



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

Academic Audit Report
2019 - 2020

Basic Details

Institution	IES COLLEGE OF ENGINEERING
First Auditor Name	Aswathy Wilson
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	Excellent(5)	semester classes were started in the exact date specified in the academic calendar	Will be continued
Functioning of students grievances and appeal committee	Good(4)	grievances were handled with in the department itself.	Will be continued
Functioning of Academic Discipline & Welfare committee	Good(4)	giving financial assistant to the students those who were needed	Will be continued
Facility for co- curricular and extracurricular activities	Excellent(5)	Techfest , arts,sports ,seminar .workshops, association activities files were verified	The efforts will be continued.
Average student to faculty ratio	Excellent(5)	Total No of Faculties are 69.sanctioned strength is 1326.So SFR IS 1.04	Will be continued
Faculty Retention	Excellent(5)		

Faculty Qualification Index	Poor(2)	The faculties with PhD is 4	Will improve the faculty qualification index. Motivating faculty to register research (Ph.D)
Number of qualified technical staff	Good(4)	Total no.of non Teaching Staff is 23	Will be continued
Facility of central library with respect to volume and title of books, online & print journals	Fair(3)	No. of titles is 5461 and No.Of volume is 19409,National journal-13,Inter National Journal -6. there is no transaction and journal as per the AICTE norms.	Purchase of Journal is under process.
Functioning of IQAC and progress of IQAC report uploading	Excellent(5)	yes uploaded	Will be continued
Principal's response on previous audit reports	Excellent(5)	yes responded	Will be continued

Student Interaction

Key Aspects	Rating	Auditor Remarks	Principal's Response
Syllabus coverage	Excellent(5)	as per ktu academic calendar	The efforts will be continued.
Lab Facility and conduct of Labs	Excellent(5)	lab sessions were going well	The efforts will be continued.
Co-curricular facility	Excellent(5)	Tech fest, Association programs, professional body activities etc	The efforts will be continued.
Extra-curricular facility	Excellent(5)	Arts, Sports. Onam celebrations	The efforts will be continued.
All intimation from University conveyed properly in time	Excellent(5)	yes students are getting in right time	The efforts will be continued.
Extra fees/fine imposed on students	Excellent(5)	no	
Approach of the management in addressing student grievances	Excellent(5)	students are highly satisfied with management approach to them	The efforts will be continued.
Availability of Faculty for all subjects	Excellent(5)	yes	Will be continued.
Any other remarks	Excellent(5)	students express their concern about the valuation. most of the students are failed in the first valuation , after the revaluation a large no of students getting passed..	University may look into the matter.

B.Tech

No of B.Tech Students	670
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CIVIL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report	Excellent(5)	class /course committee reports and action taken is verified	Will be continued

Advisory meetings and action taken report	Good(4)	verified	Will be continued
Schedule of Time Table	Excellent(5)		
Conduct of Tutorial Classes	Excellent(5)	separate tutorial register is maintained	Will be continued
Conduct of series tests	Excellent(5)	its completed before the stipulated time in academic calendar	Will be continued
Syllabus coverage of practical course	Excellent(5)	verified course diary of lab course and sample record.Syllabus covered according to the academic calendar.	Will be continued
Evaluation of students performance in practical classes	Excellent(5)	verified the no of experiments and title of experiments in the sample work record .daily evaluation sheet is kept in the course diary.95% of experiments were completed.	Will be continued
Conduct of Practical test	Excellent(5)		
Facility to do experiments in the lab	Excellent(5)	verified the stock register maintenance register and log book	Will be continued
Conduct of remedial/minor/honours classes	Excellent(5)	Remedial register is maintained well. also remedial classes were giving to the needy students	Will be continued
Assessment of Outcomes	Good(4)	started to do the CO/PO	Will be continued
Faculty evaluation & remarks of the HOD	Excellent(5)		
Facility in the department library for references	Good(4)	tittles and volumes of books are satisfactory.Lacking of transactions and journals .	Purchase of Journals are under process.
Maintenance of course diary	Excellent(5)	course diary contains all the relevant documents related each subject.	Will be continued

Syllabus coverage as per course plan	Excellent(5)	Syllabus coverage is adherence to KTU academic calendar	Will be continued
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ELECTRICAL AND ELECTRONICS ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report	Excellent(5)		
Advisory meetings and action taken report	Good(4)		
Schedule of Time Table	Excellent(5)		
Conduct of Tutorial Classes	Excellent(5)		
Conduct of series tests	Excellent(5)		
Syllabus coverage of practical course	Excellent(5)		
Evaluation of students performance in practical classes	Excellent(5)		
Conduct of Practical test	Excellent(5)		
Facility to do experiments in the lab	Excellent(5)		
Conduct of remedial/minor/honours classes	Excellent(5)		
Assessment of Outcomes	Good(4)		
Faculty evaluation & remarks of the HOD	Excellent(5)		
Facility in the department library for references	Good(4)		
Maintenance of course diary	Excellent(5)		
Syllabus coverage as per course plan	Excellent(5)		

