APJ Abdul Kalam Technological University
CET Campus, Thiruvananthapuram
Kerala -695016
India

Academic Audit Report
2022 - 2023

Basic Details

Institution	**MEA ENGINEERING COLLEGE, PERINTHALMANNA**
First Auditor Name	**Dr Gopakumar A**
Second Auditor Name	**Rachana M K**
Visit	**First**
Semester Type	**Odd**

College Specific Assessments

Key Aspects	Rating	Auditor Remarks	Principal's Response
Compliance to the Academic Calendar of KTU (A)	Excellent(5)	Saturdays are working days	
Functioning of students grievances and appeal committee (A)	Excellent(5)		
Functioning of Academic Discipline Welfare committee (A)	Good(4)		
Average student to faculty ratio (A)	Excellent(5)	1.290	
Faculty Retention (A)	Excellent(5)		
Faculty Qualification Index (A)	Good(4)	6.14	
Number of qualified technical staff (A)	Good(4)		

Facility of central library with respect to volume and title of books, online print journals (A)	Fair(3)	Total Number of books - 19228 Tites -7560. IEEE ASPP active. Delnet - Not active JGATE-Yet to be renewed JGATE	Will be activated and renewed
Functioning of IQAC and Progress of IQAC report uploading (A)	Excellent(5)		
Institution Budget (A)	Fair(3)	Department allocations show a declining trend	Dept. fund is allocated and some funds are disbursed centrally. Included in Expenditure of Institutional budget.
Details of central computing facility (A)	Excellent(5)		
Principals response on previous audit reports (A)	Excellent(5)		

Student Interaction

Key Aspects	Rating	Auditor Remarks	Principal's Response
Syllabus coverage (B)	Excellent(5)		
Lab Facility and conduct of Labs (B)	Excellent(5)		
Co-curricular facility (B)	Good(4)		
Extra-curricular facility (B)	Excellent(5)		
Transferring all intimation from University in time (B)	Excellent(5)		
Approach of the management in addressing student grievance (B)	Good(4)		
Availability of Faculty for all subjects (A)	Excellent(5)		
Any other remarks (C)	Not Relevant	Students demands/ remarks during the interaction are as follows 1.Semester break is needed 2.Special leave for doing internship may be provided 3.In the comprehensive examination of S6 marks for internal evaluations should be included in the curriculum. 4. Supplementary exam registration opens before the publication of revaluation results. This situation should be avoided. 5. Pending refunds of revaluation may be released promptly. 6. In the event of grade change after revaluation, the revaluation fee should be refunded. 7. Minimum two days gap may be provided in between examinations	

Key Aspects	Rating	Auditor Remarks	Principal's Response
Extra fees/fine imposed on students (B)	Not Relevant	Nil	

MECHANICAL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Placement Status	Poor(2)		Majority, IT companies are visiting the campus.
Class/course committee meetings and action taken report (B)	Good(4)		
Advisory meetings and action taken report (B)	Good(4)		
Syllabus coverage as per course plan (B)	Excellent(5)		
Conduct of Tutorial Classes (B)	Good(4)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Conduct of practical courses (B)	Good(4)		
Evaluation of students performance in practical classes (A):	Good(4)		
Facility to do experiments in the lab (A)	Excellent(5)		
Conduct of remedial/minor/honours classes (B)	Fair(3)	Minor courses -Nil Honous-Nil Scheduled remedial classes after series test	Some of the S3 students are undergoing minor courses. Remedial classes started after First series test
Maintenance of course diary (A)	Excellent(5)		
Assessment of Outcomes (A)	Good(4)		
Faculty evaluation amp remarks of the HoD (A)	Good(4)		

Key Aspects	Rating	Auditor Remarks	Principal's Response
Conduct of Seminar, Project and Thesis (A)	Good(4)	Seminar sessions are yet to start. Maintains project diary.	
Computing facility in the department (A)	Excellent(5)		
Facility for co-curricular and extracurricular activities (B)	Good(4)		
Students attending MOOC or other online courses (B)	Good(4)		
Maintenance of A1, A2 and A3 files.	Good(4)		
Maintenance of B files.	Good(4)		
Maintenance of C and D files.	Good(4)		

ELECTRICAL AND ELECTRONICS ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Placement Status	Poor(2)		Majority, IT companies are visiting the campus.
Class/course committee meetings and action taken report (B)	Good(4)		
Advisory meetings and action taken report (B)	Good(4)		
Syllabus coverage as per course plan (B)	Excellent(5)		
Conduct of Tutorial Classes (B)	Good(4)		
Evaluation of Answer Scripts (A):	Good(4)		
Conduct of practical courses (B)	Good(4)		
Evaluation of students performance in practical classes (A):	Good(4)		
Facility to do experiments in the lab (A)	Good(4)		

