



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

Academic Audit Report
2020 - 2021

Basic Details

Institution	COLLEGE OF ENGINEERING, PATHANAPURAM
First Auditor Name	SYAMLAL T
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)	CLASSES STARTED, MODULES FINISHED, ASSIGNMENTS AND SERIES CONDUCTED ATTENDANCE / TEST RESULTS PUBLISHED AND AUDIT CONDUCTED AS PER KTU CALENDAR/SCHEDULE	
Functioning of students grievances and appeal committee (B)	Excellent(5)	CONDUCTED REGULAR MEETINGS WITH REPRESENTATIVES, MINUTES RECORDED AND REGULARLY UPDATING. Online mechanism for collecting grievances and corrective actions.	
Average student to faculty ratio (A)	Excellent(5)	1.06 RATING, 51 FACULTIES FOR 960 STUDENTS	

Faculty Qualification Index (A)	Very Poor(1)	4.11 is the index.	Steps taken to improve
Number of qualified technical staff (A)	Good(4)	Almost all departments have qualified technical staff.	
Facility of central library with respect to volume, title of books, online print journals (A)	Excellent(5)	Facilities (BOOKS, VOLUMES, JOURNALS, E-BOOKS) available more than AICTE requirement	
Functioning of IQAC and Progress of IQAC report uploading (A)	Excellent(5)	Regular meetings conducted, Information passed among staff, Updated all monthly reports, conducted E-audit as per KTU direction and updated and uploaded report.	

Student Interaction

Key Aspects	Rating	Auditor Remarks	Principal's Response
Syllabus coverage (B)	Excellent(5)	completed as per KTU calendar	
Effectiveness of teaching/learning process	Excellent(5)	Effective online sessions, video tutorials, NPTEL course materials, effective LMS platform, Timely assessment for lab and theory.	
Conduct of Labs (B)	Excellent(5)	Conducted VLABS and video course materials. Completed as per KTU schedule. Assessment done for all labs.	
Continuous assessment (B)	Excellent(5)	Assignments, series tests, class tests, quiz, viva, out evaluation done as per KTU direction.	
Interaction/discussion/doubt clearing etc (A)	Excellent(5)	Online discussion sessions, quiz, presentations, interactions arranged to clear doubts.	
Net connectivity issue	Excellent(5)	No issue reported yet.	
Extra fees/fine imposed on students (B)	Excellent(5)	Fees as per government norms.	
Approach of the management/institution in addressing student grievances (B)	Excellent(5)	Effectively addressing all grievances. No major issues reported.	
Availability of Faculty for all subjects (A)	Excellent(5)	All courses in all semesters are engaging by faculties.	
Any other remarks (C)	Excellent(5)	Over all rating is excellent for functioning, academics and facility.	

ELECTRICAL AND ELECTRONICS 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)	Conducted as per calendar	
Advisory meetings and action taken report (B)	Excellent(5)	Conducted as per KTU direction	
Result analysis of previous odd semester (A)	Poor(2)	Below 40%	Directed department to conduct remedials.
Syllabus coverage as per course plan (A)	Excellent(5)	Completed as per plan.	
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	Uploaded and shared through Google classroom and Google meet.	
Conduct of minor/honours classes (A)	Good(4)	No minor course from department. Honours course conducting as per plan and KTU direction.	
NPTEL/SWAYAM course materials recommended for reading (B)	Good(4)	Shared NPTEL course material through Google class room.	
Conduct of Internal assessments for theory and lab classes (A)	Good(4)	Regularly conducting.	
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)	Online and offline feedbacks taken.	
Conduct of series tests (A)	Excellent(5)	Conducted as per KTU calendar	
Maintenance of course diary (A)	Good(4)	All courses having course diaries	
Register showing Activity points (B)	Good(4)	Separate register is keeping.	
Conduct of laboratory classes with relevant details(A)	Good(4)	VLAB and recorded videos using.	
Online Faculty evaluation amp remarks of the HoD (A)	Good(4)	Evaluated and HODs verified. Follow up action taken.	

COMPUTER SCIENCE & ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Excellent(5)	Conducted as per KTU calendar. Verified minutes.	
Advisory meetings and action taken report (B)	Excellent(5)	Conducted as per KTU direction. Verified minutes.	
Result analysis of previous odd semester (A)	Poor(2)	Overall result below 45%	Directed department to conduct remedials.
Syllabus coverage as per course plan (A)	Excellent(5)	Completed as per course plan	
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	Using Google classroom. Shared all ppt/pdf and video course materials.	
Conduct of minor/honours classes (A)	Excellent(5)	Completed as per plan and calendar.	
NPTEL/SWAYAM course materials recommended for reading (B)	Excellent(5)	Shared NPTEL/ SWAYAM course material through LMS.	
Conduct of Internal assessments for theory and lab classes (A)	Excellent(5)	Class tests, assessments and Lab viva are conducting periodically.	
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)	Online feedback and verbal feedback in advisory meeting taken.	
Conduct of series tests (A)	Excellent(5)	Conducted as per KTU calendar and remedial measures taken.	
Maintenance of course diary (A)	Excellent(5)	All courses having separate course diaries.	
Register showing Activity points (B)	Excellent(5)	Separate activity registers for all semesters.	
Conduct of laboratory classes with relevant details(A)	Good(4)	Completed by using VLABs and online compilers. Recorded videos shared.	

