18</b></td> </tr> <tr> <td>Filled</td> <td align="center"><b>55</b></td> <td align="center"><b>5</b></td> </tr> </tbody> </table>	Year	2021-22			UG	PG	No of Seats sanctioned	<b>60</b>	<b>18</b>	Filled	<b>55</b>	<b>5</b>	<p align="center">Yes</p>
Year	2021-22													
	UG	PG												
No of Seats sanctioned	<b>60</b>	<b>18</b>												
Filled	<b>55</b>	<b>5</b>												
<p><b>2.2 Catering to Student Diversity</b></p>	<p><b>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</b></p> <ul style="list-style-type: none"> <li>➤ Remedial Classes Schedule</li> <li>➤ Class Committee Circulars and Minutes</li> <li>➤ Mentor – Mentee Files</li> <li>➤ Placement Courses offered for slow learners</li> <li>➤ Regulation R2018 - Fast track System.</li> <li>➤ NPTEL Courses Registration and certificates</li> <li>➤ GATE/CAT Programs</li> </ul> <p><b>2.2.2 Student - Full time teacher ratio</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">Year</th> <th colspan="2" style="width: 40%;">2021-22</th> </tr> </thead> <tbody> <tr> <td>No of students</td> <td align="center" colspan="2"><b>193</b></td> </tr> <tr> <td>Number of full time teachers</td> <td align="center" colspan="2"><b>9</b></td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>➤ List showing the number of students in each of the programs</li> </ul>	Year	2021-22		No of students	<b>193</b>		Number of full time teachers	<b>9</b>		<p align="center">Yes</p>			
Year	2021-22													
No of students	<b>193</b>													
Number of full time teachers	<b>9</b>													
<p><b>2.3 Teaching-Learning Process</b></p>	<p><b>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</b></p>	<p align="center">Yes</p>												



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	<p><b>including online resources for effective teaching and learning process</b></p>	
	<ul style="list-style-type: none"> <li>➤ Experiential learning – Sample Internship letter, Naan Mudhalvan courses, Sample Industrial Project, if any Industrial Visit Reports</li> </ul>	
	<ul style="list-style-type: none"> <li>➤ 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</li> </ul>	
	<ul style="list-style-type: none"> <li>➤ Problem solving methodologies – Sample Assignments, Tutorials, Mini Project, Project work Report</li> </ul>	
	<ul style="list-style-type: none"> <li>➤ SWAYAM/NPTEL Courses</li> </ul>	
	<p><b>2.3.2 The department adopts effective Mentor-Mentee Schemes to address academics and student psychological issues</b></p>	
	<ul style="list-style-type: none"> <li>➤ List of Active mentors</li> </ul>	Yes
	<ul style="list-style-type: none"> <li>➤ Mentor allocation circulars</li> </ul>	
	<ul style="list-style-type: none"> <li>➤ Mentor Student Mapping</li> </ul>	
	<ul style="list-style-type: none"> <li>➤ Sample Counselling Forms</li> </ul>	
	<p><b>2.3.3 Preparation and adherence of Academic Calendar and Teaching plans by the institution</b></p>	
	<ul style="list-style-type: none"> <li>➤ Academic Calendar</li> </ul>	Yes
	<ul style="list-style-type: none"> <li>➤ Teaching Plan</li> </ul>	
<p><b>2.4 Student Performance and Learning Outcomes</b></p>	<p><b>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 institution</b></p>	Yes
	<ul style="list-style-type: none"> <li>➤ Course File for each course</li> <li>➤ Overall CO-PO &amp; PSO Attainment with Action Taken Report</li> </ul>	
	<ul style="list-style-type: none"> <li>➤ Project Review Evaluation with Rubric</li> </ul>	



