



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

**Academic Audit Report**  
**2020 - 2021**

**Basic Details**

Institution	<b>VISAT ENGINEERING COLLEGE</b>
First Auditor Name	<b>DIVYA NAIR</b>
Second Auditor Name	
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 (B)	Excellent(5)	Following the Academic Calendar properly	Will maintain it
Functioning of students grievances and appeal committee (B)	Fair(3)	Documents showing working of committee are there.	Will maintain it
Average student to faculty ratio (A)	Poor(2)	$20 \times 38 / 1080 = 0.703703704$ Actual total intake=201	Sufficient faculty members are there for handling all subjects. However steps are taken to appoint additional staff members to meet average students to faculty members.
Faculty Qualification Index (A)	Very Poor(1)	$(0+4 \times 38) / 54 = 2.81$ . All PG	We have only UG programs.
Number of qualified technical staff (A)	Very Poor(1)	Total 9 Managing with this due to small intake	Sufficient technical staff are there to handle all laboratories. However steps are taken to appoint additional technical staff.

Facility of central library with respect to volume, title of books, online print journals (A)	Good(4)	Titles:2496 Volumes:12511 Journals:30	Will maintain it
Functioning of IQAC and Progress of IQAC report uploading (A)	Good(4)	Needs to be streamline	Steps are initiated to make IQAC streamline and will follow the KTU guidelines.

### Student Interaction

Key Aspects	Rating	Auditor Remarks	Principal's Response
Syllabus coverage (B)	Excellent(5)	No Complaint	will maintain it
Effectiveness of teaching/learning process	Good(4)	Not as effective as regular mode of teaching	Will look into it
Conduct of Labs (B)	Fair(3)	Varies between departments. Not as effective as regular conduct of labs where simulation set up needed like in civil, mechanical etc.	Will look into it
Continuous assessment (B)	Fair(3)	Effort to be added.	Will look into it
Interaction/discussion/doubt clearing etc (A)	Good(4)	Less compared to regular sessions.	Will look into it
Net connectivity issue	Good(4)	Minor issues only reported.	Will look into issues reported
Extra fees/fine imposed on students (B)	Excellent(5)	No extra fees imposed.	will maintain
Approach of the management/institution in addressing student grievances (B)	Good(4)	Addressed.	will maintain
Availability of Faculty for all subjects (A)	Good(4)	yes	will maintain
Any other remarks (C)	Good(4)	Webinars and Online interactive sessions, cultural events conducted by various departments and clubs.	will maintain.

**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)	Documents verified	Will maintain it
Advisory meetings and action taken report (B)	Good(4)	Document of proper functioning of committee are there	Will maintain it
Result analysis of previous odd semester (A)	Very Poor(1)	Average of S3,S5,S7 is 23%	Will improve
Syllabus coverage as per course plan (A)	Excellent(5)	Doing as per the course plan	Will maintain it
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	Google Meet, WebEx Meet, WhatsApp Videos, Zoom	Will maintain
Conduct of minor/honours classes (A)	Not Relevant	EEE 2019 batch no intake	Will maintain
NPTEL/SWAYAM course materials recommended for reading (B)	Fair(3)	Not following for all topics of subjects	Will look into it
Conduct of Internal assessments for theory and lab classes (A)	Good(4)	Efforts to be added in the lab assessment	Will maintain
The mechanisms for taking feedback as to whether the online classes are effective (B)	Good(4)	Using College software	Will maintain it
Conduct of series tests (A)	Good(4)	Describe/Explain/Define usage can be reduced	Will look seriously into it
Maintenance of course diary (A)	Excellent(5)	Maintaining	Will maintain
Register showing Activity points (B)	Fair(3)	Partially updated	Will look seriously into it
Conduct of laboratory classes with relevant details(A)	Fair(3)	Average 30% completed	Will improve

Online Faculty evaluation amp remarks of the HoD (A)	Good(4)	verified	Will maintain
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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)	Documents verified	Will maintain it
Advisory meetings and action taken report (B)	Good(4)	Documents of proper functioning of committee are there	Will maintain it
Result analysis of previous odd semester (A)	Poor(2)	Average of Result Analysis of S1,S3,S5,S7 is 31.75%	Will improve
Syllabus coverage as per course plan (A)	Excellent(5)	ON TRACK	Will maintain it
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	GOOGLE MEET,ZOOM,WEBEX MEET,WHATSAPP VIDEOS	Will maintain
Conduct of minor/honours classes (A)	Excellent(5)	BASKET II for all branches except EEE	Will maintain
NPTEL/SWAYAM course materials recommended for reading (B)	Fair(3)	Not given for all topics in various subjects	Will look into it
Conduct of Internal assessments for theory and lab classes (A)	Good(4)	Effort going on conduct of lab sessions	Will look into it
The mechanisms for taking feedback as to whether the online classes are effective (B)	Good(4)	College Software used	Will maintain it
Conduct of series tests (A)	Good(4)	Explain/Describe questions can be reduced	Will look seriously into it
Maintenance of course diary (A)	Excellent(5)	Maintaining Properly	Will maintain
Register showing Activity points (B)	Good(4)	Partially updated in register	Will look seriously into it

