

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	G*
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	
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	18

	Section Control of	Uploaded properly
Functioning of IQAC and	Excellent(5)	650 CONTROL (1870 1107 161
Progress of IQAC report		
uploading (A)		

Key Aspects	Rating	Auditor Remarks	Principal's Respons
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/doub t 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 Respons
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	NGINEERING

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 model FING	

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	Sh ENGINEERS

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	



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

ELECTRONICS & INSTRUMENTATION ENGINEERING-(Full Time)



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

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

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	



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

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

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

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		
MOOC ses (B)	Not Relevant		
Conduct of Thesis (A)	Not Relevant		

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

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Conduct of Thesis (A)	Students attending MOOC or other online courses (B)	Faculty with Ph.D for the program (A)	Conduct of Seminar Mini project (A)	Maintenance of course diary (A)	The mechanisms for taking feedback as to whether the online classes are effective (B)	Platform used for LMS/Course materials and lectures uploaded (A)	Syllabus coverage as per course plan (A)	Result analysis of previous odd semester (A)	Class/course committee meetings and action taken report (B)
Not Relevant	Not Relevant	Not Relevant	Not Relevant	Not Relevant	Not Relevant	Not Relevant	Not Relevant	Not Relevant	Not Relevant
									\$1 MTech classes commenced only on November 16th and no higher semesters
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ELECTRICAL AND ELECTRONICS ENGINEERING(POWER ELECTRONICS)-(FI

Key Aspects	Rating	Auditor Remarks Pri	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 Not Relevant odd semester (A)	Not Relevant		
Syllabus coverage as per Not Relevant course plan (A)	Not Relevant		
Platform used for LMS/Course materials and lectures uploaded (A)	Not Relevant	Calana	

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



