



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

Academic Audit Report
2018 - 2019

Basic Details

Institution	ST JOSEPHS COLLEGE OF ENGINEERING AND TECHNOLOGY PALAI
First Auditor Name	GEORGE JOHN P
Second Auditor Name	
Visit	First
Semester Type	Odd

General Assessment

Auditor's Comment	Principal's Response

College Specific Assessments

Key Aspects	Rating	Auditor Remarks	Principal's Response
Compliance to the Academic Calendar of KTU	Excellent(5)		Noted
Functioning of students grievances and appeal committee	Excellent(5)		Noted
Functioning of Academic Discipline & Welfare committee	Excellent(5)		Noted
Student feedback on co-curricular and extracurricular activities	Good(4)		More feedbacks will be taken and where improvements are required, actions will be taken.
Average student to faculty ratio index	Excellent(5)	SFRI = 1.04 Actual intake =1859	Noted

Progress of Monthly report uploading	Excellent(5)		Noted
Principal's response ON previous audit reports	Excellent(5)		Noted

B.Tech

No of B.Tech Students	1529
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ELECTRONICS & INSTRUMENTATION ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)		Noted
Schedule of Time Table	Excellent(5)		Noted
Attendance of students	Excellent(5)		Noted
Quantity & Quality of Assignments/Mini Projects	Good(4)		More number of quality assignments will be given in future semesters.
Conduct of Tutorial Classes	Excellent(5)		Noted
Syllabus coverage as per course plan	Excellent(5)		Noted
Use of ICT enabled teaching & Digital courses	Excellent(5)		Noted
Conduct of Practical classes	Excellent(5)		Noted
Syllabus coverage of practical courses	Excellent(5)		Noted
Evaluation of students performance in practical classes	Excellent(5)		Noted
Conduct of remedial/bridge classes	Good(4)		More number of remedial classes will be arranged to raise the standard of weak students.

Maintenance of course diary	Excellent(5)		Noted
Faculty evaluation by students	Excellent(5)		Noted
Student feedback on curriculum coverage	Excellent(5)		Noted
Student feedback on infrastructural facilities	Excellent(5)		Noted
Performance of students in the previous semester	Poor(2)	Overall pass = 28.57%	The quality of the intake is below average. However, steps are being taken to improve the results.
Conduct of seminar classes	Excellent(5)		Noted
Quality & Progress of projects	Excellent(5)		Noted

ELECTRONICS & COMMUNICATION ENGG-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)		Noted
Schedule of Time Table	Excellent(5)		Noted
Attendance of students	Excellent(5)		Noted
Quantity & Quality of Assignments/Mini Projects	Good(4)		HoD will monitor regularly in order to improve the quality and quantity of assignments/mini projects
Conduct of Tutorial Classes	Excellent(5)		Noted
Syllabus coverage as per course plan	Excellent(5)		Noted
Use of ICT enabled teaching & Digital courses	Excellent(5)		Noted
Conduct of Practical classes	Excellent(5)		Noted
Syllabus coverage of practical courses	Excellent(5)		Noted

Evaluation of students performance in practical classes	Good(4)		Student performance in practical classes will be evaluated regularly. Marks will be awarded to individual students in the respective lab itself.
Conduct of remedial/bridge classes	Excellent(5)		Noted
Maintenance of course diary	Excellent(5)		Noted
Faculty evaluation by students	Excellent(5)		Noted
Student feedback on curriculum coverage	Excellent(5)		Noted
Student feedback on infrastructural facilities	Excellent(5)		Noted
Performance of students in the previous semester	Poor(2)	Overall Pass = 46.15%	Coaching class for slow learners is introduced in this semester to improve the pass percentage.
Conduct of seminar classes	Excellent(5)		Noted
Quality & Progress of projects	Excellent(5)		Noted

CIVIL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)		Noted
Schedule of Time Table	Excellent(5)		Noted
Attendance of students	Excellent(5)		Noted
Quantity & Quality of Assignments/Mini Projects	Good(4)		More number of quality assignments will be given in future semesters.
Conduct of Tutorial Classes	Excellent(5)		Noted
Syllabus coverage as per course plan	Excellent(5)		Noted