Key Aspects	Rating	Auditor Remarks	Principal's Response
Conduct of remedial/minor/honours classes (B)	Fair(3)	Participation of students in minor programmes is less. No Honours courses offered.	Measures to improve participation is in progress. Expecting more students in upcoming years to come.
Maintenance of course diary (A)	Good(4)		
Assessment of Outcomes (A)	Good(4)		
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)	100% student participation in faculty evaluation	
Conduct of Seminar, Project and Thesis (A)	Good(4)		
Computing facility in the department (A)	Good(4)		
Facility for co-curricular and extracurricular activities (B)	Good(4)		
Students attending MOOC or other online courses (B)	Poor(2)	No student attended MOOC course. Needs improvement.	Measures to improve participation is in progress. Expecting more students in skill based MOOC courses in forth-coming semesters.
Maintenance of A1, A2 and A3 files.	Good(4)		
Maintenance of B files.	Good(4)		
Maintenance of C and D files.	Good(4)		

COMPUTER SCIENCE & ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Placement Status	Excellent(5)		
Class/course committee meetings and action taken report (B)	Good(4)		
Advisory meetings and action taken report (B)	Good(4)		
Syllabus coverage as per course plan (B)	Excellent(5)		

Conduct of Tutorial Classes (B)	Good(4)		
Evaluation of Answer Scripts (A):	Good(4)		
Conduct of practical courses (B)	Good(4)		
Evaluation of students performance in practical classes (A):	Excellent(5)		
Facility to do experiments in the lab (A)	Excellent(5)		
Conduct of remedial/minor/honours classes (B)	Good(4)	58 S3 students registered for Minor	
Maintenance of course diary (A)	Good(4)		
Assessment of Outcomes (A)	Good(4)		
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Project and Thesis (A)	Good(4)		
Computing facility in the department (A)	Excellent(5)		
Facility for co-curricular and extracurricular activities (B)	Good(4)		
Students attending MOOC or other online courses (B)	Good(4)		
Maintenance of A1, A2 and A3 files.	Good(4)		
Maintenance of B files.	Good(4)		
Maintenance of C and D files.	Good(4)		

Artificial Intelligence and Data Science-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Placement Status	Not Relevant		

Class/course committee meetings and action taken report (B)	Good(4)		
Advisory meetings and action taken report (B)	Good(4)		
Syllabus coverage as per course plan (B)	Excellent(5)		
Conduct of Tutorial Classes (B)	Excellent(5)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Conduct of practical courses (B)	Excellent(5)		
Evaluation of students performance in practical classes (A):	Good(4)		
Facility to do experiments in the lab (A)	Excellent(5)		
Conduct of remedial/minor/honours classes (B)	Good(4)		
Maintenance of course diary (A)	Good(4)		
Assessment of Outcomes (A)	Not Relevant		
Faculty evaluation amp remarks of the HoD (A)	Good(4)		
Conduct of Seminar, Project and Thesis (A)	Not Relevant		
Computing facility in the department (A)	Good(4)		
Facility for co-curricular and extracurricular activities (B)	Good(4)		
Students attending MOOC or other online courses (B)	Excellent(5)	All S3 students registered for NPTEL course 'Joy of computing'	
Maintenance of A1, A2 and A3 files.	Good(4)		

Key Aspects	Rating	Auditor Remarks	Principal's Response
Maintenance of B files.	Good(4)		
Maintenance of C and D files.	Good(4)		

INFORMATION TECHNOLOGY-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Placement Status	Excellent(5)		
Class/course committee meetings and action taken report (B)	Good(4)		
Advisory meetings and action taken report (B)	Good(4)		
Syllabus coverage as per course plan (B)	Excellent(5)		
Conduct of Tutorial Classes (B)	Good(4)		
Evaluation of Answer Scripts (A):	Good(4)		
Conduct of practical courses (B)	Excellent(5)		
Evaluation of students performance in practical classes (A):	Good(4)		
Facility to do experiments in the lab (A)	Good(4)		
Conduct of remedial/minor/honours classes (B)	Good(4)		
Maintenance of course diary (A)	Good(4)		
Assessment of Outcomes (A)	Good(4)		
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)	100% student participation in faculty evaluation	
Conduct of Seminar, Project and Thesis (A)	Good(4)		

Key Aspects	Rating	Auditor Remarks	Principal's Response
Computing facility in the department (A)	Good(4)		
Facility for co-curricular and extracurricular activities (B)	Fair(3)	Can be improved	Dept. Association programs will be conducted during forth-coming semesters.
Students attending MOOC or other online courses (B)	Excellent(5)		
Maintenance of A1, A2 and A3 files.	Good(4)		
Maintenance of B files.	Good(4)		
Maintenance of C and D files.	Good(4)		

