MUTHAYAMMAL ENGINEERING COLLEGE

(An Autonomous Institution)

(Approved by AICTE, New Delhi, Accredited by NAAC & Affiliated to Anna University)

Rasipuram - 637 408, Namakkal Dist., Tamil Nadu

IQAC

DESIGNING YOUR FUTURE
Estd. 2000

INTERNAL QUALITY ASSURANCE CELL

Report on Academic Audit & Action Taken

Academic Year: (2021-22)

ACADEMIC AUDIT (2021-22) - ODD & EVEN SEMESTER

Introduction

The Academic Audit was conducted on 05.11.2022 and 12.11.2022 for the Academic Year (2021-22). The Audit was conducted to provide an opportunity for a regular Strategic Review of Teaching and Learning activities of the Departments. The self evaluation document was presented by the Heads of Department to the Auditor. The Auditor has gone through the documents provided by the Departments and verified based on the Standard Check List (Questionnaires). The Consolidated Report was prepared based on the findings of the Auditor, the Suggestions for Improvement and Action Taken Report is given in the following sections.

1. **Dr.I.Thangaraj**
   ASP / EEE
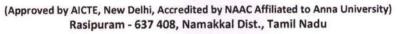   Government College of Engineering
   Bargur

2. **Dr.K.Vijayakumar**
   AP / EEE
   Indian Institute of Information Technology Design
   and Manufacturing
   Kancheepuram

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CENTRE FOR ACADEMIC AND ADMINISTRATIVE AUDIT

CIRCULAR

Date: 28.10.2022

Sub: External Academic Audit for the Academic Year (2021-22)

Time: 9.30 AM - 4.30 PM

The Schedule for the External Academic Audit and List of Auditors are given below

S.No.	Department	External Auditor	Date	Venue
1.	CSE & IT	Dr.I.Thangaraj ASP / EEE Government College of Engineering Bargur	05.11.2022	CSE Library
2.	ECE			ECE Library
3.	MBA & MCA			MBA Smart Classroom
4.	CIVIL	Dr.K.Vijayakumar AP / EEE Indian Institute of Information Technology Design and Manufacturing Kancheepuram		CAD Lab
5.	MECH			
6.	MZ & RA			
7.	BIOTECH&CHEM			IQAC
8.	EEE	Dr.I.Thangaraj ASP / EEE Government College of Engineering Bargur	12.11.2022	EEE Library
9.	BME&MDE			ECE Library
10.	AI&DS,CY			IQAC
11.	S&H			Physics Lab

All the Heads of the Departments are requested to keep the documents ready for the External Audit.

Coordinator IQAC

IQAC COORDINATOR
MUTHAYAMMAL ENGINEERING COLLEGE
(AUTONOMOUS)
RASIPURAM-637 408, NAMAKKAL Dist.
TAMILNADU.

Chairperson IQAC

PRINCIPAL,
MUTHAYAMMAL ENGINEERING COLLEGE
(AUTONOMOUS)
RASIPURAM-637 408, NAMKKAL Dist
TAMILNADU

List of Files to be Audited

S. No.	Parameters
1.	Vision and Mission of the Department, Academic Calendar AY *(2021-22)*
2.	Board of Studies - Minutes, Regulations, Curriculum and Syllabus for Regulation *(2016R, 2019R and 2021R)*
3.	Curriculum Enrichment in Regulations *(2016R and 2019R)*
4.	Department Budget File
5.	Department Circular & Faculty Meeting Minutes
6.	Department Library (B*ook List, Students and Faculty Accession Record)*
7.	Industry Linked Laboratories and Augmented Facilities
8.	Centre of Excellence and Activities
9.	Programmes Organized in the Dept. - Proplan,Protech & Procentre *(Please verify No. of Programmes Organized with Proof)*
10.	Professional Society Activities
11.	Extension and Outreach Activities 1. NSS/YRC 2. Clubs/Cells 3. Societal Activities
12.	Department News Letter, Magazine, etc., AY (2021-22)
13.	Students Admission and Scholarship
14.	Students Bio-Data
15.	Students Attendance *(Please verify the Master Attendance)*
16.	Continuous Internal Assessment Test Analysis
17.	Remedial Classes AY (2021-22)
18.	End Semester Examinations-Result Analysis and Performance
19.	Student Participation (Co-Curricular & Extracurricular) *(Please verify No. of Participation with Proof-SACT)*
20.	Awards and Prizes won by Students
21.	Journal Publication by Students
22.	Value Addition/Skill Development Courses(VASD) *(Please verify Certificates and Reports)*
23.	Internships/Field Projects/In plant Trainings/Industrial Visits *(Please verify Certificates and Reports)*
24.	Online Certification Courses (NPTEL, Coursera,Udemy, etc.,) *(Please verify Certificate for Students and Faculty)*
25.	Placement, Career Guidance, Higher Studies and Entrepreneurship *(Please verify No. of Placements, Higher Studies like GATE, GRE,*