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	<ul style="list-style-type: none"> <li>➤ Exit Survey sample forms</li> </ul>					
	<p><b>2.4.2 Pass percentage of students</b></p> <ul style="list-style-type: none"> <li>➤ Departments: Result Analysis of all classes with chart</li> </ul> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Year</td> <td style="width: 40%;">2021-22</td> </tr> <tr> <td>Number of Students Pass</td> <td>63</td> </tr> </table>	Year	2021-22	Number of Students Pass	63	Yes
Year	2021-22					
Number of Students Pass	63					
<b>Criteria 3 Research, Innovations and Extension</b>						
<b>3.1 Promotion of Research and Facilities</b>	<p><b>3.1.1 Amount of seed money provided by institution to its teachers for research.</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Year</td> <td style="width: 40%;">2021-22</td> </tr> <tr> <td>Amount (INR in Lakhs)</td> <td align="center">-</td> </tr> </table> <ul style="list-style-type: none"> <li>➤ List of faculty who have been provided with seed money for research along with the title of the project, duration and amount year-wise</li> <li>➤ Audited Income-Expenditure statement</li> </ul>	Year	2021-22	Amount (INR in Lakhs)	-	No
Year	2021-22					
Amount (INR in Lakhs)	-					
	<p><b>3.1.2 Teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Year</td> <td style="width: 40%;">2021-22</td> </tr> <tr> <td>Total number of teacher</td> <td align="center">-</td> </tr> </table>	Year	2021-22	Total number of teacher	-	No
Year	2021-22					
Total number of teacher	-					
<b>3.2 Resource Mobilization for Research</b>	<p><b>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</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Year</td> <td style="width: 40%;">2021-22</td> </tr> <tr> <td>Amount (INR in Lakhs)</td> <td align="center">-</td> </tr> </table> <ul style="list-style-type: none"> <li>➤ List of Extramural funding received for research, Endowment Research Chairs received</li> </ul>	Year	2021-22	Amount (INR in Lakhs)	-	No
Year	2021-22					
Amount (INR in Lakhs)	-					
	<p><b>3.2.2 Number of research projects per teacher funded by government, non-government, industry, corporate houses, international bodies</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Year</td> <td style="width: 40%;">2021-22</td> </tr> <tr> <td>Number of research projects per teacher</td> <td align="center">-</td> </tr> </table>	Year	2021-22	Number of research projects per teacher	-	No
Year	2021-22					
Number of research projects per teacher	-					





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	<p><b>3.2.3 Number of teachers recognised as research guides</b></p> <table border="1"> <thead> <tr> <th>Year</th> <th>2021-22</th> </tr> </thead> <tbody> <tr> <td>Recognised as research guides</td> <td>1</td> </tr> </tbody> </table>	Year	2021-22	Recognised as research guides	1	Yes
Year	2021-22					
Recognised as research guides	1					
<b>3.3 Research Publications and Awards</b>	<p><b>3.3.1 List of candidates registered for Ph.D per teacher</b></p> <table border="1"> <thead> <tr> <th>Year</th> <th>2021-22</th> </tr> </thead> <tbody> <tr> <td>Total Number of Candidate</td> <td>2</td> </tr> </tbody> </table>	Year	2021-22	Total Number of Candidate	2	Yes
	Year	2021-22				
	Total Number of Candidate	2				
	<p><b>3.3.2 List of research papers in the Journals notified on UGC CARE list</b></p> <table border="1"> <thead> <tr> <th>Year</th> <th>2021-22</th> </tr> </thead> <tbody> <tr> <td>Total Number of Research paper</td> <td>5</td> </tr> </tbody> </table>	Year	2021-22	Total Number of Research paper	5	Yes
Year	2021-22					
Total Number of Research paper	5					
<p>➤ Copies of Full paper (with author and affiliation details)</p>						
<p><b>3.3.3 Total Number of books and chapters in edited volumes published</b></p> <table border="1"> <thead> <tr> <th>Year</th> <th>2021-22</th> </tr> </thead> <tbody> <tr> <td>Total Number of Books/Chapters</td> <td>1</td> </tr> </tbody> </table>	Year	2021-22	Total Number of Books/Chapters	1	Yes	
Year	2021-22					
Total Number of Books/Chapters	1					
	<p>➤ Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters</p>					
<b>3.4 Consultancy</b>	<p><b>Revenue generated from consultancy and corporate training</b></p> <table border="1"> <thead> <tr> <th>Year</th> <th>2021-22</th> </tr> </thead> <tbody> <tr> <td>Amount (INR in Lakhs)</td> <td>-</td> </tr> </tbody> </table>	Year	2021-22	Amount (INR in Lakhs)	-	No
Year	2021-22					
Amount (INR in Lakhs)	-					
<b>3.5 Collaboration</b>	<p><b>Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research</b></p> <table border="1"> <thead> <tr> <th>Year</th> <th>2021-22</th> </tr> </thead> <tbody> <tr> <td>Total Number of MoUs</td> <td>-</td> </tr> </tbody> </table>	Year	2021-22	Total Number of MoUs	-	No
	Year	2021-22				
	Total Number of MoUs	-				
<p>➤ Copies of documents indicating the functional MoUs</p>						
<p>➤ List of year wise activities with report</p>						



