



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

**Academic Audit Report**  
**2022 - 2023**

**Basic Details**

Institution	<b>TOMS COLLEGE OF ENGINEERING</b>
First Auditor Name	<b>Dr Nidhish Mathew Nidhiry</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)		
Functioning of students grievances and appeal committee (A)	Good(4)		
Functioning of Academic Discipline Welfare committee (A)	Good(4)		
Average student to faculty ratio (A)	Excellent(5)	1.02	
Faculty Retention (A)	Excellent(5)	1.02	
Faculty Qualification Index (A)	Very Poor(1)	4.33	Five faculties is currentlydoing PhD other than thethree PhD holders of thiscollege
Number of qualified technical staff (A)	Excellent(5)		

Facility of central library with respect to volume and title of books, online print journals (A)	Excellent(5)		
Functioning of IQAC and Progress of IQAC report uploading (A)	Fair(3)		measures taken to update
Institution Budget (A)	Fair(3)		arrangements made for doing it
Details of central computing facility (A)	Good(4)		
Principals response on previous audit reports (A)	Excellent(5)		

### **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)	Good(4)		
Extra-curricular facility (B)	Good(4)		
Transferring all intimation from University in time (B)	Excellent(5)		
Approach of the management in addressing student grievance (B)	Good(4)		
Availability of Faculty for all subjects (A)	Excellent(5)		
Any other remarks (C)	Not Relevant	OBE documentation not upto the mark	naac accreditation work going on
Extra fees/fine imposed on students (B)	Not Relevant	no extra fee/Fine	

**B.Tech**

<b>No of B.Tech Students</b>	172
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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>
Placement Status	Very Poor(1)		measures taken to update
Class/course committee meetings and action taken report (B)	Fair(3)	NO action taken report	measures taken to update
Advisory meetings and action taken report (B)	Fair(3)	NO action taken report	measures taken to update
Syllabus coverage as per course plan (B)	Excellent(5)		
Conduct of Tutorial Classes (B)	Excellent(5)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Conduct of practical courses (B)	Excellent(5)		
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)		
Assessment of Outcomes (A)	Fair(3)		measures taken to update
Faculty evaluation amp remarks of the HoD (A)	Good(4)		
Conduct of Seminar, Project and Thesis (A)	Excellent(5)		
Computing facility in the department (A)	Excellent(5)		

Facility for co-curricular and extracurricular activities (B)	Good(4)		
Students attending MOOC or other online courses (B)	Good(4)		
Maintenance of A1, A2 and A3 files.	Good(4)		
Maintenance of B files.	Good(4)		
Maintenance of C and D files.	Good(4)		

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

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Placement Status	Very Poor(1)		measures taken to update
Class/course committee meetings and action taken report (B)	Fair(3)	NO action taken report	measures taken to update
Advisory meetings and action taken report (B)	Fair(3)	NO action taken report	measures taken to update
Syllabus coverage as per course plan (B)	Excellent(5)		
Conduct of Tutorial Classes (B)	Excellent(5)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Conduct of practical courses (B)	Excellent(5)		
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)		

Assessment of Outcomes (A)	Fair(3)		measures taken to update
Faculty evaluation amp remarks of the HoD (A)	Good(4)		
Conduct of Seminar, Project and Thesis (A)	Excellent(5)		
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)	Good(4)		
Maintenance of A1, A2 and A3 files.	Good(4)		
Maintenance of B files.	Good(4)		
Maintenance of C and D files.	Good(4)		

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

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Placement Status	Very Poor(1)		measures taken to update
Class/course committee meetings and action taken report (B)	Fair(3)	No action taken report	measures taken to update
Advisory meetings and action taken report (B)	Fair(3)	No action taken report	measures taken to update
Syllabus coverage as per course plan (B)	Excellent(5)		
Conduct of Tutorial Classes (B)	Excellent(5)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Conduct of practical courses (B)	Excellent(5)		
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)	Excellent(5)		
Maintenance of course diary (A)	Good(4)		
Assessment of Outcomes (A)	Poor(2)		
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)	Excellent(5)		
Facility for co-curricular and extracurricular activities (B)	Good(4)		
Students attending MOOC or other online courses (B)	Good(4)		
Maintenance of A1, A2 and A3 files.	Good(4)		
Maintenance of B files.	Good(4)		
Maintenance of C and D files.	Good(4)		