	TOEFL Score, etc., and Entrepreneur List)
26.	Record of Student Counseling/ Mentoring *(Please verify the Document and Comment)*
27.	Department Class Committee/ Course Committee Meeting
28.	Feedback on Curriculum Enrichment *(Feedback from all Stack Holders)*
29.	Students Feedback on Faculty and Facilities
30.	Parents Meeting and Feedback *(Please verify the Proof)*
31.	Alumni Interaction Details *(Please verify Alumni Lecture and Alumni Mentoring support.etc.,)*
32.	Record of Teaching Faculty Profile
33.	Record of Non-Teaching Staff Profile
34.	Course file (Theory) *(Please verify as per the Check List)*
35.	Course file (Laboratory) *(Please verify as per the Check List)*
36.	Research Paper Publications (National/ International Conference and Journal) *(Please verify No. of Publications and Quality of Publication)*
37.	MoU's and Activities
38.	Record of Consultancy Activities
39.	Patent Filed/Published/Granted *(Please verify the details with proof)*
40.	Projects / Research Proposals for Funding- Details
41.	Books and Chapters
42.	Faculty Participation in Seminars, FDPs and Workshops, etc., *(Please verify as per SAFE Check List)*
43.	Faculty Awards and Recognitions *(Please verify No. of Awards)*
44.	Guest Lectures delivered by Faculty (Internal and External) *(Please verify the Proof)*
45.	Faculty Visit to Industries for Collaboration *(Please verify list with Proof-FVI)*
46.	Faculty Interaction with IIT/NIT/AU/Reputed Institute Professors *(Please verify list with Proof-FVI)*
47.	Faculty Performance Appraisal and Faculty Development System
48.	Department Academic Audit Report and Action Taken for Previous Year
49.	Innovative Practice introduced for betterment
50.	Department Future Plan *(AY(2022-23))*

1. Overall Assessment:

- Files are maintained and documented uniformly in all department
- More number of student activities are conducted as per ProPlan (Program for Students)
- Students Activities Credit Target (SACT) has improved the students participation
- Students Internships, Inplant Training and Industrial Visits are less
- Faculty Interaction with Industry/Academia is not satisfactory
- Patents are filed/published by the Faculty Members
- NPTEL Certifications are received by both Faculty and Students
- Consultancy activities are available in few departments
- Faculty publications in reputed journals are less
- Awards and Recognitions, Books/Chapters are minimum

2. Suggestion:

- Department should identify industries for students Internships, Inplant Training and Industrial Visits
- All faculty should be encouraged for research fundings and publications in reputed journals
- Student Awards and Recognitions need to be increased
- Conduct academic and outreach activities as per NEP 2020
- Teaching – Learning can be improved by using more No. of ICT tools
- Value Added/Skill Development Courses should focus on industry requirements
- Industry Linked Laboratories should be planned for all departments
- Consultancy activities need to be done in all departments
- MoU's should focus with outcomes

Action Taken:

- Teaching – Learning has enhanced through TASTE, MuDiL, Technology Learning Group -50 Groups (TLeG)and Must Know Concepts Learning (MKC)

- Identified industries for students Internships, Inplant Training and Industrial Visits

- Faculty Visit to Industries/Institutions and Faculty Guest Talks are Improved

- Faculty contribution in academic activities like Publications, participation in Workshops/Seminars/FDP's, Funding Proposals, Awards and Recognitions, Patent Filing and Books/Chapters are enhanced

- Consultancy Projects are received from Industries

- Additional Industry Linked Laboratories are initiated

- Academic and Outreach activities are conducted with respect to NEP 2020

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