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Criteria 4 Infrastructure and Learning Resources								
<b>4.1 Physical Facilities</b>	<b>Adequate infrastructure and other facilities</b>							
	<ul style="list-style-type: none"> <li>➤ Details of Interactive Display &amp; Smart Board</li> <li>➤ Details of Classrooms, Laboratory and list of equipment including lab manual, Number of Computers available, list of software used for students               <ol style="list-style-type: none"> <li>1. Classrooms – 6</li> <li>2. Laboratory-10</li> <li>3. Computer - 41</li> </ol> </li> </ul>	Yes						
Criteria 5 Student Support and Progression								
<b>5.1 Student Support</b>	<b>5.1.1 Efforts taken by the institution to provide career counselling including e-counselling and guidance for competitive examinations</b>							
	<ul style="list-style-type: none"> <li>➤ Details of programmes like Career guidance programme, Placement Training</li> <li>➤ Reports with Photograph</li> </ul>	Yes						
	<b>5.1.2 Capacity development and skills enhancement activities are organised for improving students' capability</b> <table border="1" style="width: 100%; margin-top: 5px;"> <tr> <td style="text-align: center;">Year</td> <td style="text-align: center;">2021-22</td> </tr> <tr> <td style="text-align: center;">Total Number of Program</td> <td style="text-align: center;">-</td> </tr> </table> <ul style="list-style-type: none"> <li>➤ Report with Photographs on programmes conducted for awareness of trends</li> </ul>	Year	2021-22	Total Number of Program	-	No		
Year	2021-22							
Total Number of Program	-							
<b>5.2 Student Progression</b>	<b>5.2.1 Number of outgoing students placed and progressed to higher education</b>							
	<table border="1" style="width: 100%; margin-top: 5px;"> <tr> <td style="text-align: center;">Year</td> <td style="text-align: center;">2021-22</td> </tr> <tr> <td style="text-align: center;">Total Number of Students Placed</td> <td style="text-align: center;">21</td> </tr> <tr> <td style="text-align: center;">Total Number of progressed to higher education</td> <td style="text-align: center;">-</td> </tr> </table>	Year	2021-22	Total Number of Students Placed	21	Total Number of progressed to higher education	-	Yes
	Year	2021-22						
	Total Number of Students Placed	21						
Total Number of progressed to higher education	-							
<b>5.2.2 Number of students qualifying in state/national/ international level examinations (eg: NET/SLET/Civil Services/State government examinations etc.)</b>								
<table border="1" style="width: 100%; margin-top: 5px;"> <tr> <td style="text-align: center;">Year</td> <td style="text-align: center;">2021-22</td> </tr> <tr> <td style="text-align: center;">Total Number of Students Qualified</td> <td style="text-align: center;">1</td> </tr> </table>	Year	2021-22	Total Number of Students Qualified	1	No			
Year	2021-22							
Total Number of Students Qualified	1							
<b>5.3 Student Participation and Activities</b>	<b>Presence of an active Student Council &amp; representation of students on academic &amp; administrative bodies/committees of the institution.</b>	Yes						



