



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

**Academic Audit Report**  
**2021 - 2022**

**Basic Details**

Institution	<b>CARMEL COLLEGE OF ENGINEERING AND TECHNOLOGY</b>
First Auditor Name	<b>Raju M</b>
Second Auditor Name	
Visit	<b>First</b>
Semester Type	<b>Even</b>

**College Specific Assessments**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Compliance to the Academic Calendar of KTU (A)	Excellent(5)	Follows academic calendar	
Functioning of students grievances and appeal committee (A)	Excellent(5)	Functioning	
Functioning of Academic Discipline Welfare committee (A)	Excellent(5)	Functioning	
Average student to faculty ratio (A)	Excellent(5)	1.08	
Faculty Retention (A)	Excellent(5)	>1 for last three years	
Faculty Qualification Index (A)	Poor(2)	4.5	
Number of qualified technical staff (A)	Excellent(5)	48	

Facility of central library with respect to volume and title of books, online print journals (A)	Excellent(5)	8260 volumes 1925 title, 24 print journal, Delnet E resources	
Functioning of IQAC and Progress of IQAC report uploading (A)	Excellent(5)	Functioning,	
Institution Budget (A)	Good(4)	Function mainly based on fee from students	
Details of central computing facility (A)	Excellent(5)	sufficient as per students strength.	
Principals response on previous audit reports (A)	Not Relevant	No remark from Principal side	

### **Student Interaction**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Syllabus coverage (B)	Excellent(5)	Covered in time	
Lab Facility and conduct of Labs (B)	Excellent(5)	well maintained and conduct as per schedule	
Co-curricular facility (B)	Good(4)	NSS unit - 1 no IEEE SB is functioning, IEEE SB chapters can be started	
Extra-curricular facility (B)	Good(4)	conduct properly	
Transferring all intimation from University in time (B)	Excellent(5)	Properly done	
Approach of the management in addressing student grievance (B)	Good(4)	Properly addressing	
Availability of Faculty for all subjects (A)	Excellent(5)	faculty are available	
Any other remarks (C)	Not Relevant	No comments	
Extra fees/fine imposed on students (B)	Not Relevant	No extra fee imposed	

**B.Tech**

<b>No of B.Tech Students</b>	746
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**COMPUTER SCIENCE & ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report (B)	Excellent(5)	Functioning good	
Advisory meetings and action taken report (B)	Excellent(5)	Maintained well	
Syllabus coverage as per course plan (B)	Excellent(5)	Going on as per plan	
Conduct of Tutorial Classes (B)	Excellent(5)	Conducted/conducting as per syllabus	
Evaluation of Answer Scripts (A):	Excellent(5)	OBE based evaluation	
Conduct of practical courses (B)	Excellent(5)	Properly conducted	
Evaluation of students performance in practical classes (A):	Excellent(5)	sufficient evaluation is done	
Facility to do experiments in the lab (A)	Excellent(5)	Sufficient	
Conduct of remedial/minor/honours classes (B)	Excellent(5)	Conducted in good manner	
Maintenance of course diary (A)	Excellent(5)	Maintained well	
Assessment of Outcomes (A)	Excellent(5)	Is in good manner	
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)	In good order	
Conduct of Seminar, Mini project, Project amp Thesis (A)	Excellent(5)	Conducted properly	

Computing facility in the department (A)	Excellent(5)	Good	
Facility for co-curricular and extracurricular activities (B)	Good(4)	To be improved	
Students attending MOOC or other online courses (B)	Excellent(5)	A good number of students are doing MOOC	

### **CIVIL ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report (B)	Excellent(5)	Properly conducted	
Advisory meetings and action taken report (B)	Excellent(5)	In good manner	
Syllabus coverage as per course plan (B)	Excellent(5)	Covered properly	
Conduct of Tutorial Classes (B)	Excellent(5)	In good order	
Evaluation of Answer Scripts (A):	Excellent(5)	OBE Based evaluation	
Conduct of practical courses (B)	Excellent(5)	As per course plan	
Evaluation of students performance in practical classes (A):	Excellent(5)	Daily evaluation is done	
Facility to do experiments in the lab (A)	Excellent(5)	Sufficiently good number of experiments	
Conduct of remedial/minor/honours classes (B)	Excellent(5)	Conducted as per curriculum	
Maintenance of course diary (A)	Excellent(5)	Well maintained	
Assessment of Outcomes (A)	Excellent(5)	OBE based assessments	
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)	Done accordingly	

Conduct of Seminar, Mini project, Project amp Thesis (A)	Excellent(5)	Conducted well	
Computing facility in the department (A)	Excellent(5)	Sufficiently good	
Facility for co-curricular and extracurricular activities (B)	Excellent(5)	In good manner	
Students attending MOOC or other online courses (B)	Excellent(5)	sufficient number of students are doing MOOC	

### **ELECTRICAL AND ELECTRONICS ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report (B)	Excellent(5)	Conducted in order	
Advisory meetings and action taken report (B)	Excellent(5)	In good order	
Syllabus coverage as per course plan (B)	Excellent(5)	Covering as per schedule	
Conduct of Tutorial Classes (B)	Excellent(5)	Good manner	
Evaluation of Answer Scripts (A):	Excellent(5)	OBE based evaluation	
Conduct of practical courses (B)	Excellent(5)	As per syllabus	
Evaluation of students performance in practical classes (A):	Excellent(5)	Daily evaluation is done	
Facility to do experiments in the lab (A)	Excellent(5)	Sufficiently good	
Conduct of remedial/minor/honours classes (B)	Excellent(5)	Done in good manner	
Maintenance of course diary (A)	Excellent(5)	Maintained well	
Assessment of Outcomes (A)	Excellent(5)	Assessed as per OBE	

Faculty evaluation amp remarks of the HoD (A)	Excellent(5)	Done properly	
Conduct of Seminar, Mini project, Project amp Thesis (A)	Excellent(5)	Done in good manner	
Computing facility in the department (A)	Excellent(5)	Sufficiently good	
Facility for co-curricular and extracurricular activities (B)	Good(4)	Sufficient but can be improved	
Students attending MOOC or other online courses (B)	Excellent(5)	Sufficient number	

### **MECHANICAL ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Class/course committee meetings and action taken report (B)	Excellent(5)	Not specified in regulation	
Advisory meetings and action taken report (B)	Excellent(5)	Done properly	
Syllabus coverage as per course plan (B)	Excellent(5)	Done as per course plan	
Conduct of Tutorial Classes (B)	Excellent(5)	Done as per curriculum	
Evaluation of Answer Scripts (A):	Excellent(5)	OBE based evaluation	
Conduct of practical courses (B)	Excellent(5)	Done accordingly	
Evaluation of students performance in practical classes (A):	Excellent(5)	Daily evaluation is done	
Facility to do experiments in the lab (A)	Excellent(5)	Sufficiently good	
Conduct of remedial/minor/honours classes (B)	Excellent(5)	In good order Minor from CSE, no honours	
Maintenance of course diary (A)	Excellent(5)	Well maintained	

Assessment of Outcomes (A)	Excellent(5)	Based on OBE	
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)	Done accordingly	
Conduct of Seminar, Mini project, Project amp Thesis (A)	Excellent(5)	Well maintained and conducted properly	
Computing facility in the department (A)	Excellent(5)	Sufficiently good	
Facility for co-curricular and extracurricular activities (B)	Good(4)	Sufficient, can be improved	
Students attending MOOC or other online courses (B)	Excellent(5)	Sufficiently good number	