

# 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)	Anna	
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	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-IPUII IIIIIVI	MECHANICAL	ENGINEERING-(Full Time)	l
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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 beincluded
Faculty evaluation amp 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	s CAD lab and CCF lab are available

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Facility for co-curricular and extracurricular activities (B)	Good(4)	More number of activities can be planned	cultural, technical andsports activities were there. More activities can beincluded
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 begiven to improve theplacement 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)		(33±K)

Maintenance of course diary (A)	Excellent(5)		detaile willhe
	Good(4)	Final attainment report is available. Action plan missing	Action taken details willbe included
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Project and Thesis (A)	Excellent(5)		/222
Computing facility in the	Good(4)	More computing facility to be provided	Systems Lab and CCF facility isavailable
department (A) Facility for co-curricular and extracurricular activities (B)	Good(4)		cultural, technical andsportsactivities were there.Moreactivities can beincluded
Students attending MOOC or other online courses (B)		More students should attend MOOC/online courses	will motivate more student
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 begiven to improve theplacement count
Class/course committee neetings 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)		TON * KANES

Conduct of Tutorial Classes (B)	Excellent(5)		
- management and a con-	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 amp 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)	i Good(4)	More number of activities can be planned	cultural, technical andsportsactivities were there.Moreactivities 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.	10-0 100000		will be improved
Maintenance of B files.	Good(4)		will be improved
Maintenance of C and D	Good(4)		will be improved

ELECTRONICS & INSTRUMENTATION ENGINEERING-(Full Time)

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Key Aspects	Rating	Auditor Remarks	Intake of students is less
	Poor(2)	The number of placements is 2	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	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 amp remarks of the HoD (A)	Good(4)	Evaluation document available. Evaluation Remarks are not available	Evaluation Remarks after one to one interaction with le faculty were included.

Students attending MOOC   Good(4)   More students should   will motivate more students or other online courses (B)   attend MOOC/online   courses	Maintenance of A1, A2 and Good(4) will b	Computing facility in the department (A)  Facility for co-cumcular and extracurricular activities (B)  Students attending MOOC or other online courses (B)  Maintenance of A1, A2 and A3 files.  Maintenance of B files.	Good(4) Good(4) Good(4) Good(4)	More computing facility to be provided  Less activities  More students should attend MOOC/online courses
Good(4)	More computing facility to be provided  Less activities  More students should attend MODC/online courses	Project and Thesis (A)	(a)	
Less activities	Less activities  More students should attend MOOC/online courses		Good(4)	More computing facility to be provided
Less activities	Less activities  More students should attend MOOC/online courses			
	Good(4) More students should attend MODC/online courses	Facility for co-curricular and extracurricular activities (B)	Good(4)	Less activities
Maintenance of A1, A2 and Good(4) will be improved A3 files.		Maintenance of B files.	Good(4)	
	Good(4)	200	Good(4)	

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Key Aspects Rating Aug	Rating Poor(2)	Auditor Remarks  No. of placement=2
Class/course committee meetings and action taken report (B)	Excellent(5)	
Advisory meetings and action taken report (B)	Excellent(5)	
	Excellent(5)	
Conduct of Tutorial Classes Excellent(5) (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)	

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Maintenance of C and D files.	Maintenance of B files.	Maintenance of A1, A2 and Good(4) A3 files.	Students attending MOOC or other online courses (B)	Facility for co-curricular and Good(4) extracurricular activities (B)	Computing facility in the department (A)	Project and Thesis (A)
Good(4)	Good(4)	Good(4)	Good(4)	Good(4)	Good(4)	Excellent(5)
			More students should attend MOOC/online courses	Less activities	More computing facility to be provided	
will be improved	will be improved	will be improved	will molivate more student	outtural, technical and sports activities were there More activities can be included.	Enough are available for 1- students in final year	

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Rating   Authorities   Placement status   Placement training will be given to improve the placement status   Placement training will be given to improve the placement status   Placement training will be given to improve the placement status   Placement training will be given to improve the placement status   Placement training will be given to improve the placement status   Placement training will be given to improve the placement status   Placement training will be given to improve the placement status   Placement training will be given to improve the placement status   Placement training will be given to improve the placement status   Placement training will be given to improve the placement status   Placement training will be given to improve the placement status   Placement training will be given to improve the given to improve the placement status   Placement training will be given to improve the given to improve the placement training will be given to improve the given to improve the placement training will be given to improve the given to improve the placement status   Placement training will be given to improve the given to improve the placement status   Placement training will be given to improve the given to improve the given to improve the placement status   Placement training will be given to improve the given to improve the given to improve the placement   Plac	The state of the s		Auditor Domarks	Principal's Response
No. of placement=2 Placement training will given toimprove the placementcount	Key Aspects	Kating	Additor remains	THE REAL PROPERTY AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO IN COLUM
	Placement Status	Poor(2)	No. of placement=2	Placement training will be given toimprove the placementcount
MIN & KANG	Class/course committee meetings and action taken report (B)	Excellent(5)		
May & KMACA	Advisory meetings and action taken report (B)	Excellent(5)		
May & KAMEA	10000	Excellent(5)		
Excellent(5)  Excellent(5)	onduct of Tutorial Classes (B)	Excellent(5)		
Excellent(5)	Evaluation of Answer Scripts (A):	Excellent(5)		
Excellent(5)	Conduct of practical courses (B)	Excellent(5)		
17		Excellent(5)		NEW CONTRACTOR OF THE PARTY OF

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



# ELECTRONICS AND COMMUNICATION ENGINEERING(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 amp 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 isavailable
Facility for co-curricular and Good(4) extracurricular activities (B)	Good(4)	More number of activities can be planned	cultural, technicalandsportsactivities werethere.Moreactivities canbe included



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

# ELECTRICAL AND ELECTRONICS ENGINEERING(POWER ELECTRO

Key Aspects Placement Status	Rating Good(4)	ng Auditor Remarks Prin	Principal's Response Placement training will begiven to improve theplacement 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 amp remarks of the HoD (A)	Good(4)	Evaluation remarks not available	
Facility 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	
Facility for co-curricular and Good(4) extracurricular activities (B)	Good(4)	More facilities can be planned	
Students attending MOOC or other online courses (B)	Good(4)	More students should attend MOOC/online courses	

# 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 begiven to improve theplacement count
Class/course committee meetings and action taken report (6)	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 amp remarks of the HoD (A)	Poor(2)	Not available	Instructed to submit
Facility 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 Good(4) extracurricular activities (B)	Good(4)	More facilities to be provided	cultural, technical and sportsactivities were there. Moreactivities can be included
Students attending MOOC or other online courses (B)	Good(4)	More students should attend MOOC/online courses	will motivate more students



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