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	➤ Technical Symposium	Yes		
	➤ Class committee meeting	Yes		
	➤ BOS minutes	Yes		
	➤ BOG Sub committees circulars and Minutes (Student Representation)	Yes		
<b>Criteria 6 Governance, Leadership and Management</b>				
<b>6.1 Faculty Empowerment Strategies</b>	<b>6.1.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies</b>	No		
	<table border="1" style="width: 100%;"> <tbody> <tr> <td style="text-align: center;">Year</td> <td style="text-align: center;">2021-22</td> </tr> <tr> <td style="text-align: center;">Total Number of Teacher</td> <td style="text-align: center;">-</td> </tr> </tbody> </table>		Year	2021-22
Year	2021-22			
Total Number of Teacher	-			
	<b>6.1.2 Number of Teachers who have undergone online/ face-to-face Faculty Development Programmes (FDP)/ Management Development Programs (MDP)</b>	Yes		
	<table border="1" style="width: 100%;"> <tbody> <tr> <td style="text-align: center;">Year</td> <td style="text-align: center;">2021-22</td> </tr> <tr> <td style="text-align: center;">Total Number of Teacher</td> <td style="text-align: center;">4</td> </tr> </tbody> </table>		Year	2021-22
Year	2021-22			
Total Number of Teacher	4			
	➤ List of Faculty attended FDP/MDP			

**Overall Comments if any:-**



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**EXTERNAL AUDIT REPORT 2021-22**

24.10.2022

**Part – 1: Preliminary Information**

<b>Name of the Department</b>	:	Science and Humanities
<b>Address of the Institute</b>	:	GCE, Salem
<b>Date and time of visit</b>	:	24.10.2022
<b>Members of the Audit Committee</b>		<b>Signature</b>
1. Dr.C.Dhavamani, Professor and Head, Department of Aeronautical Engineering Mahendra Engineering College, Namakkal, Tamil Nadu- 637503.	:	
2. Dr. P. Suresh Professor & Head Department of Mechatronics Engineering Sona College of Tech, Salem	:	

**Part – 2: Academics Information**

<b>Metric No</b>	<b>Description</b>	<b>Yes/ No</b>
	<b>Criteria 1 Curricular Aspects</b>	
<b>1.1 Curriculum Design and Development</b>	<b>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</b>	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	



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	<ul style="list-style-type: none"> <li>➤ Syllabi book for 2018 and 2022 Regulations</li> <li>➤ Circular and Action taken report for Department level Committee, Program Advisory Committee and Board of Studies Minutes</li> </ul>		
	<p><b>1.1.2 The programmes focus on employability/ entrepreneurship/ skill development and their course syllabi are adequately revised to incorporate contemporary requirements</b></p> <ul style="list-style-type: none"> <li>➤ R2018 &amp; R2022 – Course categorization &amp; Comparison charts</li> </ul>	Yes	
<b>1.2 Academic Flexibility</b>	<p><b>1.2.1 New courses introduced out of the total number of courses</b></p> <ul style="list-style-type: none"> <li>➤ List of new courses with syllabi for R2018</li> </ul>	Yes	
	<ul style="list-style-type: none"> <li>➤ Minutes of Board of Studies meeting clearly specifying the syllabus approval of new courses (R2018)</li> </ul>		
<b>1.3 Curriculum Enrichment</b>	<p><b>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</b></p> <ul style="list-style-type: none"> <li>➤ List of courses for Human Values, Gender, and Professional Ethics with Syllabus</li> <li>➤ List of courses for Environment and Sustainability with Syllabus</li> <li>➤ List of faculty members attending the course “Universal human values”</li> </ul>	Yes	
	<p><b>1.3.2 Number of certificate/value added courses/Diploma Programmes offered by the institutions and online courses of MOOCs, SWAYAM/e-PG Pathshala/ NPTEL and other recognized platforms</b></p> <ul style="list-style-type: none"> <li>➤ List of students and the attendance sheet for the above mentioned programs</li> <li>➤ Programme brochure/notice for Value added programs</li> <li>➤ Evidence of course completion</li> </ul>	Yes	
	<p><b>1.3.3 Does the programme have components of field projects / research projects / internships</b></p> <ul style="list-style-type: none"> <li>➤ Evaluated sample project report (5) – UG &amp; PG</li> <li>➤ Internship completion letter – UG &amp; PG</li> </ul>	Yes	
<b>1.4 Feedback System</b>	<p><b>Structured feedback for curriculum and its transaction is regularly obtained from stakeholders</b></p>	Yes	



