



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

Academic Audit Report
2020 - 2021

Basic Details

Institution	ST JOSEPHS COLLEGE OF ENGINEERING AND TECHNOLOGY PALAI
First Auditor Name	Madhukumar S
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)	Maintained in accordance with the Academic calendar	Noted
Functioning of students grievances and appeal committee (B)	Good(4)	Minutes are updated	Minutes are since updated.
Average student to faculty ratio (A)	Good(4)		Noted
Faculty Qualification Index (A)	Good(4)		Noted
Number of qualified technical staff (A)	Excellent(5)		Noted
Facility of central library with respect to volume, title of books, online print journals (A)	Excellent(5)		Noted

Functioning of IQAC and Progress of IQAC report uploading (A)	Good(4)		Noted
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Student Interaction

Key Aspects	Rating	Auditor Remarks	Principal's Response
Syllabus coverage (B)	Excellent(5)	Maintained in accordance with the academic calendar	Noted
Effectiveness of teaching/learning process	Excellent(5)		Noted
Conduct of Labs (B)	Good(4)	Lab classes are conducted online	Later lab classes were conducted as contact classes
Continuous assessment (B)	Excellent(5)		Noted
Interaction/discussion/doubt clearing etc (A)	Excellent(5)	Being conducted online	Noted
Net connectivity issue	Good(4)		Students were asked to go for good connectivity services
Extra fees/fine imposed on students (B)	Not Relevant		
Approach of the management/institution in addressing student grievances (B)	Good(4)		Noted
Availability of Faculty for all subjects (A)	Excellent(5)	Faculty available for all subjects	Noted
Any other remarks (C)	Not Relevant		

ELECTRONICS & INSTRUMENTATION ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Excellent(5)	committees are conducted and registers are maintained	Noted

Advisory meetings and action taken report (B)	Excellent(5)	Committee is constituted and meeting convened	Noted
Result analysis of previous odd semester (A)	Fair(3)	Need to improve the results	Students were appraised to modify their method of preparations for the examination and regular study.
Syllabus coverage as per course plan (A)	Good(4)	maintained in accordance with the academic calendar	Noted
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	Course materials are uploaded in LMS	Noted
Conduct of minor/honours classes (A)	Good(4)	Honours classes are conducted.	Noted
NPTEL/SWAYAM course materials recommended for reading (B)	Excellent(5)	Course materials are uploaded	Noted
Conduct of Internal assessments for theory and lab classes (A)	Good(4)	internal assessments are conducted online	Noted
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)	Feedback is taken online	Noted
Conduct of series tests (A)	Good(4)	tests conducted online	Noted
Maintenance of course diary (A)	Excellent(5)	Maintained	Noted
Register showing Activity points (B)	Excellent(5)	Updated	Noted
Conduct of laboratory classes with relevant details(A)	Good(4)	Lab classes are conducted online	Noted
Online Faculty evaluation amp remarks of the HoD (A)	Excellent(5)	maintained	Noted

ELECTRONICS & COMMUNICATION ENGG-(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)	Register maintained properly	Noted
Advisory meetings and action taken report (B)	Excellent(5)	Meetings are held and reports maintained properly	Noted
Result analysis of previous odd semester (A)	Fair(3)	Need to improve the result	Students were appraised to modify their method of preparations for the examination and regular study.
Syllabus coverage as per course plan (A)	Good(4)	maintained in accordance with the academic calendar	Noted
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	Course materials are uploaded in the LMS	Noted
Conduct of minor/honours classes (A)	Excellent(5)	Maintained very well. Registers are maintained properly	Noted
NPTEL/SWAYAM course materials recommended for reading (B)	Excellent(5)		Noted
Conduct of Internal assessments for theory and lab classes (A)	Good(4)	Internal assessment are conducted online	Noted
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)	Feed back is taken online	Noted
Conduct of series tests (A)	Good(4)	tests conducted online	Noted
Maintenance of course diary (A)	Excellent(5)	Maintained properly	Noted
Register showing Activity points (B)	Excellent(5)	Updated	Noted
Conduct of laboratory classes with relevant details(A)	Excellent(5)	Lab classes are conducted online	Noted
Online Faculty evaluation amp remarks of the HoD (A)	Excellent(5)	Online faculty evaluation is taken	Noted

CIVIL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Excellent(5)	Updated. Register maintained properly	Noted
Advisory meetings and action taken report (B)	Excellent(5)	Files are maintained properly	Noted
Result analysis of previous odd semester (A)	Good(4)	Need to improve the results	Students were appraised to modify their method of preparations for the examination and regular study.
Syllabus coverage as per course plan (A)	Excellent(5)	Classes are conducted online in accordance the academic calendar	Noted
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	course materials are updated in the LMS	Noted
Conduct of minor/honours classes (A)	Excellent(5)	Honours courses are conducted properly	Noted
NPTEL/SWAYAM course materials recommended for reading (B)	Excellent(5)		Noted
Conduct of Internal assessments for theory and lab classes (A)	Good(4)	Test conducted online	Noted
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)	Feedback taken online	Noted
Conduct of series tests (A)	Good(4)	Tests conducted online	Noted
Maintenance of course diary (A)	Excellent(5)	Maintained properly	Noted
Register showing Activity points (B)	Excellent(5)	Maintained	Noted
Conduct of laboratory classes with relevant details(A)	Good(4)	Lab classes are conducted online	Noted

