



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

Academic Audit Report
2022 - 2023

Basic Details

Institution	KMEA ENGINEERING COLLEGE
First Auditor Name	Saju A
Second Auditor Name	Dr thankachan T Pullan
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 day	
Functioning of students grievances and appeal committee (A)	Excellent(5)		
Functioning of Academic Discipline Welfare committee (A)	Excellent(5)		
Average student to faculty ratio (A)	Excellent(5)	A = 1.164	
Faculty Retention (A)	Excellent(5)		
Faculty Qualification Index (A)	Good(4)	FQI=6.143	34 faculties are doing PhD
Number of qualified technical staff (A)	Excellent(5)	Total- 22 technical staff in which 18 are Diploma/PG	



Facility of central library with respect to volume and title of books, online print journals (A)	Excellent(5)		
Functioning of IQAC and Progress of IQAC report uploading (A)	Excellent(5)		
Institution Budget (A)	Excellent(5)		
Details of central computing facility (A)	Good(4)	More computing facility to be provided	120 systems are available in CCF
Principals response on previous audit reports (A)	Good(4)		Responses were given for key aspects which were not upto the level

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)	More activities can be planned	Many technical and innovative activities were conducted at department as well as college level.
Extra-curricular facility (B)	Good(4)	More activities can be planned	Ethnic day, first years day, Onam celebration, world cup curtain raiser, selection process for all sports event and its participation in various college, University level participation in all sports event. Our college was selected as the center for D-zone as well as state level Kabaddi competition. Our college were selected as the training center for South India Level Kabaddi Championship.
Transferring all intimation from University in time (B)	Excellent(5)		
Approach of the management in addressing student grievance (B)	Good(4)		Informed management about the need for more interaction with students regarding their grievances.
Availability of Faculty for all subjects (A)	Excellent(5)		
Any other remarks (C)	Not Relevant	Nil	
Extra fees/fine imposed on students (B)	Not Relevant	No extra fees or fine	

MECHANICAL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
-------------	--------	-----------------	----------------------



Placement Status	Good(4)	Number of placements- 20	More placement training will be provided to improve the placement count
Class/course committee meetings and action taken report (B)	Excellent(5)	Some signatures missing	Instructed to give correction
Advisory meetings and action taken report (B)	Excellent(5)		
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):	Excellent(5)		
Facility to do experiments in the lab (A)	Excellent(5)		
Conduct of remedial/minor/honours classes (B)	Good(4)	The present S5 minor students details were not available	Instructed to submit the file
Maintenance of course diary (A)	Excellent(5)		
Assessment of Outcomes (A)	Good(4)	Assessment report is available. Action taken details is not available	Action taken details will be included
Faculty evaluation and remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Project and Thesis (A)	Good(4)	Evaluation rubrics is not available	Instructed to do the evaluation as per the rubrics given by IQAC
Computing facility in the department (A)	Good(4)	More computing facility is preferred	CAD lab and CCF lab are available



Facility for co-curricular and extracurricular activities (B)	Good(4)	More number of activities can be planned	cultural, technical and sports activities were there. More activities can be included
Students attending MOOC or other online courses (B)	Good(4)	More students should attend MOOC/online courses	will motivate more students
Maintenance of A1, A2 and A3 files.	Good(4)		will be improved
Maintenance of B files.	Good(4)		will be improved
Maintenance of C and D files.	Good(4)		will be improved

ELECTRONICS & COMMUNICATION ENGG-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Placement Status	Good(4)	Number of students placed= 14	Placement training will be given to improve the placement count
Class/course committee meetings and action taken report (B)	Excellent(5)		
Advisory meetings and action taken report (B)	Excellent(5)		
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):	Excellent(5)		
Facility to do experiments in the lab (A)	Excellent(5)		
Conduct of remedial/minor/honours classes (B)	Excellent(5)		



Maintenance of course diary (A)	Excellent(5)		
Assessment of Outcomes (A)	Good(4)	Final attainment report is available. Action plan missing	Action taken details will be included
Faculty evaluation and remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Project and Thesis (A)	Excellent(5)		
Computing facility in the department (A)	Good(4)	More computing facility to be provided	Systems Lab and CCF facility is available
Facility for co-curricular and extracurricular activities (B)	Good(4)		cultural, technical and sports activities were there. More activities can be included
Students attending MOOC or other online courses (B)	Good(4)	More students should attend MOOC/online courses	will motivate more students
Maintenance of A1, A2 and A3 files.	Good(4)		will be improved
Maintenance of B files.	Good(4)		will be improved
Maintenance of C and D files.	Good(4)		will be improved