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	<p><b>like Students, Teachers, Employers, Alumni, Academic peers etc.,</b></p> <ul style="list-style-type: none"> <li>➤ Collections of feedback forms – Students, Faculty, Parent, Employer, Alumni, Exit Survey</li> <li>➤ Feedback analysis report</li> <li>➤ Action taken report on the feedback analysis</li> <li>➤ Circular and Action taken report for Department level Committee, Program Advisory Committee and Board of Studies Minutes</li> </ul>							
<b>Criteria 2 Teaching-learning and Evaluation</b>								
<p><b>2.1 Catering to Student Diversity</b></p>	<p><b>2.1.1 The department assesses the learning levels of the students and organises special Programmes to cater to differential learning needs of the student</b></p> <ul style="list-style-type: none"> <li>➤ Remedial Classes Schedule</li> <li>➤ Class Committee Circulars and Minutes</li> <li>➤ Mentor – Mentee Files</li> <li>➤ Placement Courses offered for slow learners</li> <li>➤ Regulation R2018 - Fast track System.</li> <li>➤ NPTEL Courses Registration and certificates</li> <li>➤ GATE/CAT Programs</li> </ul>	Yes						
	<p><b>2.1.2 Student - Full time teacher ratio</b></p> <table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>No of students</td> <td><b>409</b></td> </tr> <tr> <td>Number of full time teachers</td> <td><b>21</b></td> </tr> </table> <ul style="list-style-type: none"> <li>➤ List showing the number of students in each of the programs</li> </ul>	Year	2021-22	No of students	<b>409</b>	Number of full time teachers	<b>21</b>	Yes
	Year	2021-22						
	No of students	<b>409</b>						
	Number of full time teachers	<b>21</b>						
	<p><b>2.2 Teaching-Learning Process</b></p> <p><b>2.2.1 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</b></p> <ul style="list-style-type: none"> <li>➤ Experiential learning – Sample Internship letter, Naan Mudhalvan courses, Sample Industrial Project, if any Industrial Visit Reports</li> <li>➤ Participative learning – Technical Seminar for M.E: Circular and other supporting documents</li> </ul>	Yes						



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	<p>Learning through various social activities and technical association events: Invitation, Schedule, Attendance sheet and Report with Photographs</p> <ul style="list-style-type: none"> <li>➤ Problem solving methodologies – Sample Assignments, Tutorials, Mini Project, Project work Report</li> <li>➤ SWAYAM/NPTEL Courses</li> </ul>					
	<p><b>2.2.2 The department adopts effective Mentor-Mentee Schemes to address academics and student psychological issues</b></p> <ul style="list-style-type: none"> <li>➤ List of Active mentors</li> <li>➤ Mentor allocation circulars</li> <li>➤ Mentor Student Mapping</li> <li>➤ Sample Counselling Forms</li> </ul>	Yes				
	<p><b>2.2.3 Preparation and adherence of Academic Calendar and Teaching plans by the institution</b></p> <ul style="list-style-type: none"> <li>➤ Academic Calendar</li> <li>➤ Teaching Plan</li> </ul>	Yes				
<b>2.3 Student Performance and Learning Outcomes</b>	<p><b>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 institution</b></p> <ul style="list-style-type: none"> <li>➤ Course File for each course</li> <li>➤ Overall CO-PO &amp; PSO Attainment with Action Taken Report</li> <li>➤ Project Review Evaluation with Rubric</li> <li>➤ Exit Survey sample forms</li> </ul>	Yes				
<b>Criteria 3 Research, Innovations and Extension</b>						
<b>3.1 Promotion of Research and Facilities</b>	<p><b>3.1.1 Amount of seed money provided by institution to its teachers for research.</b></p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tbody> <tr> <td align="center">Year</td> <td align="center">2021-22</td> </tr> <tr> <td align="center">Amount (INR in Lakhs)</td> <td align="center">-</td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>➤ List of faculty who have been provided with seed money for research along with the title of the project, duration and amount year-wise</li> <li>➤ Audited Income-Expenditure statement</li> </ul>	Year	2021-22	Amount (INR in Lakhs)	-	No
Year	2021-22					
Amount (INR in Lakhs)	-					