Conduct of laboratory classes with relevant details(A)	Fair(3)	Average 40% completed	Will improve
Online Faculty evaluation amp remarks of the HoD (A)	Good(4)	Observed	Will maintain

### **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)	Documents verified	Will maintain it
Advisory meetings and action taken report (B)	Good(4)	Documents of proper functioning of committee are there.	Will maintain it
Result analysis of previous odd semester (A)	Very Poor(1)	Average Pass percentage of s1,s3, s5, s7 is 10.87%	Steps are taken to improve the results
Syllabus coverage as per course plan (A)	Excellent(5)	As per the course plan	Will maintain it
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	Google Meet, WhatsApp Videos ,Zoom, WebEx Meet	Will maintain
Conduct of minor/honours classes (A)	Excellent(5)	Basket II for all branches except EEE	Will maintain
NPTEL/SWAYAM course materials recommended for reading (B)	Fair(3)	Not following for all topics of subject.	Will look into it
Conduct of Internal assessments for theory and lab classes (A)	Good(4)	Efforts to be added in the conduct of lab assessment	Will look into it
The mechanisms for taking feedback as to whether the online classes are effective (B)	Good(4)	Using college software	Will maintain
Conduct of series tests (A)	Good(4)	Describe/Explain/Define usage can be reduced	Will look seriously into it
Maintenance of course diary (A)	Excellent(5)	Maintaining	Will maintain

Register showing Activity points (B)	Fair(3)	Partially updated	Will look seriously into it
Conduct of laboratory classes with relevant details(A)	Fair(3)	Average 30 % completed	Will improve
Online Faculty evaluation amp remarks of the HoD (A)	Good(4)	Observed	Will maintain

#### **ELECTRONICS & COMMUNICATION ENGG-(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)	Documents verified	Will maintain it
Advisory meetings and action taken report (B)	Good(4)	Documents showing proper functioning of committee are there	Will maintain it
Result analysis of previous odd semester (A)	Very Poor(1)	Average pass percentage of odd semester is 20.63%	Will improve
Syllabus coverage as per course plan (A)	Excellent(5)	On Track	Will maintain
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	Google Meet, WebEx Meet, WhatsApp videos, Zoom	Will maintain
Conduct of minor/honours classes (A)	Excellent(5)	BASKET II for all branches except EEE	Will maintain
NPTEL/SWAYAM course materials recommended for reading (B)	Fair(3)	Not following for all topics of subject	Will look into it
Conduct of Internal assessments for theory and lab classes (A)	Good(4)	Efforts to be added in the lab assessment	Will look into it
The mechanisms for taking feedback as to whether the online classes are effective (B)	Good(4)	Using College software	Will maintain
Conduct of series tests (A)	Good(4)	Describe/Explain/Define usage can be reduced	Will look seriously into it

Maintenance of course diary (A)	Excellent(5)	Maintaining	Will maintain
Register showing Activity points (B)	Fair(3)	Partially updated	Will look seriously into it
Conduct of laboratory classes with relevant details(A)	Fair(3)	Average 36% completed	Will improve
Online Faculty evaluation amp remarks of the HoD (A)	Good(4)	observed	Will maintain

### **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)	Documents verified	Will maintain it
Advisory meetings and action taken report (B)	Good(4)	Documents of proper functioning of committee are there	Will maintain it
Result analysis of previous odd semester (A)	Very Poor(1)	Average pass percentage of s1,s3,s5,s7 is 23.04%	Will improve
Syllabus coverage as per course plan (A)	Excellent(5)	Doing as per the course plan	Will maintain
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	Google Meet, Zoom, WebEx Meet, WhatsApp videos	Will maintain it
Conduct of minor/honours classes (A)	Excellent(5)	Basket II for all branches except EEE	Will maintain it
NPTEL/SWAYAM course materials recommended for reading (B)	Fair(3)	Not following for all topics of subjects	Will look into it
Conduct of Internal assessments for theory and lab classes (A)	Good(4)	Efforts to be added in lab assessment	Will look into it
The mechanisms for taking feedback as to whether the online classes are effective (B)	Good(4)	Using college software	Will maintain

Conduct of series tests (A)	Good(4)	Describe/Explain/Define usage can be reduced	Will look seriously into it
Maintenance of course diary (A)	Excellent(5)	Maintaining	Will maintain
Register showing Activity points (B)	Fair(3)	Partially updated	Will look seriously into it
Conduct of laboratory classes with relevant details(A)	Fair(3)	Average 47% completed	Will improve
Online Faculty evaluation amp remarks of the HoD (A)	Good(4)	Verified	Will maintain