Online Faculty evaluation and remarks of the HoD (A)	Excellent(5)	Online faculty evaluation conducted	Noted
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APPLIED ELECTRONICS & INSTRUMENTATION ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Not Relevant		
Advisory meetings and action taken report (B)	Not Relevant		
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		
Conduct of minor/honours classes (A)	Not Relevant		
NPTEL/SWAYAM course materials recommended for reading (B)	Not Relevant		
Conduct of Internal assessments for theory and lab classes (A)	Not Relevant		
The mechanisms for taking feedback as to whether the online classes are effective (B)	Not Relevant		
Conduct of series tests (A)	Not Relevant		
Maintenance of course diary (A)	Not Relevant		
Register showing Activity points (B)	Not Relevant		
Conduct of laboratory classes with relevant details(A)	Not Relevant		

Online Faculty evaluation and remarks of the HoD (A)	Not Relevant		
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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)	Updated. The registers are maintained properly	Noted
Advisory meetings and action taken report (B)	Excellent(5)	Updated and maintained properly	Noted
Result analysis of previous odd semester (A)	Good(4)	Need to improve the results	Students were appraised to modify their method of preparations for the examination and regular study.
Syllabus coverage as per course plan (A)	Good(4)	maintained in accordance with the academic calendar	Noted
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	Course materials are uploaded in the LMS	Noted
Conduct of minor/honours classes (A)	Excellent(5)	Honours classes are conducted properly	Noted
NPTEL/SWAYAM course materials recommended for reading (B)	Good(4)		Noted
Conduct of Internal assessments for theory and lab classes (A)	Good(4)	Internal assessment are conducted online	Noted
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)	Feedback is taken online	Noted
Conduct of series tests (A)	Good(4)	tests conducted	Noted
Maintenance of course diary (A)	Excellent(5)	Maintained properly	Noted
Register showing Activity points (B)	Excellent(5)	maintained	Noted

Conduct of laboratory classes with relevant details(A)	Good(4)	lab classes are conducted online	Noted
Online Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		Noted

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)	Maintained properly	Noted
Advisory meetings and action taken report (B)	Excellent(5)	Updated and maintained properly	Noted
Result analysis of previous odd semester (A)	Fair(3)	Need more attention to improving the results	Students were appraised to modify their method of preparations for the examination and regular study.
Syllabus coverage as per course plan (A)	Good(4)	maintained according to the academic calendar	Noted
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	Course materials are uploaded in the LMS	Noted
Conduct of minor/honours classes (A)	Excellent(5)	conducted in properly	Noted
NPTEL/SWAYAM course materials recommended for reading (B)	Good(4)		Noted
Conduct of Internal assessments for theory and lab classes (A)	Good(4)	Internal assessment are conducted online	Noted
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)	Feedback is taken online	Noted
Conduct of series tests (A)	Good(4)	tests conducted online	Noted
Maintenance of course diary (A)	Excellent(5)	Maintained properly	Noted

Register showing Activity points (B)	Excellent(5)	Maintained in compliance with the norms by the university	Noted
Conduct of laboratory classes with relevant details(A)	Good(4)	Lab classes are taken online	Noted
Online Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		Noted

COMPUTER SCIENCE & ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Good(4)	Registers are maintained properly	Noted
Advisory meetings and action taken report (B)	Excellent(5)	Meeting files are properly updated	Noted
Result analysis of previous odd semester (A)	Good(4)		Actions are being taken to improve the examination results by everyday study.
Syllabus coverage as per course plan (A)	Excellent(5)	Maintained in accordance with the academic calendar	Noted
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	Course materials are uploaded in LMS	Noted
Conduct of minor/honours classes (A)	Excellent(5)	Honours classes are conducted and maintained properly	Noted
NPTEL/SWAYAM course materials recommended for reading (B)	Excellent(5)		Noted
Conduct of Internal assessments for theory and lab classes (A)	Good(4)	Modules test conducted after conducting each modules	Noted
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)		Noted
Conduct of series tests (A)	Good(4)	conducted online	Noted

Maintenance of course diary (A)	Excellent(5)	Maintained properly	Noted
Register showing Activity points (B)	Excellent(5)	Updated	Noted
Conduct of laboratory classes with relevant details(A)	Excellent(5)	Online laboratory classes conducted in moodle software	Noted
Online Faculty evaluation amp remarks of the HoD (A)	Excellent(5)	Feedback file maintained properly	Noted