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	<p><b>3.1.2 Teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research</b></p> <table border="1" data-bbox="496 439 1238 517"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Total number of teacher</td> <td>-</td> </tr> </table>	Year	2021-22	Total number of teacher	-	No
Year	2021-22					
Total number of teacher	-					
<p><b>3.2 Resource Mobilization for Research</b></p>	<p><b>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</b></p> <table border="1" data-bbox="496 752 1238 831"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Amount (INR in Lakhs)</td> <td>-</td> </tr> </table> <p>➤ List of Extramural funding received for research, Endowment Research Chairs received</p>	Year	2021-22	Amount (INR in Lakhs)	-	No
	Year	2021-22				
	Amount (INR in Lakhs)	-				
<p><b>3.2.2 Number of research projects per teacher funded by government, non-government, industry, corporate houses, international bodies</b></p> <table border="1" data-bbox="496 1066 1238 1155"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Number of research projects per teacher</td> <td>-</td> </tr> </table>	Year	2021-22	Number of research projects per teacher	-	No	
Year	2021-22					
Number of research projects per teacher	-					
<p><b>3.2.3 Number of teachers recognised as research guides</b></p> <table border="1" data-bbox="496 1267 1238 1346"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Recognised as research guides</td> <td>3</td> </tr> </table>	Year	2021-22	Recognised as research guides	3	Yes	
Year	2021-22					
Recognised as research guides	3					
<p><b>3.3 Research Publications and Awards</b></p>	<p><b>3.3.1 List of candidates registered for Ph.D per teacher</b></p> <table border="1" data-bbox="496 1447 1238 1525"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Total Number of Candidate</td> <td>5</td> </tr> </table>	Year	2021-22	Total Number of Candidate	5	Yes
	Year	2021-22				
	Total Number of Candidate	5				
<p><b>3.3.2 List of research papers in the Journals notified on UGC CARE list</b></p> <table border="1" data-bbox="496 1615 1238 1693"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Total Number of Research paper</td> <td>8</td> </tr> </table>	Year	2021-22	Total Number of Research paper	8	Yes	
Year	2021-22					
Total Number of Research paper	8					
<p>➤ Copies of Full paper (with author and affiliation details)</p> <p><b>3.3.3 Total Number of books and chapters in edited volumes published</b></p> <table border="1" data-bbox="496 1895 1238 1973"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Total Number of Books/Chapters</td> <td>-</td> </tr> </table>	Year	2021-22	Total Number of Books/Chapters	-	No	
Year	2021-22					
Total Number of Books/Chapters	-					





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	<ul style="list-style-type: none"> <li>➤ Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters</li> </ul>					
<b>3.4 Consultancy</b>	<b>Revenue generated from consultancy and corporate training</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Year</td> <td style="text-align: center;">2021-22</td> </tr> <tr> <td style="text-align: center;">Amount (INR in Lakhs)</td> <td style="text-align: center;">-</td> </tr> </table>	Year	2021-22	Amount (INR in Lakhs)	-	No
Year	2021-22					
Amount (INR in Lakhs)	-					
<b>3.5 Collaboration</b>	<b>Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Year</td> <td style="text-align: center;">2021-22</td> </tr> <tr> <td style="text-align: center;">Total Number of MoUs</td> <td style="text-align: center;">-</td> </tr> </table> <ul style="list-style-type: none"> <li>➤ Copies of documents indicating the functional MoUs</li> <li>➤ List of year wise activities with report</li> </ul>	Year	2021-22	Total Number of MoUs	-	No
Year	2021-22					
Total Number of MoUs	-					
<b>Criteria 4 Infrastructure and Learning Resources</b>						
<b>4.1 Physical Facilities</b>	<b>Adequate infrastructure and other facilities</b> <ul style="list-style-type: none"> <li>➤ Details of Interactive Display &amp; Smart Board</li> <li>➤ Details of Classrooms, Laboratory and list of equipment including lab manual, Number of Computers available, list of software used for students               <ol style="list-style-type: none"> <li>1. Classrooms – 6</li> <li>2. Laboratory-3</li> <li>3. Computer - 10</li> </ol> </li> </ul>	Yes				
<b>Criteria 5 Student Support and Progression</b>						
<b>5.1 Student Support</b>	<b>5.1.1 Efforts taken by the institution to provide career counselling including e-counselling and guidance for competitive examinations</b> <ul style="list-style-type: none"> <li>➤ Details of programmes like Career guidance programme, Placement Training</li> <li>➤ Reports with Photograph</li> </ul>	Yes				
	<b>5.1.2 Capacity development and skills enhancement activities are organised for improving students' capability</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Year</td> <td style="text-align: center;">2021-22</td> </tr> <tr> <td style="text-align: center;">Total Number of Program</td> <td style="text-align: center;">-</td> </tr> </table>	Year	2021-22	Total Number of Program	-	No
Year	2021-22					
Total Number of Program	-					



