



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

Academic Audit Report
2022 - 2023

Basic Details

Institution	ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY
First Auditor Name	Dr Faisal M H
Second Auditor Name	Dr Abraham C G
Visit	First
Semester Type	Odd

College Specific Assessments

Key Aspects	Rating	Auditor Remarks	Principal's Response
Compliance to the Academic Calendar of KTU (A)	Good(4)		
Functioning of students grievances and appeal committee (A)	Excellent(5)	No action taken report	Action taken report will be incorporated.
Functioning of Academic Discipline Welfare committee (A)	Good(4)	No Welfare Committee constitution letter	constitution of Welfare Committee will be included
Average student to faculty ratio (A)	Excellent(5)	No of faculties available 68 Avg Sfaculty Ratio 1.33	SFR according to actualstudent intake will bemaintained.
Faculty Retention (A)	Good(4)		will be improved
Faculty Qualification Index (A)	Good(4)	Faculty Qualification Index 6.11	will be improved
Number of qualified technical staff (A)	Good(4)	No of Technical staff 18	

Facility of central library with respect to volume and title of books, online print journals (A)	Good(4)	Total Volume 27930 TOATAL TITLES 7710	
Functioning of IQAC and Progress of IQAC report uploading (A)	Good(4)		will be improved.
Institution Budget (A)	Good(4)		will be improved.
Details of central computing facility (A)	Fair(3)	Total number of system 187 and 30 systems available in central computing Centre	Measures for up gradation is initiated.
Principals response on previous audit reports (A)	Excellent(5)		

Student Interaction

Key Aspects	Rating	Auditor Remarks	Principal's Response
Syllabus coverage (B)	Good(4)		For excellent response measures are taken place.
Lab Facility and conduct of Labs (B)	Fair(3)		Will be maintained
Co-curricular facility (B)	Good(4)		Will be better.
Extra-curricular facility (B)	Fair(3)		Will be better.
Transferring all intimation from University in time (B)	Good(4)		Will be maintained
Approach of the management in addressing student grievance (B)	Good(4)		Can be made better.
Availability of Faculty for all subjects (A)	Good(4)		Quality improvement initiatives are going on.
Any other remarks (C)	Good(4)		
Extra fees/fine imposed on students (B)	Good(4)		

CIVIL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Placement Status	Poor(2)	4 placed out of 31	will be improved.
Class/course committee meetings and action taken report (B)	Excellent(5)		will be maintained.
Advisory meetings and action taken report (B)	Good(4)		
Syllabus coverage as per course plan (B)	Good(4)		
Conduct of Tutorial Classes (B)	Excellent(5)		will be maintained.
Evaluation of Answer Scripts (A):	Excellent(5)		will be maintained.
Conduct of practical courses (B)	Good(4)		
Evaluation of students performance in practical classes (A):	Good(4)		
Facility to do experiments in the lab (A)	Good(4)		
Conduct of remedial/minor/honours classes (B)	Good(4)		
Maintenance of course diary (A)	Excellent(5)		will be maintained.
Assessment of Outcomes (A)	Good(4)		
Faculty evaluation amp remarks of the HoD (A)	Good(4)		
Conduct of Seminar, Project and Thesis (A)	Good(4)		
Computing facility in the department (A)	Good(4)		
Facility for co-curricular and extracurricular activities (B)	Good(4)		

Students attending MOOC or other online courses (B)	Poor(2)	3 students registered	MOOC awareness to students are in progress.
Maintenance of A1, A2 and A3 files.	Fair(3)		will be improved
Maintenance of B files.	Fair(3)		will be improved
Maintenance of C and D files.	Fair(3)		will be improved

ELECTRICAL AND ELECTRONICS ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Placement Status	Poor(2)	2 placed out of 15	Will be improved
Class/course committee meetings and action taken report (B)	Good(4)		
Advisory meetings and action taken report (B)	Good(4)		
Syllabus coverage as per course plan (B)	Good(4)		
Conduct of Tutorial Classes (B)	Excellent(5)		will be maintained.
Evaluation of Answer Scripts (A):	Excellent(5)		will be maintained.
Conduct of practical courses (B)	Excellent(5)		will be maintained.
Evaluation of students performance in practical classes (A):	Good(4)		
Facility to do experiments in the lab (A)	Good(4)		
Conduct of remedial/minor/honours classes (B)	Fair(3)		Will be improved
Maintenance of course diary (A)	Good(4)		
Assessment of Outcomes (A)	Good(4)		

Faculty evaluation and remarks of the HoD (A)	Good(4)		
Conduct of Seminar, Project and Thesis (A)	Good(4)		
Computing facility in the department (A)	Good(4)		
Facility for co-curricular and extracurricular activities (B)	Good(4)		
Students attending MOOC or other online courses (B)	Poor(2)		MOOC awareness to students are in progress.
Maintenance of A1, A2 and A3 files.	Fair(3)		Will be improved
Maintenance of B files.	Fair(3)		Will be improved
Maintenance of C and D files.	Fair(3)		Will be improved

Artificial Intelligence and Data Science-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Placement Status	Not Relevant	program started in the year 2021-22	
Class/course committee meetings and action taken report (B)	Good(4)		
Advisory meetings and action taken report (B)	Good(4)		
Syllabus coverage as per course plan (B)	Good(4)		
Conduct of Tutorial Classes (B)	Excellent(5)		will be maintained.
Evaluation of Answer Scripts (A):	Good(4)		
Conduct of practical courses (B)	Good(4)		
Evaluation of students performance in practical classes (A):	Good(4)		

