



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	Second
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)	$FQ = (10 * 11) + (4 * 95) / 82.5 = 5.9$	Since less number of students for M Tech , number of regular faculty required is to be complied
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 number of books and journals are available	



Monitoring of QAC and Progress of QAC 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	Tried to bring most of our students to campus for effective learning by following covid protocols
Conduct of Labs (B)	Excellent(5)	Conducted through offline mode as per revised schedule	
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	During online sessions, Students were attending classes from their residence due to covid 19 scenario
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	Effective measures were taken
Availability of Faculty for all subjects (A)	Excellent(5)	Available	
Any other remarks (C)	Not Relevant		



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 and verified	
Advisory meetings and action taken report (B)	Excellent(5)	Online Advisory meetings were conducted and verified.	
Result analysis of previous odd semester (A)	Poor(2)		Measures have already been taken up to improve the result in the upcoming semesters
Syllabus coverage as per course plan (A)	Excellent(5)	Syllabus were covered as per course plan.	
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)	Moodle platform	
Conduct of Internal assessments for theory and lab classes (A)	Excellent(5)	Tests were conducted properly through online mode for theory and offline mode for lab.	
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)	Feedback were taken properly through google forms.	
Conduct of series tests (A)	Excellent(5)	Conducted as per KTU schedule	
Maintenance of course diary (A)	Excellent(5)	Maintaining Course Diary	



Regular showing Activity points (B)	Excellent(5)	Maintained	
Conduct of laboratory classes with relevant details(A)	Excellent(5)	Laboratory classes were conducted properly through offline mode, as per KTU revised schedule.	
Online Faculty evaluation and remarks of the HoD (A)	Excellent(5)	Faculty evaluation done using academic management software.	

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 and verified.	
Advisory meetings and action taken report (B)	Excellent(5)	Online Advisory meetings were conducted and verified.	
Result analysis of previous odd semester (A)	Poor(2)		Measures have already been taken up to improve the result in the upcoming semesters
Syllabus coverage as per course plan (A)	Excellent(5)	Subjects were covered as per course plan.	
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	Laboratory classes were conducted properly through offline mode, as per KTU revised schedule.	
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 properly through online mode for theory and offline mode for lab.	



The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)	Feedbacks were taken by properly through google forms.	
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 properly and effectively through offline mode as per revised schedule, and lab exam were conducted effectively.	
Online Faculty evaluation amp remarks of the HoD (A)	Excellent(5)	Faculty evaluation is conducted through academic management software.	

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 and verified.	
Advisory meetings and action taken report (B)	Excellent(5)	Online Advisory meetings were conducted and verified	
Result analysis of previous odd semester (A)	Poor(2)		Measures have already been taken up to improve the result in the upcoming semesters
Syllabus coverage as per course plan (A)	Excellent(5)	Syllabus were covered as per course plan	
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)	Moodle platform	
Conduct of Internal assessments for theory and lab classes (A)	Excellent(5)	Tests were conducted properly through online mode for theory and offline mode for lab.	
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)	Feedbacks were taken properly through google forms.	
Conduct of series tests (A)	Excellent(5)	Conducted as per KTU schedule	
Maintenance of course diary (A)	Excellent(5)	Maintained	
Register showing Activity points (B)	Excellent(5)	Maintained	
Conduct of laboratory classes with relevant details(A)	Excellent(5)	Laboratory classes were conducted properly through offline mode, as per KTU revised schedule.	
Online Faculty evaluation amp remarks of the HoD (A)	Excellent(5)	Faculty evaluation were done using academic monitoring software.	

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 and verified.	
Advisory meetings and action taken report (B)	Excellent(5)	Online Advisory meetings were conducted and verified	



Result analysis of previous odd semester (A)	Poor(2)		Measures have already been taken up to improve the result in the upcoming semesters
Syllabus coverage as per course plan (A)	Excellent(5)	Syllabus were covered as per course plan.	
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 properly through online mode for theory and offline mode for lab.	
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)	Feedbacks were taken properly through google forms.	
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 effectively through offline mode as revised schedule, and test conducted properly.	
Online Faculty evaluation amp remarks of the HoD (A)	Excellent(5)	Faculty evaluation were conducted through academic monitoring software.	

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 and verified.	
Advisory meetings and action taken report (B)	Excellent(5)	Online Advisory meetings were conducted and verified.	
Result analysis of previous odd semester (A)	Poor(2)		Measures have already been taken up to improve the result in the upcoming semesters
Syllabus coverage as per course plan (A)	Excellent(5)	Syllabus were covered as per course plan.	
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 properly through online mode for theory and offline mode for lab.	
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)	Feedback were taken properly through google forms.	
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 properly through offline mode, as per KTU revised schedule.	
Online Faculty evaluation and remarks of the HoD (A)	Excellent(5)	Faculty evaluation were taken properly through academic monitoring software.	

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 and verified.	
Advisory meetings and action taken report (B)	Excellent(5)	Online Advisory meetings were conducted and verified.	
Result analysis of previous odd semester (A)	Poor(2)		Measures have already been taken up to improve the result in the upcoming semesters
Syllabus coverage as per course plan (A)	Excellent(5)	Syllabus were covers as per course plan.	
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 properly through online mode for theory and offline mode for lab.	
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)	Feedback were taken properly through google forms.	



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 properly through offline mode, as per KTU revised schedule.	
Online Faculty evaluation amp remarks of the HoD (A)	Excellent(5)	Faculty evaluation were done using academic management software.	

M.Tech

No of M.Tech Students	0
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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 students for MTech course	
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 students for MTech course	
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)	Excellent(5)	Online Class committee meetings were conducted as per KTU schedule and verified.	
Result analysis of previous odd semester (A)	Not Relevant		
Syllabus coverage as per course plan (A)	Excellent(5)	Syllabus were covered as per schedule.	
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	Moodle platform	
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)	Feedback were taken through google forms.	
Maintenance of course diary (A)	Excellent(5)	Maintaining Course Diary	
Conduct of Seminar Mini project (A)	Excellent(5)	Seminar conducted properly through offline mode.	
Faculty with Ph.D for the program (A)	Excellent(5)	2 Faculties having PhD were handling classes.	
Students attending MOOC or other online courses (B)	Very Poor(1)		
Conduct of Thesis (A)	Not Relevant	Since only first semester students.	

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)	Excellent(5)	Online Class committee meetings were conducted as per KTU schedule and verified.	
Result analysis of previous odd semester (A)	Not Relevant		
Syllabus coverage as per course plan (A)	Excellent(5)	Syllabus were covered as per course plan.	



Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	Moodle platform.	
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)	Feedback were taken frequently through google forms.	
Maintenance of course diary (A)	Excellent(5)	Maintaining Course Diary	
Conduct of Seminar Mini project (A)	Excellent(5)	Seminar conducted properly through online mode.	
Faculty with Ph.D for the program (A)	Excellent(5)	3 Faculties having PhD were handling classes.	
Students attending MOOC or other online courses (B)	Very Poor(1)		
Conduct of Thesis (A)	Not Relevant	Since only first semester students	

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