



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

## Academic Audit Report 2021 - 2022

### Basic Details

Institution	VISAT ENGINEERING COLLEGE
First Auditor Name	Dr Saju P John
Second Auditor Name	Dr Arya Devi P S
Visit	First
Semester Type	Even

### College Specific Assessments

Key Aspects	Rating	Auditor Remarks	Principal's Response
Compliance to the Academic Calendar of KTU (A)	Good(4)	Academic calendar is following. More improvement required	Will look into it
Functioning of students grievances and appeal committee (A)	Good(4)	Documents verified. Not that much grievances reported	Will maintain
Functioning of Academic Discipline Welfare committee (A)	Good(4)	Documents verified ..	Will maintain
Average student to faculty ratio (A)	Poor(2)	$20 \times 41 / 1200 = 0.683$ . Actual No of students is 179 only at present.	For Civil and Electronics - 2nd year batch not there For electrical 3rd year batch students not there
Faculty Retention (A)	Poor(2)	faculty ratio is 0.683. Total number of students is 179 at present.	Will improve
Faculty Qualification Index (A)	Very Poor(1)	$10 \times 2 + 39 \times 4 = 176 / 60 = 2.933$ . Total number of students is low.	Student strength is low, necessary steps will be taken to improve

Number of qualified technical staff (A)	Very Poor(1)	Total 9 Technical staff available. The number of students is low at present.	Student strength is low,necessary steps will be taken to improve
Facility of central library with respect to volume and title of books, online print journals (A)	Good(4)	Titles- 2496 Volumes 14540 printed journals 30	Will maintain
Functioning of IQAC and Progress of IQAC report uploading (A)	Good(4)	suggestions given to the coordinator for further improvement.	Will look into it
Institution Budget (A)	Good(4)	more fund may be allotted infrastructure ,training and placemnts. sodtware purchase etc.	Will take measures for the reported areas
Details of central computing facility (A)	Good(4)	176 computers are available in the college. One leased line and one broadband connection BSNL is available.	Will maintain
Principals response on previous audit reports (A)	Good(4)	Principal responded for all comments. More actions required for improvement.	Will be taking measures for improvements needed.

### Student Interaction

Key Aspects	Rating	Auditor Remarks	Principal's Response
Syllabus coverage (B)	Excellent(5)	Students are satisfied	Will maintain
Lab Facility and conduct of Labs (B)	Good(4)	Lack of licensed software's are in non circuit branches. lab conduct is done as per KTU curriculum.	Will take measures on it. Will maintain the conduct of lab as per curriculum
Co-curricular facility (B)	Good(4)	Conducted a number of programs .More placement related programmes need to be conducted.	Steps are taken for conduct of placement related activities
Extra-curricular facility (B)	Good(4)	facilities available. Sports/Arts activities are conducting.	Will continue
Transferring all intimation from University in time (B)	Excellent(5)	University circulars and re circulating through notice boards	Will continue
Approach of the management in addressing student grievance (B)	Excellent(5)	Management is very supportive for the development of the students.	Will continue
Availability of Faculty for all subjects (A)	Excellent(5)	Faculty is available for all subjects as per the present strength of students.	Will maintain
Any other remarks (C)	Good(4)	Remedial classes are conducting in a residential manner for clearing the arrears of students.	Will continue
Extra fees/fine imposed on students (B)	Excellent(5)	No extra fees imposed on students.	Will maintain