ELECTRONICS & COMMUNICATION ENGG-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Placement Status	Good(4)	9 out of 17 students were placed	
Class/course committee meetings and action taken report (B)	Good(4)		
Advisory meetings and action taken report (B)	Good(4)		
Syllabus coverage as per course plan (B)	Good(4)		
Conduct of Tutorial Classes (B)	Good(4)		
Evaluation of Answer Scripts (A):	Good(4)		
Conduct of practical courses (B)	Good(4)		
Evaluation of students performance in practical classes (A):	Good(4)		
Facility to do experiments in the lab (A)	Good(4)		

Conduct of remedial/minor/honours classes (B)	Fair(3)	Number of students registering for minor and honours courses may be improved	No students in Current S3 since the ECE course is closed.
Maintenance of course diary (A)	Good(4)		
Assessment of Outcomes (A)	Good(4)		
Faculty evaluation amp remarks of the HoD (A)	Good(4)		
Conduct of Seminar, Project and Thesis (A)	Good(4)		
Computing facility in the department (A)	Good(4)		
Facility for co-curricular and extracurricular activities (B)	Good(4)		
Students attending MOOC or other online courses (B)	Good(4)	28 students registered for MOOCS	
Maintenance of A1, A2 and A3 files.	Good(4)		
Maintenance of B files.	Good(4)		
Maintenance of C and D files.	Good(4)		

CIVIL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Placement Status	Very Poor(1)		Majority, IT companies are visiting the campus.
Class/course committee meetings and action taken report (B)	Excellent(5)		
Advisory meetings and action taken report (B)	Good(4)		
Syllabus coverage as per course plan (B)	Excellent(5)		
Conduct of Tutorial Classes (B)	Good(4)	Date inconsistency observed	Issue with AMS. Rectified now.

Evaluation of Answer Scripts (A):	Excellent(5)	2 sets of question papers are prepared for internal examinations of which One set selected by exam cell	
Conduct of practical courses (B)	Excellent(5)	>50% experiments completed	
Evaluation of students performance in practical classes (A):	Good(4)		
Facility to do experiments in the lab (A)	Good(4)	Some equipment purchase is in progress. 4 design software are available	Completed all purchases
Conduct of remedial/minor/honours classes (B)	Good(4)	Honours students- (S7)-1 (S5)-2 Minor course offered by CE dept-Nil	
Maintenance of course diary (A)	Excellent(5)		
Assessment of Outcomes (A)	Excellent(5)		
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Project and Thesis (A)	Good(4)		
Computing facility in the department (A)	Excellent(5)		
Facility for co-curricular and extracurricular activities (B)	Good(4)		
Students attending MOOC or other online courses (B)	Poor(2)	Number of MOOC registrations and certifications needs improvement	Follow-up actions to initiate registrations are in progress. Importance given to courses for improving the design and analysis based skills.
Maintenance of A1, A2 and A3 files.	Good(4)		
Maintenance of B files.	Good(4)		
Maintenance of C and D files.	Good(4)		

Robotics and Automation-(Full Time)

There are no admissions

ELECTRICAL AND ELECTRONICS ENGINEERING(POWER ELECTRONICS AND DRIVES)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Placement Status	Not Relevant		
Class/course committee meetings and action taken report (B)	Not Relevant		
Syllabus coverage as per course plan (B)	Not Relevant		
Evaluation of Answer Scripts (A):	Not Relevant		
Maintenance of course diary (A)	Not Relevant		
Faculty evaluation amp remarks of the HoD (A)	Not Relevant		
Facility in the department library for references (C)	Not Relevant		
Conduct of Seminar, Project and Thesis (A)	Not Relevant		
Faculty with Ph.D for the program (A)	Not Relevant		
Computing facility in the department (A)	Not Relevant		
Facility for co-curricular and extracurricular activities (B)	Not Relevant		
Students attending MOOC or other online courses (B)	Not Relevant		

COMPUTER SCIENCE AND ENGINEERING(COMPUTER SCIENCE AND ENGINEERING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Placement Status	Excellent(5)		

Class/course committee meetings and action taken report (B)	Good(4)		
Syllabus coverage as per course plan (B)	Good(4)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Maintenance of course diary (A)	Good(4)		
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Facility in the department library for references (C)	Fair(3)	274 Volumes	
Conduct of Seminar, Project and Thesis (A)	Good(4)		
Faculty with Ph.D for the program (A)	Excellent(5)		
Computing facility in the department (A)	Excellent(5)		
Facility for co-curricular and extracurricular activities (B)	Good(4)		
Students attending MOOC or other online courses (B)	Poor(2)	Needs to be improved	