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

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Placement Status	Poor(2)		measures taken to update
Class/course committee meetings and action taken report (B)	Fair(3)	No action taken report	measures taken to update
Advisory meetings and action taken report (B)	Fair(3)	No action taken report	measures taken to update
Syllabus coverage as per course plan (B)	Excellent(5)		
Conduct of Tutorial Classes (B)	Excellent(5)		

Evaluation of Answer Scripts (A):	Excellent(5)		
Conduct of practical courses (B)	Excellent(5)		
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)		
Assessment of Outcomes (A)	Fair(3)		measures taken to update
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Project and Thesis (A)	Excellent(5)		
Computing facility in the department (A)	Excellent(5)		
Facility for co-curricular and extracurricular activities (B)	Good(4)		
Students attending MOOC or other online courses (B)	Good(4)		
Maintenance of A1, A2 and A3 files.	Good(4)		
Maintenance of B files.	Good(4)		
Maintenance of C and D files.	Good(4)		



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**Academic Audit Report**  
**2022 - 2023**

**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>Odd</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)	Academic activities are carried out as per calendar	
Functioning of students grievances and appeal committee (A)	Good(4)	meeting held on 14.11.22	
Functioning of Academic Discipline Welfare committee (A)	Excellent(5)	meetings are held on 22.10.22 and 10.11.22	
Average student to faculty ratio (A)	Excellent(5)	SFR = 1.16	
Faculty Retention (A)	Excellent(5)	Maintained SFR for the last one year	
Faculty Qualification Index (A)	Poor(2)	Poor(FQ =4.91) Two PhD holders	Five faculties is currently doing PhD other than the three PhD holders of this college

Number of qualified technical staff (A)	Fair(3)	11 technical staff for four departments out of which 4 have joined only in November 2022	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 2250 titles 11250 volumes Digital library functioning	Arrangements made for renewal
Functioning of IQAC and Progress of IQAC report uploading (A)	Excellent(5)	IQAC meeting held on 13.9.22 28.10.22 10.11.22	
Institution Budget (A)	Excellent(5)		
Details of central computing facility (A)	Good(4)		
Principals response on previous audit reports (A)	Excellent(5)		

### Student Interaction

Key Aspects	Rating	Auditor Remarks	Principal's Response
Syllabus coverage (B)	Excellent(5)		
Lab Facility and conduct of Labs (B)	Excellent(5)		
Co-curricular facility (B)	Fair(3)	associatios has to be started in all departments. there was also demand for starting NSS and NCC activities	Arrangements made for starting associations
Extra-curricular facility (B)	Fair(3)	Sports fest is yet to be conducted. There was a demand from students for more sports activities and a physical education teacher	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)	Good(4)		
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	

#### **COMPUTER SCIENCE & ENGINEERING-(Full Time)**

Key Aspects	Rating	Auditor Remarks	Principal's Response
Placement Status	Excellent(5)	3/3	
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)	Excellent(5)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Conduct of practical courses (B)	Good(4)	Average 6 out of 12 completed	
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)	Fair(3)		Arrangements made for more remedial classes
Maintenance of course diary (A)	Excellent(5)		
Assessment of Outcomes (A)	Fair(3)	PSO and PO attainment to be done	arrangements made for doing it.
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Project and Thesis (A)	Excellent(5)		
Computing facility in the department (A)	Good(4)	common	Sufficient number of systems are available for each department
Facility for co-curricular and extracurricular activities (B)	Fair(3)	more associations may be started	Arrangements made for improving the same
Students attending MOOC or other online courses (B)	Poor(2)	registered but not completed	courses going on
Maintenance of A1, A2 and A3 files.	Fair(3)		Arrangements made for doing and updating the files
Maintenance of B files.	Good(4)		
Maintenance of C and D files.	Good(4)		