Online Faculty evaluation and remarks of the HoD (A)	Excellent(5)	Evaluated and verified by HOD. Measures taken to make the teaching more effective.	
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MECHANICAL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Excellent(5)	Conducted as per calendar.	
Advisory meetings and action taken report (B)	Excellent(5)	Conducted as per KTU direction.	
Result analysis of previous odd semester (A)	Poor(2)	Below 45%	Directed department to conduct remedials.
Syllabus coverage as per course plan (A)	Excellent(5)	Completed as per plan and calendar.	
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	Course materials and video course materials shared through Google meet and Google classroom.	
Conduct of minor/honours classes (A)	Good(4)	No minor course from the department. Honours course conducting as per plan and KTU directions.	
NPTEL/SWAYAM course materials recommended for reading (B)	Good(4)	NPTEL course materials shared through LMS.	
Conduct of Internal assessments for theory and lab classes (A)	Excellent(5)	Regular interactive sessions, presentations and quiz. Assignments and test as per KTU direction.	
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)	Online and offline modes for taking feedbacks. Instructions given to make teaching learning more effective.	
Conduct of series tests (A)	Excellent(5)	Conducted and result published as per KTU direction.	

Maintenance of course diary (A)	Excellent(5)	All courses having separate course diaries and sufficient documents.	
Register showing Activity points (B)	Excellent(5)	All semesters/batches having separate activity point registers.	
Conduct of laboratory classes with relevant details(A)	Excellent(5)	Conducted online using VLAB and recorded videos.	
Online Faculty evaluation amp remarks of the HoD (A)	Excellent(5)	Evaluated and verified by HOD. Follow up action taken to make teaching more effective.	

ELECTRONICS & COMMUNICATION ENGG-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Excellent(5)	Conducted as per KTU calendar	
Advisory meetings and action taken report (B)	Excellent(5)	Conducted as per KTU direction. Conducted PTA and staff meeting and action taken entered in Advisory minutes.	
Result analysis of previous odd semester (A)	Poor(2)	Below 40%	Directed department to conduct remedials.
Syllabus coverage as per course plan (A)	Good(4)	Completed as per plan	
Platform used for LMS/Course materials and lectures uploaded (A)	Good(4)	Shared all course materials through Google classroom.	
Conduct of minor/honours classes (A)	Good(4)	Completed as per plan and schedule.	
NPTEL/SWAYAM course materials recommended for reading (B)	Good(4)	Shared through LMS	
Conduct of Internal assessments for theory and lab classes (A)	Excellent(5)	Completed through online platform.	

The mechanisms for taking feedback as to whether the online classes are effective (B)	Good(4)	Online and offline modes used for feedback	
Conduct of series tests (A)	Excellent(5)	Conducted as per KTU direction.	
Maintenance of course diary (A)	Good(4)	All courses having separate course diaries.	
Register showing Activity points (B)	Good(4)	All semesters having separate registers	
Conduct of laboratory classes with relevant details(A)	Good(4)	VLAB and recorded videos are using. Completed as per plan	
Online Faculty evaluation amp remarks of the HoD (A)	Good(4)	Evaluated and HODs verified. Discussed with faculty members to make teaching more effective.	

CIVIL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Excellent(5)	Conducted as per KTU calendar. Minutes verified.	
Advisory meetings and action taken report (B)	Excellent(5)	Conducted as per KTU direction. Minutes Verified.	
Result analysis of previous odd semester (A)	Excellent(5)	Above 75%	
Syllabus coverage as per course plan (A)	Good(4)	Completed as per plan and calendar.	
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	Using Google meet and Google classroom.	
Conduct of minor/honours classes (A)	Good(4)	No minor from department. Honours course is provided.	
NPTEL/SWAYAM course materials recommended for reading (B)	Good(4)	Course materials shared through Google classroom.	

Conduct of Internal assessments for theory and lab classes (A)	Excellent(5)	Class tests and quiz conducted regularly.	
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)	Feedback taken and corrective measures taken.	
Conduct of series tests (A)	Excellent(5)	Conducted as per KTU calendar.	
Maintenance of course diary (A)	Good(4)	All courses having separate course diaries.	
Register showing Activity points (B)	Good(4)	All semesters having separate activity point registers.	
Conduct of laboratory classes with relevant details(A)	Good(4)	Conducted through VLAB and recorded videos.	
Online Faculty evaluation amp remarks of the HoD (A)	Good(4)	Evaluated and discussed with faculties and corrective actions taken.	