



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

**Academic Audit Report
2020 - 2021**

Basic Details

Institution	KMEA ENGINEERING COLLEGE
First Auditor Name	Sunitha Rani C M
Second Auditor Name	
Visit	First
Semester Type	Odd

College Specific Assessments

Key Aspects	Rating	Auditor Remarks	Principal's Response
Compliance to the Academic Calendar of KTU (B)	Excellent(5)	KTU academic guidelines are strictly followed	
Functioning of students grievances and appeal committee (B)	Excellent(5)	Improved the functioning of grievances and appeal committee	
Average student to faculty ratio (A)	Excellent(5)	$(20 * 106) / 1794 = 1.18$	
Faculty Qualification Index (A)	Good(4)	$FQ = \frac{(10 * 11) + (4 * 95)}{82.5} = 5.9$	
Number of qualified technical staff (A)	Excellent(5)	Technical staffs are available as per requirements	
Facility of central library with respect to volume, title of books, online print journals (A)	Excellent(5)	Adequate no of books, journals are available	



Functioning of IQAC and Progress of IQAC report uploading (A)	Excellent(5)	Uploaded properly	
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Student Interaction

Key Aspects	Rating	Auditor Remarks	Principal's Response
Syllabus coverage (B)	Excellent(5)	Syllabus were covered as per KTU schedule	
Effectiveness of teaching/learning process	Excellent(5)	Conducted effectively	
Conduct of Labs (B)	Excellent(5)	Conducted through online mode	
Continuous assessment (B)	Excellent(5)	Conducted properly through test and assignment	
Interaction/discussion/doubt clearing etc (A)	Excellent(5)	Done effectively	
Net connectivity issue	Fair(3)	Students were facing net connectivity issues	
Extra fees/fine imposed on students (B)	Not Relevant	Extra fees are not imposed	
Approach of the management/institution in addressing student grievances (B)	Excellent(5)	Feedbacks were taken	
Availability of Faculty for all subjects (A)	Excellent(5)	Available	
Any other remarks (C)	Good(4)	Students are requesting for offline classes	Since Parents and students requested for offline sessions, college took initiative to conduct doubt clearing sessions



CIVIL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Excellent(5)	Online Class/Course committee meetings were conducted as per KTU schedule	
Advisory meetings and action taken report (B)	Excellent(5)	Online Advisory meetings were conducted	
Result analysis of previous odd semester (A)	Poor(2)	Measures have already been taken up to improve the result in the upcoming semesters	Measures have taken to improve results
Syllabus coverage as per course plan (A)	Excellent(5)	Subject coverage were strictly monitored by HOD and reported to Principal.	
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	Moodle platform	
Conduct of minor/honours classes (A)	Excellent(5)	Classes were conducted properly.	
NPTEL/SWAYAM course materials recommended for reading (B)	Excellent(5)	Recommended and followed	
Conduct of Internal assessments for theory and lab classes (A)	Excellent(5)	Tests were conducted using online mode	
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)	Feedbacks were taken by different levels like mentors, Hods, Principal.	
Conduct of series tests (A)	Excellent(5)	Conducted as per KTU schedule	
Maintenance of course diary (A)	Excellent(5)	Maintaining Course Diary	
Register showing Activity points (B)	Excellent(5)	Maintained	



Conduct of laboratory classes with relevant details(A)	Excellent(5)	Laboratory classes were conducted through online mode	
Online Faculty evaluation amp remarks of the HoD (A)	Excellent(5)	Taken frequently	

MECHANICAL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Excellent(5)	Online Class/Course committee meetings were conducted as per KTU schedule	
Advisory meetings and action taken report (B)	Excellent(5)	Online Advisory meetings were conducted	
Result analysis of previous odd semester (A)	Poor(2)	Measures have already been taken up to improve the result in the upcoming semesters	Measures have taken to improve results
Syllabus coverage as per course plan (A)	Excellent(5)	Subject coverage were strictly monitored by HOD and reported to Principal.	
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	Moodle platform	
Conduct of minor/honours classes (A)	Excellent(5)	Classes were conducted properly.	
NPTEL/SWAYAM course materials recommended for reading (B)	Excellent(5)	Recommended and followed	
Conduct of internal assessments for theory and lab classes (A)	Excellent(5)	Tests were conducted using online mode	



