



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

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

**Basic Details**

Institution	<b>VEDAVYASA INSTITUTE OF TECHNOLOGY</b>
First Auditor Name	<b>Dr Suneesh P U</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)	Excellent(5)	should be constituted as per AICTE	Noted and Steps Taken
Functioning of Academic Discipline Welfare committee (A)	Excellent(5)		
Average student to faculty ratio (A)	Excellent(5)		
Faculty Retention (A)	Excellent(5)		
Faculty Qualification Index (A)	Fair(3)	need to appoint more Ph.D holders	Already faculty from all departments have registered and in the completion stage of their PhD Course.
Number of qualified technical staff (A)	Excellent(5)		

Facility of central library with respect to volume and title of books, online print journals (A)	Good(4)	As per AICTE, 25% of total number of subscribed should be from scopus/woS	EBSCO IEEE Journals are already subscribed and steps taken
Functioning of IQAC and Progress of IQAC report uploading (A)	Excellent(5)	IQAC window in the college website should be updated with uploading all relevant documents. However, the efforts made by IQAC coordinator are commendable	Steps taken
Institution Budget (A)	Excellent(5)	The salary register has to be kept as a binded register with revenue stamp fixed	Suggestions noted and informed to maintain in the suggested format
Details of central computing facility (A)	Good(4)	Need to improve number of systems and speed of internet	already steps taken
Principals response on previous audit reports (A)	Excellent(5)		

### **Student Interaction**

Key Aspects	Rating	Auditor Remarks	Principal's Response
Syllabus coverage (B)	Good(4)		
Lab Facility and conduct of Labs (B)	Good(4)		
Co-curricular facility (B)	Good(4)	Need to improve	Physical Ed Staff had taken steps regarding the same
Extra-curricular facility (B)	Good(4)	Need to improve	Activities are organised and fully promoted as per students request
Transferring all intimation from University in time (B)	Good(4)		
Approach of the management in addressing student grievance (B)	Good(4)		
Availability of Faculty for all subjects (A)	Good(4)		
Any other remarks (C)	Not Relevant		
Extra fees/fine imposed on students (B)	Not Relevant		

### B.Tech

<b>No of B.Tech Students</b>	241
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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 (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)	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)	Excellent(5)		
Assessment of Outcomes (A)	Good(4)	The attainment of COs should be calculated according to the various criteria. However the consideration of attendance for the calculation of Co has to be justified	Noted and clarified
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Mini project, Project amp 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)	Excellent(5)		

#### **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)	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)	The dept. should encourage more number of students for honours	Already four students joined for Honors programme
Maintenance of course diary (A)	Excellent(5)		
Assessment of Outcomes (A)	Excellent(5)		
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Mini project, Project amp Thesis (A)	Excellent(5)		
Computing facility in the department (A)	Good(4)	Need more system and good connectivity	Steps taken
Facility for co-curricular and extracurricular activities (B)	Good(4)		
Students attending MOOC or other online courses (B)	Excellent(5)	14/35=35%	Noted and clarified

#### **ELECTRONICS & COMMUNICATION ENGG-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
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Class/course committee meetings and action taken report (B)	Not Relevant	no students admitted in 2018	
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)	Excellent(5)		
Evaluation of students performance in practical classes (A):	Good(4)	Minimum number of experiments should be conducted	Remedial measure is taken and would be followed
Facility to do experiments in the lab (A)	Excellent(5)		
Conduct of remedial/minor/honours classes (B)	Excellent(5)		
Maintenance of course diary (A)	Excellent(5)		
Assessment of Outcomes (A)	Good(4)	The attainment of COs should be calculated according to the various criteria. However the consideration of attendance should be justified	Noted and clarified
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Mini project, Project amp 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)	Excellent(5)		
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**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)		
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)	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)	The dept. should encourage more number of students to participate in honours	Will be encouraged
Maintenance of course diary (A)	Excellent(5)		
Assessment of Outcomes (A)	Excellent(5)		
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Mini project, Project amp 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)	Good(4)	19/46=41% proof should be included	Noted and proof will be done

### **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)		
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)	Proper register should be maintained	Maintained and clarified
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)	The department should encourage students to join honours	steps taken to encourage the students
Maintenance of course diary (A)	Excellent(5)		
Assessment of Outcomes (A)	Excellent(5)	The attainment of COs should be calculated according to the various criteria. However, the consideration of attendance for the CO has to be justified	Noted and clarified



Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Mini project, Project amp 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)	Excellent(5)		

### M.Tech

<b>No of M.Tech Students</b>	58
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### ELECTRICAL AND ELECTRONICS ENGINEERING(POWER ELECTRONICS)-(Full Time)

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

**ELECTRONICS AND COMMUNICATION ENGINEERING(EMBEDDED SYSTEMS)-(Full Time)**

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Excellent(5)		
Syllabus coverage as per course plan (B)	Excellent(5)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Maintenance of course diary (A)	Excellent(5)		
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Facility in the department library for references (C)	Fair(3)		
Conduct of Seminar, Mini project, Project amp Thesis (A)	Good(4)		
Faculty with Ph.D for the program (A)	Excellent(5)	1 faculty	
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)	Excellent(5)		

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

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Excellent(5)		

Syllabus coverage as per course plan (B)	Excellent(5)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Maintenance of course diary (A)	Excellent(5)		
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Facility in the department library for references (C)	Good(4)	need more books	Steps taken accordingly
Conduct of Seminar, Mini project, Project amp Thesis (A)	Excellent(5)	first sheet of base paper should be included in the file	Noted and Done
Faculty with Ph.D for the program (A)	Very Poor(1)		2 faculty members are in the progress of completing their PhD work. One visiting professor retd from NIT calicut is also available for MTech thesis clarifications/guidance
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)	9/30	Steps taken to improve

#### **COMPUTER SCIENCE AND ENGINEERING(COMPUTER SCIENCE AND 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)		
Syllabus coverage as per course plan (B)	Excellent(5)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Maintenance of course diary (A)	Excellent(5)		

Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Facility in the department library for references (C)	Good(4)	Number of books should be improved	Noted and clarified
Conduct of Seminar, Mini project, Project amp Thesis (A)	Good(4)	selection of topic should be from referred journal	Noted and Done
Faculty with Ph.D for the program (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)	Excellent(5)	Proper proof should be maintained	Done as per suggestion