COMPUTER SCIENCE & ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Placement Status	Good(4)	Number of students placed- 26	Number of students placed- 30. Placement training will be given to improve the placement count
Class/course committee meetings and action taken report (B)	Excellent(5)		
Advisory meetings and action taken report (B)	Excellent(5)		
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):	Excellent(5)		
Facility to do experiments in the lab (A)	Excellent(5)		
Conduct of remedial/minor/honours classes (B)	Excellent(5)		
Maintenance of course diary (A)	Excellent(5)		
Assessment of Outcomes (A)	Excellent(5)	Assessment report is available. Action taken report not available	
Faculty evaluation and remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Project and Thesis (A)	Excellent(5)		
Computing facility in the department (A)	Excellent(5)		
Facility for co-curricular and extracurricular activities (B)	Good(4)	More number of activities can be planned	cultural, technical and sports activities were there. More activities can be included
Students attending MOOC or other online courses (B)	Good(4)	More computing facility to be provided	will motivate more students
Maintenance of A1, A2 and A3 files.	Good(4)		will be improved
Maintenance of B files.	Good(4)		will be improved
Maintenance of C and D files.	Good(4)		will be improved

ELECTRONICS & INSTRUMENTATION ENGINEERING-(Full Time)



Key Aspects	Rating	Auditor Remarks	Principal's Response
Placement Status	Poor(2)	The number of placements is 2	Intake of students is less than 10. We will try to improve the placement count
Class/course committee meetings and action taken report (B)	Good(4)	Only S7 students are there. No new intake of students	Even though we have only final year students in Electronics and Instrumentation department, Class/course committee meetings were conducted on time.
Advisory meetings and action taken report (B)	Excellent(5)		
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):	Excellent(5)		
Facility to do experiments in the lab (A)	Excellent(5)		
Conduct of remedial/minor/honours classes (B)	Good(4)	No minor/honors conducted	No students opted minor. Remedial hours are conducted properly
Maintenance of course diary (A)	Excellent(5)		
Assessment of Outcomes (A)	Good(4)	Assessment report is available. Action taken details are not available	Action taken details will be included
Faculty evaluation and remarks of the HoD (A)	Good(4)	Evaluation document available. Evaluation Remarks are not available	Evaluation Remarks after one to one interaction with faculty were included.

Conduct of Seminar, Project and Thesis (A)	Excellent(5)		
Computing facility in the department (A)	Good(4)	More computing facility to be provided	Enough are available for 14 students in final year
Facility for co-curricular and extra-curricular activities (B)	Good(4)	Less activities	cultural, technical and sports activities were there. More activities can be included
Students attending MOOC or other online courses (B)	Good(4)	More students should attend MOOC/online courses	will motivate more students
Maintenance of A1, A2 and A3 files.	Good(4)		will be improved
Maintenance of B files.	Good(4)		will be improved
Maintenance of C and D files	Good(4)		will be improved

ELECTRICAL AND ELECTRONICS ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Placement Status	Poor(2)	No. of placement=2	Placement training will be given to improve the placement count
Class/course committee meetings and action taken report (B)	Excellent(5)		
Advisory meetings and action taken report (B)	Excellent(5)		
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):	Excellent(5)		



Conduct of Seminar, Project and Thesis (A)	Excellent(5)		
Computing facility in the department (A)	Good(4)	More computing facility to be provided	Enough are available for 14 students in final year
Facility for co-curricular and extracurricular activities (B)	Good(4)	Less activities	cultural, technical and sports activities were there. More activities can be included
Students attending MOOC or other online courses (B)	Good(4)	More students should attend MOOC/online courses	will motivate more students
Maintenance of A1, A2 and A3 files	Good(4)		will be improved
Maintenance of B files.	Good(4)		will be improved
Maintenance of C and D files.	Good(4)		will be improved

ELECTRICAL AND ELECTRONICS ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Placement Status	Poor(2)	No. of placement=2	Placement training will be given to improve the placement count
Class/course committee meetings and action taken report (B)	Excellent(5)		
Advisory meetings and action taken report (B)	Excellent(5)		
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)	Excellent(5)		