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	➤ Report with Photographs on programmes conducted for awareness of trends					
<b>5.2 Student Participation and Activities</b>	<b>Presence of an active Student Council &amp; representation of students on academic &amp; administrative bodies/committees of the institution.</b>	Yes				
	➤ Technical Symposium	No				
	➤ Class committee meeting	Yes				
	➤ BOS minutes	Yes				
	➤ BOG Sub committees circulars and Minutes (Student Representation)	Yes				
<b>Criteria 6 Governance, Leadership and Management</b>						
<b>6.1 Faculty Empowerment Strategies</b>	<b>6.1.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies</b>	No				
	<table border="1"> <tr> <td>Year</td> <td>2021-22</td> </tr> <tr> <td>Total Number of Teacher</td> <td>-</td> </tr> </table>		Year	2021-22	Total Number of Teacher	-
	Year	2021-22				
	Total Number of Teacher	-				
<b>6.1.2 Number of Teachers who have undergone online/ face-to-face Faculty Development Programmes (FDP)/ Management Development Programs (MDP)</b>	Yes					
<table border="1"> <tr> <td>Year</td> <td>2021-22</td> <td>2022-23</td> </tr> <tr> <td>Total Number of Teacher</td> <td>14</td> <td>3</td> </tr> </table>		Year	2021-22	2022-23	Total Number of Teacher	14
Year	2021-22	2022-23				
Total Number of Teacher	14	3				
	➤ List of Faculty attended FDP/MDP					

**Overall Comments if any:**

- Department has well-defined curriculum framework.
- Course content can also be included when remedial class is scheduled
- Faculties are encouraged to take steps for research funding
- An initiative for generating revenue through consultancy is needed
- Steps may be taken to get MOUs with industries.

**IQAC Chairperson**

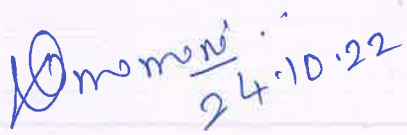
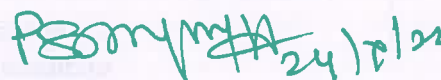


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**EXTERNAL AUDIT REPORT 2021-22**

24.10.2022

**Part – 1: Preliminary Information**

<b>Name of the Department</b>	:	Clubs
<b>Address of the Institute</b>	:	GCE, Salem
<b>Date and time of visit</b>	:	24.10.2022
<b>Members of the Audit Committee</b>	:	<b>Signature</b>
1. Dr.C.Dhavamani, Professor and Head, Department of Aeronautical Engineering Mahendra Engineering College, Namakkal, Tamil Nadu- 637503.	:	 24.10.22
2. Dr. P. Suresh Professor & Head Department of Mechatronics Engineering Sona College of Tech, Salem	:	 24/10/22

**Part – 2: Academics Information**

	Description	Yes/ No				
	<b>Extension Activities</b>					
<b>NCC</b>	<b>Number of extension and outreach programs conducted by the institution</b> <table border="1" style="margin-left: 20px;"><tr><td style="text-align: center;">Year</td><td style="text-align: center;">2021-22</td></tr><tr><td style="text-align: center;">Total number Program Conducted</td><td style="text-align: center;">6</td></tr></table> <ul style="list-style-type: none"><li>➤ Circular copy</li><li>➤ List of Students with attendance</li><li>➤ Geotagged Photos</li><li>➤ Report of the program</li></ul>	Year	2021-22	Total number Program Conducted	6	Yes
Year	2021-22					
Total number Program Conducted	6					