Facility to do experiments in the lab (A)	Good(4)		
Conduct of remedial/minor/honours classes (B)	Fair(3)		will be improved
Maintenance of course diary (A)	Good(4)		
Assessment of Outcomes (A)	Good(4)		
Faculty evaluation and remarks of the HoD (A)	Good(4)		
Conduct of Seminar, Project and Thesis (A)	Good(4)		
Computing facility in the department (A)	Good(4)		
Facility for co-curricular and extracurricular activities (B)	Good(4)		
Students attending MOOC or other online courses (B)	Poor(2)		
Maintenance of A1, A2 and A3 files.	Fair(3)		will be improved
Maintenance of B files.	Fair(3)		will be improved
Maintenance of C and D files.	Fair(3)		will be improved

ELECTRONICS & COMMUNICATION ENGG-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Placement Status	Poor(2)		
Class/course committee meetings and action taken report (B)	Excellent(5)		Will be maintained
Advisory meetings and action taken report (B)	Good(4)		will be improved
Syllabus coverage as per course plan (B)	Good(4)		will be improved
Conduct of Tutorial Classes (B)	Good(4)		will be improved

Evaluation of Answer Scripts (A):	Good(4)		will be improved
Conduct of practical courses (B)	Good(4)		will be improved
Evaluation of students performance in practical classes (A):	Good(4)		Will be maintained
Facility to do experiments in the lab (A)	Good(4)		Will be maintained
Conduct of remedial/minor/honours classes (B)	Fair(3)		will be improved
Maintenance of course diary (A)	Good(4)		
Assessment of Outcomes (A)	Good(4)		
Faculty evaluation amp remarks of the HoD (A)	Good(4)		
Conduct of Seminar, Project and Thesis (A)	Good(4)		
Computing facility in the department (A)	Fair(3)		will be improved
Facility for co-curricular and extracurricular activities (B)	Good(4)		
Students attending MOOC or other online courses (B)	Poor(2)		MOOC awareness to students are in progress
Maintenance of A1, A2 and A3 files.	Fair(3)		will be improved
Maintenance of B files.	Fair(3)		will be improved
Maintenance of C and D files.	Fair(3)		will be improved

MECHANICAL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Placement Status	Poor(2)	1 placed out of 38 student	will be improved

Class/course committee meetings and action taken report (B)	Excellent(5)		
Advisory meetings and action taken report (B)	Good(4)		
Syllabus coverage as per course plan (B)	Good(4)		
Conduct of Tutorial Classes (B)	Good(4)		
Evaluation of Answer Scripts (A):	Good(4)		
Conduct of practical courses (B)	Fair(3)		will be improved
Evaluation of students performance in practical classes (A):	Fair(3)		will be improved
Facility to do experiments in the lab (A)	Good(4)		
Conduct of remedial/minor/honours classes (B)	Good(4)		
Maintenance of course diary (A)	Good(4)		
Assessment of Outcomes (A)	Good(4)		
Faculty evaluation amp remarks of the HoD (A)	Good(4)		
Conduct of Seminar, Project and Thesis (A)	Good(4)		
Computing facility in the department (A)	Good(4)		
Facility for co-curricular and extracurricular activities (B)	Good(4)		
Students attending MOOC or other online courses (B)	Poor(2)	5 students registered	More awareness to students are in progress.
Maintenance of A1, A2 and A3 files.	Fair(3)		will be improved

Maintenance of B files.	Fair(3)		will be improved
Maintenance of C and D files.	Fair(3)		will be improved

COMPUTER SCIENCE & ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Placement Status	Fair(3)	16 placed out of 61 students	will be improved
Class/course committee meetings and action taken report (B)	Good(4)		
Advisory meetings and action taken report (B)	Good(4)		
Syllabus coverage as per course plan (B)	Good(4)		
Conduct of Tutorial Classes (B)	Excellent(5)		will be maintained.
Evaluation of Answer Scripts (A):	Excellent(5)		will be maintained.
Conduct of practical courses (B)	Good(4)		
Evaluation of students performance in practical classes (A):	Excellent(5)		will be maintained.
Facility to do experiments in the lab (A)	Good(4)		
Conduct of remedial/minor/honours classes (B)	Good(4)		
Maintenance of course diary (A)	Excellent(5)		
Assessment of Outcomes (A)	Good(4)		
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		will be maintained.
Conduct of Seminar, Project and Thesis (A)	Good(4)		

Computing facility in the department (A)	Good(4)		
Facility for co-curricular and extracurricular activities (B)	Good(4)		
Students attending MOOC or other online courses (B)	Fair(3)	32 students registered	MOOC awareness to students are in progress.
Maintenance of A1, A2 and A3 files.	Excellent(5)		will be maintained.
Maintenance of B files.	Good(4)		
Maintenance of C and D files.	Excellent(5)		will be maintained.

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

Key Aspects	Rating	Auditor Remarks	Principal's Response
Placement Status	Fair(3)		
Class/course committee meetings and action taken report (B)	Excellent(5)		
Syllabus coverage as per course plan (B)	Good(4)		
Evaluation of Answer Scripts (A):	Good(4)		
Maintenance of course diary (A)	Good(4)		
Faculty evaluation amp remarks of the HoD (A)	Good(4)		
Facility in the department library for references (C)	Good(4)		
Conduct of Seminar, Project and Thesis (A)	Good(4)		
Faculty with Ph.D for the program (A)	Fair(3)		
Computing facility in the department (A)	Good(4)		
Facility for co-curricular and extracurricular activities (B)	Good(4)		

Students attending MOOC or other online courses (B)	Poor(2)		
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