### B.Tech

<b>No of B.Tech Students</b>	176
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### CIVIL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
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Class/course committee meetings and action taken report (B)	Excellent(5)	Document verified	Will maintain
Advisory meetings and action taken report (B)	Good(4)	Meeting conducted	Will maintain
Syllabus coverage as per course plan (B)	Excellent(5)	Syllabus coverage done	Will maintain
Conduct of Tutorial Classes (B)	Excellent(5)	Conducting the tutorial classes	Will maintain
Evaluation of Answer Scripts (A):	Good(4)	Evaluations are doing in time itself. Taxonomy level of question paper not matching	Will look into it .
Conduct of practical courses (B)	Good(4)	80% of the experiments completed	Will improve
Evaluation of students performance in practical classes (A):	Good(4)	Regular viva is conducting	Will maintain
Facility to do experiments in the lab (A)	Good(4)	Facility available	Will maintain
Conduct of remedial/minor/honours classes (B)	Good(4)	conducting remedial classes. No students registered for Minor/Honor	Will maintain.
Maintenance of course diary (A)	Excellent(5)	Course diary maintains with all documents	Will maintain
Assessment of Outcomes (A)	Good(4)	Assessed the outcomes	Will maintain
Faculty evaluation amp remarks of the HoD (A)	Good(4)	Students feedback (two in a semester) is done. HOD remarks also noted.	Will maintain
Conduct of Seminar, Mini project, Project amp Thesis (A)	Fair(3)	More improvement required in the selection of project topics.	Will improve
Computing facility in the department (A)	Good(4)	No licensed software's available.	Will take measures on it
Facility for co-curricular and extracurricular activities (B)	Good(4)	more activities to be conducted	Will take measures on it

Students attending MOOC or other online courses (B)	Poor(2)	No student attended any MOOC course	Students are advised to do courses in nptel and swayam
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### **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
Advisory meetings and action taken report (B)	Good(4)	Verified. Effectiveness to be improved	Will improve
Syllabus coverage as per course plan (B)	Excellent(5)	Syllabus coverage as per KTU Curriculum	Will maintain
Conduct of Tutorial Classes (B)	Excellent(5)	Conducting Tutorial classes	Will maintain
Evaluation of Answer Scripts (A):	Good(4)	Quality of Question Paper need to improve.Taxonomy level of question paper not matching	Will take measures to improve
Conduct of practical courses (B)	Good(4)	75% experiments completed	Will improve
Evaluation of students performance in practical classes (A):	Good(4)	Regular Viva is conducting	Will maintain
Facility to do experiments in the lab (A)	Good(4)	Basic facility available	Will maintain
Conduct of remedial/minor/honours classes (B)	Good(4)	Remedial classes are conducting. No students registered for Honr/MinorHonor/Minor	Will maintain
Maintenance of course diary (A)	Excellent(5)	Course Diary is maintaining	Will maintain
Assessment of Outcomes (A)	Good(4)	outcome mapping done	Will maintain
Faculty evaluation amp remarks of the HoD (A)	Good(4)	Feedback of students(two in a semester) and also HOD remark entered.	Will maintain

Conduct of Seminar, Mini project, Project amp Thesis (A)	Fair(3)	Needs more improvement	Will improve
Computing facility in the department (A)	Good(4)	No licensed software's available. Basic facility available.	Will take measures to improve
Facility for co-curricular and extracurricular activities (B)	Good(4)	More seminars/Invited Lectures may be conducted.	Will take measures for it
Students attending MOOC or other online courses (B)	Very Poor(1)	No students done MOOC courses	All students are instructed to attend courses in Nptel and swayam Portal

### **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
Advisory meetings and action taken report (B)	Good(4)	Verified. Effectiveness need to improve	Will improve
Syllabus coverage as per course plan (B)	Good(4)	Syllabus covered as per KTU curriculum.	Will maintain
Conduct of Tutorial Classes (B)	Good(4)	Tutorial classes conducted.	Will maintain
Evaluation of Answer Scripts (A):	Good(4)	Taxonomy level of question paper not matching	Will look into it
Conduct of practical courses (B)	Good(4)	75% programs competed.	Will improve
Evaluation of students performance in practical classes (A):	Good(4)	regular viva is conducting	Will maintain
Facility to do experiments in the lab (A)	Good(4)	Facility available.	Will maintain
Conduct of remedial/minor/honours classes (B)	Good(4)	Remedial classes conducted. No students registered for minor/Honor	Will maintain
Maintenance of course diary (A)	Good(4)	Course diary is maintaining	Will maintain