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

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Placement Status	Very Poor(1)	No placements	documents updated
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)	Good(4)	syllabus coverage may be documented as hard copy since the software generated print out was misleading	Documents updated
Conduct of Tutorial Classes (B)	Excellent(5)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Conduct of practical courses (B)	Excellent(5)	Average 6 out of 12 experiments completed	
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)	Fair(3)	more remedial classes may be arranged. No minor and honours	arrangements made for more remedial classes
Maintenance of course diary (A)	Good(4)		
Assessment of Outcomes (A)	Good(4)	pso and po attainment to be done. CO attainment done	
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Project and Thesis (A)	Excellent(5)	Seminar topic finalized.Project zeroth presentation over	
Computing facility in the department (A)	Good(4)	Networking has to be completed	

Facility for co-curricular and extracurricular activities (B)	Good(4)	More associations may be started	
Students attending MOOC or other online courses (B)	Poor(2)	registered for courses. but not completed	Students have registered for online courses
Maintenance of A1, A2 and A3 files.	Poor(2)		Arrangements made for doing and updating the files
Maintenance of B files.	Fair(3)		Arrangements made for doing and updating the files
Maintenance of C and D files.	Fair(3)		Arrangements made for doing and updating the files

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

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Placement Status	Excellent(5)	62% placement	
Class/course committee meetings and action taken report (B)	Good(4)	meeting held on 11.11.22 ATR missing	
Advisory meetings and action taken report (B)	Excellent(5)	meeting held on 21.10.22	
Syllabus coverage as per course plan (B)	Good(4)	hard copy of syllabus coverage may be provided	
Conduct of Tutorial Classes (B)	Good(4)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Conduct of practical courses (B)	Excellent(5)	Average 4 out of 8 experiments completed	
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)	Fair(3)	more remedial classes may be arranged. No minor and honours	arrangements made for more remedial classes
Maintenance of course diary (A)	Good(4)		

Assessment of Outcomes (A)	Fair(3)	pso and po attainment to be done	arrangements made for doing it.
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Project and Thesis (A)	Good(4)	Zeroth presentation over	
Computing facility in the department (A)	Fair(3)	common computing facility	Sufficient number of systems are available for each department
Facility for co-curricular and extracurricular activities (B)	Good(4)	Institution of Engineers association students chapter	
Students attending MOOC or other online courses (B)	Fair(3)		Students have registered for online courses
Maintenance of A1, A2 and A3 files.	Fair(3)		Arrangements made for doing and updating the files
Maintenance of B files.	Fair(3)		Arrangements made for doing and updating the files
Maintenance of C and D files.	Good(4)		

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

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Placement Status	Poor(2)	33% placement	documents updated
Class/course committee meetings and action taken report (B)	Excellent(5)	27/9/22 21/11/22	
Advisory meetings and action taken report (B)	Excellent(5)	17/9/22	
Syllabus coverage as per course plan (B)	Good(4)	20 hours engaged documentation may be made manually	
Conduct of Tutorial Classes (B)	Good(4)		
Evaluation of Answer Scripts (A):	Excellent(5)		

Conduct of practical courses (B)	Good(4)	Average 5 experiments completed	
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)	Fair(3)	more remedial classes may be arranged.No minor and honours	arrangements made for more remedial classes
Maintenance of course diary (A)	Good(4)		
Assessment of Outcomes (A)	Good(4)	PSO and PO attainment to be done	
Faculty evaluation amp remarks of the HoD (A)	Fair(3)	remarks by HOD missing	Remarks updated
Conduct of Seminar, Project and Thesis (A)	Not Relevant	No final year students	
Computing facility in the department (A)	Good(4)	common facility	Sufficient number of systems are available for each department
Facility for co-curricular and extracurricular activities (B)	Fair(3)		Arrangements made for improving the same
Students attending MOOC or other online courses (B)	Poor(2)		Students have registered for online courses
Maintenance of A1, A2 and A3 files.	Fair(3)		Arrangements made for doing and updating the files
Maintenance of B files.	Fair(3)		Arrangements made for doing and updating the files
Maintenance of C and D files.	Fair(3)		Arrangements made for doing and updating the files