Use of ICT enabled teaching & Digital courses	Excellent(5)		Noted
Conduct of Practical classes	Excellent(5)		Noted
Syllabus coverage of practical courses	Excellent(5)		Noted
Evaluation of students performance in practical classes	Excellent(5)		Noted
Conduct of remedial/bridge classes	Excellent(5)		Noted
Maintenance of course diary	Excellent(5)		Noted
Faculty evaluation by students	Excellent(5)		Noted
Student feedback on curriculum coverage	Excellent(5)		Noted
Student feedback on infrastructural facilities	Excellent(5)		Noted
Performance of students in the previous semester	Fair(3)	Overall Pass = 50.89%	Every possible step is taken to improve the pass percentage by giving special coaching classes.
Conduct of seminar classes	Excellent(5)		Noted
Quality & Progress of projects	Excellent(5)		Noted

APPLIED ELECTRONICS & INSTRUMENTATION ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Not Relevant		
Schedule of Time Table	Not Relevant		
Attendance of students	Not Relevant		
Quantity & Quality of Assignments/Mini Projects	Not Relevant		
Conduct of Tutorial Classes	Not Relevant		

Syllabus coverage as per course plan	Not Relevant		
Use of ICT enabled teaching & Digital courses	Not Relevant		
Conduct of Practical classes	Not Relevant		
Syllabus coverage of practical courses	Not Relevant		
Evaluation of students performance in practical classes	Not Relevant		
Conduct of remedial/bridge classes	Not Relevant		
Maintenance of course diary	Not Relevant		
Faculty evaluation by students	Not Relevant		
Student feedback on curriculum coverage	Not Relevant		
Student feedback on infrastructural facilities	Not Relevant		
Performance of students in the previous semester	Not Relevant		
Conduct of seminar classes	Not Relevant		
Quality & Progress of projects	Not Relevant		

MECHANICAL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)		Noted
Schedule of Time Table	Excellent(5)		Noted
Attendance of students	Excellent(5)		Noted
Quantity & Quality of Assignments/Mini Projects	Good(4)		More number of quality assignments will be given in future semesters.

Conduct of Tutorial Classes	Excellent(5)		Noted
Syllabus coverage as per course plan	Excellent(5)		Noted
Use of ICT enabled teaching & Digital courses	Excellent(5)		Noted
Conduct of Practical classes	Excellent(5)		Noted
Syllabus coverage of practical courses	Excellent(5)		Noted
Evaluation of students performance in practical classes	Good(4)		Student performance in practical classes will be evaluated regularly. Marks will be awarded to individual students in the respective lab itself.
Conduct of remedial/bridge classes	Excellent(5)		Noted
Maintenance of course diary	Excellent(5)		Noted
Faculty evaluation by students	Excellent(5)		Noted
Student feedback on curriculum coverage	Excellent(5)		Noted
Student feedback on infrastructural facilities	Excellent(5)		Noted
Performance of students in the previous semester	Poor(2)	Overall Pass = 42.29%	Earnest efforts are being made to improve the result.
Conduct of seminar classes	Excellent(5)		Noted
Quality & Progress of projects	Excellent(5)		Noted

ELECTRICAL AND ELECTRONICS ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)		Noted
Schedule of Time Table	Excellent(5)		Noted
Attendance of students	Excellent(5)		Noted

Quantity & Quality of Assignments/Mini Projects	Good(4)		Quality assignments will be checked by the stream coordinator in future semesters.
Conduct of Tutorial Classes	Excellent(5)		Noted
Syllabus coverage as per course plan	Excellent(5)		Noted
Use of ICT enabled teaching & Digital courses	Excellent(5)		Noted
Conduct of Practical classes	Excellent(5)		Noted
Syllabus coverage of practical courses	Excellent(5)		Noted
Evaluation of students performance in practical classes	Excellent(5)		Noted
Conduct of remedial/bridge classes	Excellent(5)		Noted
Maintenance of course diary	Excellent(5)		Noted
Faculty evaluation by students	Excellent(5)		Noted
Student feedback on curriculum coverage	Excellent(5)		Noted
Student feedback on infrastructural facilities	Excellent(5)		Noted
Performance of students in the previous semester	Poor(2)	Overall Pass = 43.43%	All round efforts are made to improve the results. However students fail to cope up to the required level of learning and reproduction in university exams
Conduct of seminar classes	Excellent(5)		Noted
Quality & Progress of projects	Excellent(5)		Noted