ELECTRONICS AND COMMUNICATION ENGINEERING(ADVANCED COMMUNICATION AND INFORMATION SYSTEM)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Not Relevant		
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(VLSI AND EMBEDDED SYSTEMS)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Excellent(5)	Maintained properly	Noted
Result analysis of previous odd semester (A)	Excellent(5)		Noted
Syllabus coverage as per course plan (A)	Excellent(5)	Maintained in accordance with the academic calendar	Noted
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	Course materials are uploaded in LMS	Noted
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)	Feedback takenonline	Noted
Maintenance of course diary (A)	Excellent(5)	Maintained properly	Noted
Conduct of Seminar Mini project (A)	Excellent(5)	proper references are made and filed	Noted
Faculty with Ph.D for the program (A)	Excellent(5)	Available as per norm	Noted
Students attending MOOC or other online courses (B)	Excellent(5)		Noted
Conduct of Thesis (A)	Excellent(5)	Maintained	Noted

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		
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		

MECHANICAL ENGINEERING(ADVANCED MANUFACTURING AND PRODUCTION MANAGEMENT)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Excellent(5)	Maintained properly	Noted
Result analysis of previous odd semester (A)	Excellent(5)		Noted
Syllabus coverage as per course plan (A)	Excellent(5)	Maintained in accordance with the academic calendar	Noted
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	Course materials are uploaded in LMS	Noted
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)	Feedback taken online	Noted
Maintenance of course diary (A)	Excellent(5)	Maintained	Noted
Conduct of Seminar Mini project (A)	Excellent(5)	Proper references are made and filed	Noted

Faculty with Ph.D for the program (A)	Excellent(5)	available as per norms	Noted
Students attending MOOC or other online courses (B)	Excellent(5)		Noted
Conduct of Thesis (A)	Excellent(5)	Maintained	Noted

CIVIL ENGINEERING(STRUCTURAL ENGINEERING AND CONSTRUCTION MANAGEMENT)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Excellent(5)	Maintained Properly	Noted
Result analysis of previous odd semester (A)	Excellent(5)		Noted
Syllabus coverage as per course plan (A)	Excellent(5)	Maintained in accordance with the academic calendar	Noted
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	Course materials are uploaded in LMS	Noted
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)	Feedback taken online	Noted
Maintenance of course diary (A)	Excellent(5)	Maintained	Noted
Conduct of Seminar Mini project (A)	Excellent(5)	Proper references are made and filed	Noted
Faculty with Ph.D for the program (A)	Excellent(5)	available as per norms	Noted
Students attending MOOC or other online courses (B)	Excellent(5)		Noted
Conduct of Thesis (A)	Excellent(5)	Maintained	Noted

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)	Excellent(5)	Maintained properly	Noted

Result analysis of previous odd semester (A)	Excellent(5)		Noted
Syllabus coverage as per course plan (A)	Excellent(5)	Maintained in accordance with the academic calendar	Noted
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	Course materials are uploaded in LMS	Noted
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)	Feedback is taken online	Noted
Maintenance of course diary (A)	Excellent(5)	Maintained properly	Noted
Conduct of Seminar Mini project (A)	Excellent(5)	Proper references are made and filed	Noted
Faculty with Ph.D for the program (A)	Excellent(5)	Available as per norms	Noted
Students attending MOOC or other online courses (B)	Excellent(5)		Noted
Conduct of Thesis (A)	Excellent(5)	Maintained	Noted

MECHANICAL ENGINEERING(IC ENGINES AND ENERGY SYSTEMS)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Not Relevant		
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		

MASTERS IN BUSINESS ADMINISTRATION-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Excellent(5)	Maintained properly	Noted
Result analysis of previous odd semester (A)	Excellent(5)		Noted
Syllabus coverage as per course plan (A)	Excellent(5)	Maintained in accordance with the academic calendar	Noted
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	Course materials are uploaded in LMS	Noted
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)	Feedback taken online	Noted
Maintenance of course diary (A)	Excellent(5)	Maintained properly	Noted
Conduct of Seminar Mini project (A)	Excellent(5)	Done properly	Noted
Faculty with Ph.D for the program (A)	Excellent(5)	Available as per norms	Noted
Students attending MOOC or other online courses (B)	Excellent(5)		Noted
Conduct of Thesis (A)	Excellent(5)	Maintained properly	Noted

MASTERS IN COMPUTER APPLICATIONS-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Excellent(5)	Maintained properly	Noted
Result analysis of previous odd semester (A)	Excellent(5)		Noted
Syllabus coverage as per course plan (A)	Excellent(5)	Maintained in accordance with the academic calendar	Noted
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	Course materials are uploaded in LMS	Noted
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)	Feedback taken online	Noted
Maintenance of course diary (A)	Excellent(5)	Maintained	Noted
Conduct of Seminar Mini project (A)	Excellent(5)	Done properly. References are given and filed	Noted
Faculty with Ph.D for the program (A)	Excellent(5)	Available as per norms	Noted
Students attending MOOC or other online courses (B)	Good(4)		Noted
Conduct of Thesis (A)	Excellent(5)	Maintained	Noted

MCA 2nd Year Direct-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Not Relevant		
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		