Assessment of Outcomes (A)	Good(4)	calculations done.	Will maintain
Faculty evaluation amp remarks of the HoD (A)	Good(4)	feed back from students( 2 in a semester) is collecting. HOD remarks are also recorded.	Will maintain
Conduct of Seminar, Mini project, Project amp Thesis (A)	Fair(3)	needs more improvement.	Will improve
Computing facility in the department (A)	Good(4)	Basic facility available	Will maintain
Facility for co-curricular and extracurricular activities (B)	Good(4)	more seminars/invited lectures to be conducted.	Will take measures for it
Students attending MOOC or other online courses (B)	Very Poor(1)	no students attended the MOOC course.	Some students are doing online courses..All students have been instructed to do courses in Nptel and swayam portal

#### **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
Advisory meetings and action taken report (B)	Good(4)	Documents available. Effectiveness need to be improved	Will improve
Syllabus coverage as per course plan (B)	Excellent(5)	Syllabus coverage is happening	Will maintain
Conduct of Tutorial Classes (B)	Good(4)	Tutorial classes are conducting	Will maintain
Evaluation of Answer Scripts (A):	Good(4)	The valuations are doing in time itself.Taxonomy level of question paper not matching	Will look into it
Conduct of practical courses (B)	Good(4)	75% completion of experiments.	Will improve

Evaluation of students performance in practical classes (A):	Good(4)	Regular viva conducted	Will maintain
Facility to do experiments in the lab (A)	Good(4)	Facilities available.	Will maintain
Conduct of remedial/minor/honours classes (B)	Good(4)	Remedial classes are conducting. No students registered for minor/Honours	Will maintain and will take measures to give awareness students regarding importance of minor/Honors
Maintenance of course diary (A)	Excellent(5)	Course diary is maintaining	Will maintain
Assessment of Outcomes (A)	Good(4)	Assessment is done.	Will maintain
Faculty evaluation amp remarks of the HoD (A)	Good(4)	Student feedback is taking through google forms. HOD also evaluating the faculty .Two times the evaluation process is happening.	Will maintain
Conduct of Seminar, Mini project, Project amp Thesis (A)	Fair(3)	More improvement required.	Will improve
Computing facility in the department (A)	Fair(3)	Lab facility available. Lack of licensed software's.	Will look into it
Facility for co-curricular and extracurricular activities (B)	Fair(3)	Students are involving in activities. More programs needs to conduct.	Will improve
Students attending MOOC or other online courses (B)	Very Poor(1)	No students are attending MOOC courses	All students are instructed to register and to do courses in npTEL and swayam portal

#### **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



Advisory meetings and action taken report (B)	Good(4)	Documents available. Effectiveness need to be improved	Will improve
Syllabus coverage as per course plan (B)	Excellent(5)	Verified	Will maintain
Conduct of Tutorial Classes (B)	Excellent(5)	tutorial classes are conducting	Will maintain
Evaluation of Answer Scripts (A):	Good(4)	Valuation is conducting in time itself Taxonomy level of question paper not matching	Will take measures to improve
Conduct of practical courses (B)	Fair(3)	Average 75% experiments completed.	Will improve
Evaluation of students performance in practical classes (A):	Good(4)	Regular Viva is conducting	Will maintain
Facility to do experiments in the lab (A)	Good(4)	basic facility available	Will maintain
Conduct of remedial/minor/honours classes (B)	Good(4)	Remedial classes conducting . No students registered for Honor/Minor	Will maintain
Maintenance of course diary (A)	Excellent(5)	Course diary is maintained	Will maintain
Assessment of Outcomes (A)	Good(4)	Assessment done	Will maintain
Faculty evaluation amp remarks of the HoD (A)	Good(4)	Two feedbacks taken from students for faculty evaluation in a semester. HOD remarks are also recording.	Will maintain
Conduct of Seminar, Mini project, Project amp Thesis (A)	Fair(3)	Needs more improvement.	Will improve
Computing facility in the department (A)	Fair(3)	No licensed software's available.	Will take measures for purchasing licensed softwares
Facility for co-curricular and extracurricular activities (B)	Fair(3)	More co curricular programs to be conducted.	Will look into it

Students attending MOOC or other online courses (B)	Very Poor(1)	No student attended any MOOC course	Students have been advised to do online courses on nptel and swayam portal. Some students are doing it now
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