COMPUTER SCIENCE & ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)		Noted
Schedule of Time Table	Excellent(5)		Noted
Attendance of students	Excellent(5)		Noted
Quantity & Quality of Assignments/Mini Projects	Good(4)		More number of quality assignments will be given in future semesters.
Conduct of Tutorial Classes	Excellent(5)		Noted
Syllabus coverage as per course plan	Excellent(5)		Noted
Use of ICT enabled teaching & Digital courses	Excellent(5)		Noted
Conduct of Practical classes	Excellent(5)		Noted
Syllabus coverage of practical courses	Excellent(5)		Noted
Evaluation of students performance in practical classes	Excellent(5)		Noted
Conduct of remedial/bridge classes	Excellent(5)		Noted
Maintenance of course diary	Excellent(5)		Noted
Faculty evaluation by students	Excellent(5)		Noted
Student feedback on curriculum coverage	Excellent(5)		Noted
Student feedback on infrastructural facilities	Excellent(5)		Noted
Performance of students in the previous semester	Fair(3)	Pass % is 51.1	Measures will be taken to improve the pass percentage.
Conduct of seminar classes	Excellent(5)		Noted
Quality & Progress of projects	Excellent(5)		Noted

M.Tech

No of M.Tech Students	160
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ELECTRICAL AND ELECTRONICS ENGINEERING(POWER ELECTRONICS)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Not Relevant		
Schedule of Time Table	Not Relevant		
Attendance of students	Not Relevant		
Quantity & Quality of Assignments/Mini Projects	Not Relevant		
Conduct of Tutorial Classes	Not Relevant		
Syllabus coverage as per course plan	Not Relevant		
Use of ICT enabled teaching & Digital courses	Not Relevant		
Conduct of Practical classes	Not Relevant		
Syllabus coverage of practical courses	Not Relevant		
Evaluation of students performance in practical classes	Not Relevant		
Conduct of remedial/bridge classes	Not Relevant		
Maintenance of course diary	Not Relevant		
Faculty evaluation by students	Not Relevant		
Student feedback on curriculum coverage	Not Relevant		
Student feedback on infrastructural facilities	Not Relevant		
Performance of students in the previous semester	Not Relevant		

Conduct of seminar classes	Not Relevant		
Quality & Progress of projects	Not Relevant		

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

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)		Noted
Schedule of Time Table	Excellent(5)		Noted
Attendance of students	Excellent(5)		Noted
Quantity & Quality of Assignments/Mini Projects	Good(4)		More number of quality assignments will be given in future semesters.
Conduct of Tutorial Classes	Excellent(5)		Noted
Syllabus coverage as per course plan	Excellent(5)		Noted
Use of ICT enabled teaching & Digital courses	Excellent(5)		Noted
Conduct of Practical classes	Excellent(5)		Noted
Syllabus coverage of practical courses	Excellent(5)		Noted
Evaluation of students performance in practical classes	Excellent(5)		Noted
Conduct of remedial/bridge classes	Excellent(5)		Noted
Maintenance of course diary	Excellent(5)		Noted
Faculty evaluation by students	Excellent(5)		Noted
Student feedback on curriculum coverage	Excellent(5)		Noted
Student feedback on infrastructural facilities	Excellent(5)		Noted

Performance of students in the previous semester	Excellent(5)	Overall pass =100%	Noted
Conduct of seminar classes	Excellent(5)		Noted
Quality & Progress of projects	Excellent(5)		Noted

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

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)		Noted
Schedule of Time Table	Excellent(5)		Noted
Attendance of students	Excellent(5)		Noted
Quantity & Quality of Assignments/Mini Projects	Good(4)		More number of quality assignments will be given in future semesters.
Conduct of Tutorial Classes	Excellent(5)		Noted
Syllabus coverage as per course plan	Excellent(5)		Noted
Use of ICT enabled teaching & Digital courses	Excellent(5)		Noted
Conduct of Practical classes	Excellent(5)		Noted
Syllabus coverage of practical courses	Excellent(5)		Noted
Evaluation of students performance in practical classes	Excellent(5)		Noted
Conduct of remedial/bridge classes	Excellent(5)		Noted
Maintenance of course diary	Excellent(5)		Noted
Faculty evaluation by students	Excellent(5)		Noted
Student feedback on curriculum coverage	Excellent(5)		Noted

Student feedback on infrastructural facilities	Excellent(5)		Noted
Performance of students in the previous semester	Excellent(5)	Overall Pass = 100%	Noted
Conduct of seminar classes	Excellent(5)		Noted
Quality & Progress of projects	Excellent(5)		Noted