Advisory meetings and action taken report (B)	Excellent(5)		
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):	Excellent(5)		
Facility to do experiments in the lab (A)	Excellent(5)		
Conduct of remedial/minor/honours classes (B)	Good(4)		
Maintenance of course diary (A)	Excellent(5)		
Assessment of Outcomes (A)	Good(4)		Action taken details will be included
Faculty evaluation and remarks of the HoD (A)	Good(4)		Interaction with faculty was already done. Documentation was lacking during the audit. It was submitted to auditors.
Conduct of Seminar, Project and Thesis (A)	Excellent(5)		
Computing facility in the department (A)	Good(4)	More computing facility to be provided	CAD lab and CCF facility is available
Facility for co-curricular and extracurricular activities (B)		More number of activities can be planned	Cultural, technical and sports activities were there. More activities can be included
Students attending MOOC or other online courses (B)	Excellent(5)	More students should attend MOOC/online courses	will motivate more students



Maintenance of A1, A2 and A3 files.	Good(4)		will be improved
Maintenance of B files	Good(4)		will be improved
Maintenance of C and D files	Good(4)		will be improved

ELECTRONICS AND COMMUNICATION ENGINEERING(Full Time)

There are no admissions

CIVIL ENGINEERING(COMPUTER AIDED STRUCTURAL ENGINEERING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Placement Status	Good(4)		training will be provided
Class/course committee meetings and action taken report (B)	Excellent(5)		
Syllabus coverage as per course plan (B)	Excellent(5)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Maintenance of course diary (A)	Excellent(5)		
Faculty evaluation and remarks of the HoD (A)	Excellent(5)		
Facility in the department library for references (C)	Excellent(5)		
Conduct of Seminar, Project and Thesis (A)	Excellent(5)		
Faculty with Ph.D for the program (A)	Excellent(5)	Ph.D holders - 3	
Computing facility in the department (A)	Good(4)	More computing facility to be provided	CAD lab and CCF facility is available
Facility for co-curricular and extra-curricular activities (B)	Good(4)	More number of activities can be planned	cultural, technical and sports activities were there. More activities can be included



Students attending MOOC or other online courses (B)	Good(4)	More students should attend MOOC/online courses.	will motivate more students
---	---------	--	-----------------------------

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

Key Aspects	Rating	Auditor Remarks	Principal's Response
Placement Status	Good(4)		Placement training will be given to improve the placement count
Class/course committee meetings and action taken report (B)	Excellent(5)		
Syllabus coverage as per course plan (B)	Excellent(5)		
Evaluation of Answer Scripts (A)	Excellent(5)		
Maintenance of course diary (A)	Excellent(5)		
Faculty evaluation and remarks of the HOD (A)	Good(4)	Evaluation remarks not available	Instructed to submit evaluation
Faculty in the department library for references (C)	Good(4)		
Conduct of Seminar, Project and Thesis (A)	Excellent(5)		
Faculty with Ph.D for the program (A)	Good(4)	PhD holders - 3	
Computing facility in the department (A)	Good(4)	More computing facility to be provided	will be provided
Facility for co-curricular and extracurricular activities (B)	Good(4)	More facilities can be planned	cultural, technical and sports activities were there. More activities can be included
Students attending MOOC or other online courses (B)	Good(4)	More students should attend MOOC/online courses	will motivate more students

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



Key Aspects	Rating	Auditor Remarks	Principal's Response
Placement Status	Good(4)		Placement training will be given to improve the placement count
Class/course committee meetings and action taken report (B)	Excellent(5)		
Syllabus coverage as per course plan (B)	Excellent(5)		
Evaluation of Answer Scripts (A)	Excellent(5)		
Maintenance of course diary (A)	Excellent(5)		
Faculty evaluation and remarks of the HoD (A)	Poor(2)	Not available	Instructed to submit feedback
Faculty in the department library for references (C)	Good(4)		
Conduct of Seminar Project and Thesis (A)	Excellent(5)		
Faculty with Ph D for the program (A)	Excellent(5)	PhD holders- 2	
Computing facility in the department (A)	Good(4)	More computing facility to be provided	Research facilities are available
Facility for co-curricular and extracurricular activities (B)	Good(4)	More facilities to be provided	cultural, technical and sports activities were there More activities can be included
Students attending MOOC or other online courses (B)	Good(4)	More students should attend MOOC/online courses	will motivate more students



PRINCIPAL
KMEA ENGINEERING COLLEGE
EDATHALA-683561