The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)	Feedbacks were taken by different levels like mentors, Hods, Principal.	
Conduct of series tests (A)	Excellent(5)	Conducted as per KTU schedule	
Maintenance of course diary (A)	Excellent(5)	Maintaining Course Diary	
Register showing Activity points (B)	Excellent(5)	Maintained	
Conduct of laboratory classes with relevant details(A)	Excellent(5)	Laboratory classes were conducted through online mode	
Online Faculty evaluation amp remarks of the HoD (A)	Excellent(5)	Taken frequently	

ELECTRONICS & COMMUNICATION ENGG-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Excellent(5)	Online Class/Course committee meetings were conducted as per KTU schedule	
Advisory meetings and action taken report (B)	Excellent(5)	Online Advisory meetings were conducted	
Result analysis of previous odd semester (A)	Poor(2)	Measures have already been taken up to improve the result in the upcoming semesters	Measures have taken to improve results
Syllabus coverage as per course plan (A)	Excellent(5)	Subject coverage were strictly monitored by HOD and reported to Principal.	
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	Moodle platform	



Conduct of minor/honours classes (A)	Excellent(5)	Classes were conducted properly.	
NPTEL/SWAYAM course materials recommended for reading (B)	Excellent(5)	Recommended and followed	
Conduct of Internal assessments for theory and lab classes (A)	Excellent(5)	Tests were conducted using online mode	
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)	Feedbacks were taken by different levels like mentors, Hods, Principal.	
Conduct of series tests (A)	Excellent(5)	Conducted as per KTU schedule	
Maintenance of course diary (A)	Excellent(5)	Maintaining Course Diary	
Register showing Activity points (B)	Excellent(5)	Maintained	
Conduct of laboratory classes with relevant details(A)	Excellent(5)	Laboratory classes were conducted through online mode	
Online Faculty evaluation amp remarks of the HoD (A)	Excellent(5)	Taken frequently	

COMPUTER SCIENCE & ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Excellent(5)	Online Class/Course committee meetings were conducted as per KTU schedule	
Advisory meetings and action taken report (B)	Excellent(5)	Online Advisory meetings were conducted	



Result analysis of previous odd semester (A)	Poor(2)	Measures have already been taken up to improve the result in the upcoming semesters	Measures have taken to improve results
Syllabus coverage as per course plan (A)	Excellent(5)	Subject coverage were strictly monitored by HOD and reported to Principal.	
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	Moodle platform	
Conduct of minor/honours classes (A)	Excellent(5)	Classes were conducted properly.	
NPTEL/SWAYAM course materials recommended for reading (B)	Excellent(5)	Recommended and followed	
Conduct of Internal assessments for theory and lab classes (A)	Excellent(5)	Tests were conducted using online mode	
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)	Feedbacks were taken by different levels like mentors, Hods, Principal.	
Conduct of series tests (A)	Excellent(5)	Conducted as per KTU schedule	
Maintenance of course diary (A)	Excellent(5)	Maintaining Course Diary	
Register showing Activity points (B)	Excellent(5)	Maintained	
Conduct of laboratory classes with relevant details(A)	Excellent(5)	Laboratory classes were conducted through online mode	
Online Faculty evaluation amp remarks of the HoD (A)	Excellent(5)	Taken frequently	

ELECTRONICS & INSTRUMENTATION ENGINEERING-(Full Time)



Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Excellent(5)	Online Class/Course committee meetings were conducted as per KTU schedule	
Advisory meetings and action taken report (B)	Excellent(5)	Online Advisory meetings were conducted	
Result analysis of previous odd semester (A)	Poor(2)	Measures have already been taken up to improve the result in the upcoming semesters	Measures have taken to improve results
Syllabus coverage as per course plan (A)	Excellent(5)	Subject coverage were strictly monitored by HOD and reported to Principal.	
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	Moodle platform	
Conduct of minor/ honours classes (A)	Excellent(5)	Classes were conducted properly	
NPTEL/SWAYAM course materials recommended for reading (B)	Excellent(5)	Recommended and followed	
Conduct of internal assessments for theory and lab classes (A)	Excellent(5)	Tests were conducted using online mode	
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)	Feedbacks were taken by different levels like mentors, Hods, Principal.	
Conduct of series tests (A)	Excellent(5)	Conducted as per KTU schedule	
Maintenance of course diary (A)	Excellent(5)	Maintaining Course Diary	
Register showing Activity points (B)	Excellent(5)	Maintaining	