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<b>NSS</b>	<b>Number of extension and outreach programs conducted by the institution</b> <table border="1"><tr><td>Year</td><td>2021-22</td></tr><tr><td>Total number Program Conducted</td><td>7</td></tr></table>	Year	2021-22	Total number Program Conducted	7	Yes
Year	2021-22					
Total number Program Conducted	7					
<b>Rotary Club</b>	<b>Number of extension and outreach programs conducted by the institution</b> <table border="1"><tr><td>Year</td><td>2021-22</td></tr><tr><td>Total number Program Conducted</td><td>-</td></tr></table>	Year	2021-22	Total number Program Conducted	-	No
Year	2021-22					
Total number Program Conducted	-					
<b>Leo Club</b>	<b>Number of extension and outreach programs conducted by the institution</b> <table border="1"><tr><td>Year</td><td>2021-22</td></tr><tr><td>Total number Program Conducted</td><td>2</td></tr></table>	Year	2021-22	Total number Program Conducted	2	Yes
Year	2021-22					
Total number Program Conducted	2					
<b>Environmental Club and Green Campus</b>	<b>Number of extension and outreach programs conducted by the institution</b> <table border="1"><tr><td>Year</td><td>2021-22</td></tr><tr><td>Total number Program Conducted</td><td>-</td></tr></table>	Year	2021-22	Total number Program Conducted	-	No
Year	2021-22					
Total number Program Conducted	-					
<b>Standard Club</b>	<b>Number of extension and outreach programs conducted by the institution</b> <table border="1"><tr><td>Year</td><td>2021-22</td></tr><tr><td>Total number Program Conducted</td><td>2</td></tr></table>	Year	2021-22	Total number Program Conducted	2	Yes
Year	2021-22					
Total number Program Conducted	2					



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<b>Youth Red Cross</b>	<b>Number of extension and outreach programs conducted by the institution</b> <table border="1"><tr><td>Year</td><td>2021-22</td></tr><tr><td>Total number Program Conducted</td><td>-</td></tr></table>	Year	2021-22	Total number Program Conducted	-	No
Year	2021-22					
Total number Program Conducted	-					
<b>Tamil Literary Association</b>	<b>Number of extension and outreach programs conducted by the institution</b> <table border="1"><tr><td>Year</td><td>2021-22</td></tr><tr><td>Total number Program Conducted</td><td>-</td></tr></table>	Year	2021-22	Total number Program Conducted	-	No
Year	2021-22					
Total number Program Conducted	-					
<b>English Literary Association</b>	<b>Number of extension and outreach programs conducted by the institution</b> <table border="1"><tr><td>Year</td><td>2021-22</td></tr><tr><td>Total number Program Conducted</td><td>1</td></tr></table>	Year	2021-22	Total number Program Conducted	1	Yes
Year	2021-22					
Total number Program Conducted	1					
<b>Students Union (Dance, Music and Arts Club)</b>	<b>Number of extension and outreach programs conducted by the institution</b> <table border="1"><tr><td>Year</td><td>2021-22</td></tr><tr><td>Total number Program Conducted</td><td>-</td></tr></table>	Year	2021-22	Total number Program Conducted	-	No
Year	2021-22					
Total number Program Conducted	-					
<b>Women Empowerment Cell</b>	<b>Number of extension and outreach programs conducted by the institution</b> <table border="1"><tr><td>Year</td><td>2021-22</td></tr><tr><td>Total number Program Conducted</td><td>1</td></tr></table>	Year	2021-22	Total number Program Conducted	1	Yes
Year	2021-22					
Total number Program Conducted	1					



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<b>SCIENCE ASSOCIATION</b>	<b>Number of extension and outreach programs conducted by the institution</b>	No	
	Year		2021-22
	Total number Program Conducted		-
<b>Sports Club</b>	<b>Number of extension and outreach programs conducted by the institution</b>	No	
	Year		2021-22
	Total number Program Conducted		-

**Overall Comments if any:**