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

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)		Noted
Schedule of Time Table	Excellent(5)		Noted
Attendance of students	Excellent(5)		Noted
Quantity & Quality of Assignments/Mini Projects	Good(4)		More number of quality assignments will be given in future semesters.
Conduct of Tutorial Classes	Excellent(5)		Noted
Syllabus coverage as per course plan	Excellent(5)		Noted
Use of ICT enabled teaching & Digital courses	Excellent(5)		Noted
Conduct of Practical classes	Excellent(5)		Noted
Syllabus coverage of practical courses	Excellent(5)		Noted
Evaluation of students performance in practical classes	Excellent(5)		Noted
Conduct of remedial/bridge classes	Excellent(5)		Noted
Maintenance of course diary	Excellent(5)		Noted
Faculty evaluation by students	Excellent(5)		Noted

Student feedback on curriculum coverage	Excellent(5)		Noted
Student feedback on infrastructural facilities	Excellent(5)		Noted
Performance of students in the previous semester	Excellent(5)	Overall Pass =100%	Noted
Conduct of seminar classes	Excellent(5)		Noted
Quality & Progress of projects	Excellent(5)		Noted

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

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)		Noted
Schedule of Time Table	Excellent(5)		Noted
Attendance of students	Excellent(5)		Noted
Quantity & Quality of Assignments/Mini Projects	Good(4)		HoD will monitor regularly in order to improve the quality and quantity of assignments/mini projects
Conduct of Tutorial Classes	Excellent(5)		Noted
Syllabus coverage as per course plan	Excellent(5)		Noted
Use of ICT enabled teaching & Digital courses	Excellent(5)		Noted
Conduct of Practical classes	Excellent(5)		Noted
Syllabus coverage of practical courses	Excellent(5)		Noted
Evaluation of students performance in practical classes	Excellent(5)		Noted
Conduct of remedial/bridge classes	Excellent(5)		Noted
Maintenance of course diary	Excellent(5)		Noted

Faculty evaluation by students	Excellent(5)		Noted
Student feedback on curriculum coverage	Excellent(5)		Noted
Student feedback on infrastructural facilities	Excellent(5)		Noted
Performance of students in the previous semester	Excellent(5)	Overall Pass = 100%	Noted
Conduct of seminar classes	Excellent(5)		Noted
Quality & Progress of projects	Excellent(5)		Noted

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

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)		Noted
Schedule of Time Table	Excellent(5)		Noted
Attendance of students	Excellent(5)		Noted
Quantity & Quality of Assignments/Mini Projects	Good(4)		More number of quality assignments will be given in future semesters.
Conduct of Tutorial Classes	Excellent(5)		Noted
Syllabus coverage as per course plan	Excellent(5)		Noted
Use of ICT enabled teaching & Digital courses	Excellent(5)		Noted
Conduct of Practical classes	Excellent(5)		Noted
Syllabus coverage of practical courses	Excellent(5)		Noted
Evaluation of students performance in practical classes	Good(4)		Student performance in practical classes will be evaluated regularly. Marks will be awarded to individual students in the respective lab itself.

Conduct of remedial/bridge classes	Excellent(5)		Noted
Maintenance of course diary	Excellent(5)		Noted
Faculty evaluation by students	Excellent(5)		Noted
Student feedback on curriculum coverage	Excellent(5)		Noted
Student feedback on infrastructural facilities	Excellent(5)		Noted
Performance of students in the previous semester	Good(4)	Overall Pass = 83.33%	The aim is to bring the result cent percentage. Students and faculty are at it.
Conduct of seminar classes	Excellent(5)		Noted
Quality & Progress of projects	Excellent(5)		Noted

ELECTRONICS AND COMMUNICATION ENGINEERING(VLSI AND EMBEDDED SYSTEMS)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)		Noted
Schedule of Time Table	Excellent(5)		Noted
Attendance of students	Excellent(5)		Noted
Quantity & Quality of Assignments/Mini Projects	Good(4)		HoD will monitor regularly in order to improve the quality and quantity of assignments/mini projects
Conduct of Tutorial Classes	Excellent(5)		Noted
Syllabus coverage as per course plan	Excellent(5)		Noted
Use of ICT enabled teaching & Digital courses	Excellent(5)		Noted
Conduct of Practical classes	Excellent(5)		Noted
Syllabus coverage of practical courses	Excellent(5)		Noted