COMPUTER SCIENCE & ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report	Excellent(5)	class /course committee reports and action taken is verified	The effort s will be continued.
Advisory meetings and action taken report	Good(4)	verified	Will be continued
Schedule of Time Table	Excellent(5)	its kept in the course diary	Will be continued
Conduct of Tutorial Classes	Excellent(5)	separate tutorial register is maintained	Will be continued
Conduct of series tests	Excellent(5)	its completed before the stipulated time in academic calendar	Will be continued
Syllabus coverage of practical course	Excellent(5)	verified course diary of lab course and sample record.Syllabus covered according to the academic calendar.	The efforts will be continued.
Evaluation of students performance in practical classes	Excellent(5)	verified the no of experiments and title of experiments in the sample work record .daily evaluation sheet is kept in the course diary.95% of experiments were completed.	The effort s will be continued.
Conduct of Practical test	Excellent(5)		
Facility to do experiments in the lab	Excellent(5)	verified the stock register and log register	Will be continued
Conduct of remedial/minor/honours classes	Excellent(5)	Remedial Register is maintained well.	Will be continued
Assessment of Outcomes	Good(4)	Started to do the CO/PO	Will be continued
Faculty evaluation & remarks of the HOD	Excellent(5)		
Facility in the department library for references	Good(4)	Incorporate more transactions and Journals.	Purchase of Journals are under process.
Maintenance of course diary	Excellent(5)		

Syllabus coverage as per course plan	Excellent(5)		
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MECHANICAL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report	Excellent(5)		
Advisory meetings and action taken report	Good(4)		
Schedule of Time Table	Excellent(5)		
Conduct of Tutorial Classes	Excellent(5)		
Conduct of series tests	Excellent(5)		
Syllabus coverage of practical course	Excellent(5)		
Evaluation of students performance in practical classes	Excellent(5)		
Conduct of Practical test	Excellent(5)		
Facility to do experiments in the lab	Excellent(5)		
Conduct of remedial/minor/honours classes	Excellent(5)		
Assessment of Outcomes	Excellent(5)		
Faculty evaluation & remarks of the HOD	Excellent(5)		
Facility in the department library for references	Good(4)		
Maintenance of course diary	Excellent(5)		
Syllabus coverage as per course plan	Excellent(5)		

ELECTRONICS & COMMUNICATION ENGG-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report	Excellent(5)		
Advisory meetings and action taken report	Good(4)		
Schedule of Time Table	Excellent(5)		
Conduct of Tutorial Classes	Excellent(5)		
Conduct of series tests	Excellent(5)		
Syllabus coverage of practical course	Excellent(5)		
Evaluation of students performance in practical classes	Excellent(5)		
Conduct of Practical test	Excellent(5)		
Facility to do experiments in the lab	Excellent(5)		
Conduct of remedial/minor/honours classes	Excellent(5)		
Assessment of Outcomes	Good(4)		
Faculty evaluation & remarks of the HOD	Excellent(5)		
Facility in the department library for references	Good(4)		
Maintenance of course diary	Excellent(5)		
Syllabus coverage as per course plan	Excellent(5)		

M.Tech

No of M.Tech Students	46
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ELECTRONICS AND COMMUNICATION ENGINEERING(VLSI DESIGN)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
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Maintenance of course diary	Excellent(5)		
Syllabus coverage as per course plan	Excellent(5)		
Class committee meetings and action taken report	Excellent(5)		
Conduct of Seminar & Mini project	Excellent(5)		
Conduct of Thesis	Excellent(5)		
Faculty with Ph.D for the program	Excellent(5)	no.of faculty with PhD is One	Motivating the faculty to register for Ph.D
Students attending MOOC or other online courses	Excellent(5)		
Facility in the department library for journal reference	Good(4)		
Computing facility in the department	Good(4)		
Facility available in the department to do thesis work(all relevant licensed software)	Excellent(5)	matlab ,xilinx are avialable	Will be continued

CIVIL ENGINEERING(GEOTECHNICAL ENGINEERING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Maintenance of course diary	Excellent(5)		
Syllabus coverage as per course plan	Excellent(5)		
Class committee meetings and action taken report	Excellent(5)		
Conduct of Seminar & Mini project	Excellent(5)		
Conduct of Thesis	Excellent(5)		
Faculty with Ph.D for the program	Excellent(5)		
Students attending MOOC or other online courses	Excellent(5)		

Facility in the department library for journal reference	Good(4)		
Computing facility in the department	Excellent(5)		
Facility available in the department to do thesis work(all relevant licensed software)	Good(4)	yes available	Will be continued

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

Key Aspects	Rating	Auditor Remarks	Principal's Response
Maintenance of course diary	Excellent(5)		
Syllabus coverage as per course plan	Excellent(5)		
Class committee meetings and action taken report	Excellent(5)		
Conduct of Seminar & Mini project	Excellent(5)		
Conduct of Thesis	Excellent(5)		
Faculty with Ph.D for the program	Excellent(5)	No.Of faculty with PhD is two	Will be continued
Students attending MOOC or other online courses	Good(4)		
Facility in the department library for journal reference	Good(4)		
Computing facility in the department	Excellent(5)	sufficient no. of computers are available	Will be continued
Facility available in the department to do thesis work(all relevant licensed software)	Good(4)	open source software were used	Will be continued