Conduct of laboratory classes with relevant details.(A)	Excellent(5)	Laboratory classes were conducted through online mode	
Online Faculty evaluation amp remarks of the HoD (A)	Excellent(5)	Taken frequently	

ELECTRICAL AND ELECTRONICS ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Excellent(5)	Online Class/Course committee meetings were conducted as per KTU schedule	
Advisory meetings and action taken report (B)	Excellent(5)	Online Advisory meetings were conducted	
Result analysis of previous odd semester (A)	Poor(2)	Measures have already been taken up to improve the result in the upcoming semesters	Measures have taken to improve results
Syllabus coverage as per course plan (A)	Excellent(5)	Subject coverage were strictly monitored by HOD and reported to Principal.	
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	Moodle platform	
Conduct of minor/honours classes (A)	Excellent(5)	Classes were conducted properly.	
NPTEL/SWAYAM course materials recommended for reading (B)	Excellent(5)	Recommended and followed	
Conduct of Internal assessments for theory and lab classes (A)	Excellent(5)	Tests were conducted using online mode	



The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)	Feedbacks were taken by different levels like mentors, Hods, Principal.	
Conduct of series tests (A)	Excellent(5)	Conducted as per KTU schedule	
Maintenance of course diary (A)	Excellent(5)	Maintaining Course Diary	
Register showing Activity points (B)	Excellent(5)	Maintained	
Conduct of laboratory classes with relevant details(A)	Excellent(5)	Laboratory classes were conducted through online mode	
Online Faculty evaluation amp remarks of the HOD (A)	Excellent(5)	Taken frequently	

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

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Not Relevant	No Meets students	
Result analysis of previous odd semester (A)	Not Relevant		
Syllabus coverage as per course plan (A)	Not Relevant		
Platform used for LMS/Course materials and lectures uploaded (A)	Not Relevant		
The mechanisms for taking feedback as to whether the online classes are effective (B)	Not Relevant		
Maintenance of course diary (A)	Not Relevant		
Conduct of Seminar/Mini project (A)	Not Relevant		



Faculty with Ph.D for the program (A)	Not Relevant		
Students attending MOOC or other online courses (B)	Not Relevant		
Conduct of Thesis (A)	Not Relevant		

ELECTRONICS AND COMMUNICATION ENGINEERING(COMMUNICATION ENGINEERING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Not Relevant	No MTech students	
Result analysis of previous odd semester (A)	Not Relevant		
Syllabus coverage as per course plan (A)	Not Relevant		
Platform used for LMS/Course materials and lectures uploaded (A)	Not Relevant		
The mechanisms for taking feedback as to whether the online classes are effective (B)	Not Relevant		
Maintenance of course diary (A)	Not Relevant		
Conduct of Seminar Mini project (A)	Not Relevant		
Faculty with Ph.D for the program (A)	Not Relevant		
Students attending MOOC or other online courses (B)	Not Relevant		
Conduct of Thesis (A)	Not Relevant		

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

Key Aspects	Rating	Auditor Remarks	Principal's Response
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Class/course committee meetings and action taken report (B)	Not Relevant	S1 MTech classes commenced only on November 16th and no higher semesters	
Result analysis of previous odd semester (A)	Not Relevant		
Syllabus coverage as per course plan (A)	Not Relevant		
Platform used for LMS/Course materials and lectures uploaded (A)	Not Relevant		
The mechanisms for taking feedback as to whether the online classes are effective (B)	Not Relevant		
Maintenance of course diary (A)	Not Relevant		
Conduct of Seminar Mini project (A)	Not Relevant		
Faculty with Ph.D for the program (A)	Not Relevant		
Students attending MOOC or other online courses (B)	Not Relevant		
Conduct of Thesis (A)	Not Relevant		

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

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Not Relevant	S1 MTech classes commenced only on November 16th and no higher semesters	
Result analysis of previous odd semester (A)	Not Relevant		
Syllabus coverage as per course plan (A)	Not Relevant		
Platform used for LMS/Course materials and lectures uploaded (A)	Not Relevant		



The mechanisms for taking feedback as to whether the online classes are effective (B)	Not Relevant		
Maintenance of course diary (A)	Not Relevant		
Conduct of Seminar Mini project (A)	Not Relevant		
Faculty with Ph.D for the program (A)	Not Relevant		
Students attending MOOC or other online courses (B)	Not Relevant		
Conduct of Thesis (A)	Not Relevant		

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