Evaluation of students performance in practical classes	Excellent(5)		Noted
Conduct of remedial/bridge classes	Excellent(5)		Noted
Maintenance of course diary	Excellent(5)		Noted
Faculty evaluation by students	Excellent(5)		Noted
Student feedback on curriculum coverage	Excellent(5)		Noted
Student feedback on infrastructural facilities	Excellent(5)		Noted
Performance of students in the previous semester	Excellent(5)	Overall Pass = 100%	Noted
Conduct of seminar classes	Excellent(5)		Noted
Quality & Progress of projects	Excellent(5)		Noted

MBA

No of MBA Students	132
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MASTERS IN BUSINESS ADMINISTRATION-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)		Noted
Schedule of Time Table	Excellent(5)		Noted
Attendance of students	Excellent(5)		Noted
Quantity & Quality of Assignments/Mini Projects	Good(4)		More number of quality assignments will be given in future semesters.
Conduct of Tutorial Classes	Good(4)		Will be improved
Syllabus coverage as per course plan	Excellent(5)		Noted
Use of ICT enabled teaching & Digital courses	Excellent(5)		Noted

Conduct of Practical classes	Excellent(5)		Noted
Syllabus coverage of practical courses	Excellent(5)		Noted
Evaluation of students performance in practical classes	Excellent(5)		Noted
Conduct of remedial/bridge classes	Excellent(5)		Noted
Maintenance of course diary	Excellent(5)		Noted
Faculty evaluation by students	Excellent(5)		Noted
Student feedback on curriculum coverage	Good(4)		will be improved
Student feedback on infrastructural facilities	Excellent(5)		Noted
Performance of students in the previous semester	Fair(3)	Overall pass = 70.93%	Measures are on the anvil to raise pass percentage.
Conduct of seminar classes	Excellent(5)		Noted
Quality & Progress of projects	Excellent(5)		Noted

MCA

No of MCA Students	70
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MASTERS IN COMPUTER APPLICATIONS-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)		Noted
Schedule of Time Table	Excellent(5)		Noted
Attendance of students	Excellent(5)		Noted
Quantity & Quality of Assignments/Mini Projects	Good(4)		Noted
Conduct of Tutorial Classes	Excellent(5)		Noted

Syllabus coverage as per course plan	Excellent(5)		Noted
Use of ICT enabled teaching & Digital courses	Excellent(5)		Noted
Conduct of Practical classes	Excellent(5)		Noted
Syllabus coverage of practical courses	Excellent(5)		Noted
Evaluation of students performance in practical classes	Excellent(5)		Noted
Conduct of remedial/bridge classes	Good(4)		More bridge classes will be arranged.
Maintenance of course diary	Excellent(5)		Noted
Faculty evaluation by students	Excellent(5)		Noted
Student feedback on curriculum coverage	Excellent(5)		Noted
Student feedback on infrastructural facilities	Excellent(5)		Noted
Performance of students in the previous semester	Fair(3)	Overall pass = 60.65%	Will be improved.
Conduct of seminar classes	Excellent(5)		Noted
Quality & Progress of projects	Excellent(5)		Noted

MCA (Second Year Direct)

No of MCA (Second Year Direct) Students	132
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MCA 2nd Year Direct-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)		Noted
Schedule of Time Table	Excellent(5)		Noted
Attendance of students	Excellent(5)		Noted

Quantity & Quality of Assignments/Mini Projects	Good(4)		More number of quality assignments will be given in future semesters.
Conduct of Tutorial Classes	Excellent(5)		Noted
Syllabus coverage as per course plan	Excellent(5)		Noted
Use of ICT enabled teaching & Digital courses	Excellent(5)		Noted
Conduct of Practical classes	Excellent(5)		Noted
Syllabus coverage of practical courses	Excellent(5)		Noted
Evaluation of students performance in practical classes	Excellent(5)		Noted
Conduct of remedial/bridge classes	Good(4)		More remedial classes will be arranged.
Maintenance of course diary	Excellent(5)		Noted
Faculty evaluation by students	Excellent(5)		Noted
Student feedback on curriculum coverage	Excellent(5)		Noted
Student feedback on infrastructural facilities	Excellent(5)		Noted
Performance of students in the previous semester	Good(4)	Overall pass = 87.01%	Will be improved
Conduct of seminar classes	Excellent(5)		Noted
Quality & Progress of projects	Excellent(5)		Noted