



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

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

**Basic Details**

Institution	<b>TOMS COLLEGE OF ENGINEERING</b>
First Auditor Name	<b>Shine P James</b>
Second Auditor Name	<b>Jayakrishnan K R</b>
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)	internal exams are conducted as per ktu calendar	
Functioning of students grievances and appeal committee (A)	Excellent(5)	meetings are held regularly	
Functioning of Academic Discipline Welfare committee (A)	Excellent(5)	Welfare committee constituted and meetings are conducted	
Average student to faculty ratio (A)	Excellent(5)	SFR= 1.25	
Faculty Retention (A)	Good(4)	Maintained SFR for the last 6 months	
Faculty Qualification Index (A)	Fair(3)	Fair(5.125)	Five faculties is currently doing PhD other than the three PhD holders of this college
Number of qualified technical staff (A)	Fair(3)	Eight technical staff for 4 departments	2 more staff has joined

Facility of central library with respect to volume and title of books, online print journals (A)	Good(4)	No online journals currently active	Arrangements made for renewal
Functioning of IQAC and Progress of IQAC report uploading (A)	Good(4)		
Institution Budget (A)	Excellent(5)		
Details of central computing facility (A)	Good(4)	Sufficient number of systems are available. Networking work is progressing	
Principals response on previous audit reports (A)	Good(4)		

### **Student Interaction**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Syllabus coverage (B)	Excellent(5)		
Lab Facility and conduct of Labs (B)	Excellent(5)		
Co-curricular facility (B)	Fair(3)	More students technical association shall be started	Arrangements made for starting associations
Extra-curricular facility (B)	Good(4)	Sports event is not conducted due to rain. Arts fest conducted	Sports day will be conducted after university exam.
Transferring all intimation from University in time (B)	Excellent(5)		
Approach of the management in addressing student grievance (B)	Excellent(5)		
Availability of Faculty for all subjects (A)	Excellent(5)		
Any other remarks (C)	Not Relevant		
Extra fees/fine imposed on students (B)	Not Relevant	No extra fees collected	

**B.Tech**

<b>No of B.Tech Students</b>	138
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**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)		
Advisory meetings and action taken report (B)	Excellent(5)		
Syllabus coverage as per course plan (B)	Excellent(5)		
Conduct of Tutorial Classes (B)	Good(4)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Conduct of practical courses (B)	Excellent(5)		
Evaluation of students performance in practical classes (A):	Good(4)		
Facility to do experiments in the lab (A)	Excellent(5)		
Conduct of remedial/minor/honours classes (B)	Good(4)		
Maintenance of course diary (A)	Good(4)	Diary maintained as soft copy.Hard copy of consolidated attendance and sessionals may be kept in the file duly signed by HOD	Documented
Assessment of Outcomes (A)	Fair(3)	CO,PO attainment to be done	Updated
Faculty evaluation amp remarks of the HoD (A)	Good(4)	HOD's remark missing	Remarks updated

Conduct of Seminar, Mini project, Project amp Thesis (A)	Excellent(5)		
Computing facility in the department (A)	Fair(3)		Sufficient number of systems are available for each department
Facility for co-curricular and extracurricular activities (B)	Fair(3)	department associations may be started	Arrangements made for starting associations
Students attending MOOC or other online courses (B)	Poor(2)	NIL	Students have registered for online courses

### **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)	Not Relevant	branch affiliation discontinued in 2019	
Advisory meetings and action taken report (B)	Not Relevant		
Syllabus coverage as per course plan (B)	Not Relevant		
Conduct of Tutorial Classes (B)	Not Relevant		
Evaluation of Answer Scripts (A):	Not Relevant		
Conduct of practical courses (B)	Not Relevant		
Evaluation of students performance in practical classes (A):	Not Relevant		
Facility to do experiments in the lab (A)	Not Relevant		
Conduct of remedial/minor/honours classes (B)	Not Relevant		
Maintenance of course diary (A)	Not Relevant		
Assessment of Outcomes (A)	Not Relevant		

Faculty evaluation and remarks of the HoD (A)	Not Relevant		
Conduct of Seminar, Mini project, Project and Thesis (A)	Not Relevant		
Computing facility in the department (A)	Not Relevant		
Facility for co-curricular and extracurricular activities (B)	Not Relevant		
Students attending MOOC or other online courses (B)	Not Relevant		

### **CHEMICAL 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)	3 meetings held	
Advisory meetings and action taken report (B)	Excellent(5)		
Syllabus coverage as per course plan (B)	Excellent(5)		
Conduct of Tutorial Classes (B)	Good(4)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Conduct of practical courses (B)	Good(4)	S6- 3 experiments completed S4 -4 experiments S3-8 experiments	
Evaluation of students performance in practical classes (A):	Excellent(5)		
Facility to do experiments in the lab (A)	Excellent(5)		
Conduct of remedial/minor/honours classes (B)	Good(4)		

Maintenance of course diary (A)	Good(4)	hard copy of consolidated reports of sessionals and attendance may be kept in the file	Documented
Assessment of Outcomes (A)	Fair(3)	CO,PO attainment to be done	Documented
Faculty evaluation amp remarks of the HoD (A)	Good(4)	Remarks of HOD missing	Documented
Conduct of Seminar, Mini project, Project amp Thesis (A)	Excellent(5)		
Computing facility in the department (A)	Fair(3)		Sufficient number of systems are available for each department
Facility for co-curricular and extracurricular activities (B)	Fair(3)	Arts conducted Sports yet to be conducted. More departmental associations may be started	Sports day will be conducted after university exam. Arrangements made for starting associations
Students attending MOOC or other online courses (B)	Poor(2)	Nil	Students have registered for online courses

### **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)	2 meetings held	
Advisory meetings and action taken report (B)	Excellent(5)		
Syllabus coverage as per course plan (B)	Excellent(5)		
Conduct of Tutorial Classes (B)	Good(4)		
Evaluation of Answer Scripts (A):	Good(4)	Scheme of evaluation missing for some subjects	Documented
Conduct of practical courses (B)	Good(4)	Average 3 experiments completed in even semester	

Evaluation of students performance in practical classes (A):	Good(4)		
Facility to do experiments in the lab (A)	Excellent(5)		
Conduct of remedial/minor/honours classes (B)	Good(4)		
Maintenance of course diary (A)	Good(4)	print out of consolidated reports signed by HOD may be kept in file	Documented
Assessment of Outcomes (A)	Fair(3)	Assessment to be done	Done
Faculty evaluation and remarks of the HoD (A)	Good(4)	One evaluation done in current semester. HoD remarks have to be included	Documented
Conduct of Seminar, Mini project, Project and Thesis (A)	Excellent(5)		
Computing facility in the department (A)	Good(4)		
Facility for co-curricular and extracurricular activities (B)	Fair(3)	More technical clubs may be started	Arrangements made for starting associations
Students attending MOOC or other online courses (B)	Good(4)	1 student out of 2 of final year attended MOOC course	

#### **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)	Good(4)	ATR may be mentioned clearly	Action taken documented
Advisory meetings and action taken report (B)	Excellent(5)	meetings are held regularly	
Syllabus coverage as per course plan (B)	Excellent(5)		
Conduct of Tutorial Classes (B)	Good(4)		

Evaluation of Answer Scripts (A):	Excellent(5)		
Conduct of practical courses (B)	Good(4)	Average 4 experiments done in even semester	
Evaluation of students performance in practical classes (A):	Excellent(5)		
Facility to do experiments in the lab (A)	Excellent(5)		
Conduct of remedial/minor/honours classes (B)	Good(4)		
Maintenance of course diary (A)	Good(4)	Hard copy of consolidated reports signed by HOD may be kept in file	Maintained
Assessment of Outcomes (A)	Fair(3)	To be done	Updated
Faculty evaluation amp remarks of the HoD (A)	Good(4)	HOD may give his remark One evaluation done in online mode	Updated
Conduct of Seminar, Mini project, Project amp Thesis (A)	Excellent(5)		
Computing facility in the department (A)	Excellent(5)		
Facility for co-curricular and extracurricular activities (B)	Fair(3)	Technical associations may be started	Arrangements made for starting associations
Students attending MOOC or other online courses (B)	Poor(2)	Nil	Students have registered for online courses