



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

Academic Audit Report
2020 - 2021

Basic Details

Institution	VIMALJYOTHI ENGINEERING COLLEGE
First Auditor Name	Anto Sahaya Dhas
Second Auditor Name	
Visit	First
Semester Type	Odd

College Specific Assessments

Key Aspects	Rating	Auditor Remarks	Principal's Response
Compliance to the Academic Calendar of KTU (B)	Excellent(5)		
Functioning of students grievances and appeal committee (B)	Good(4)	No case is reported so far in the academic year 20-21	
Average student to faculty ratio (A)	Excellent(5)	Having good number of faculty members	
Faculty Qualification Index (A)	Poor(2)	Having only 18 Faculty with PhD	
Number of qualified technical staff (A)	Good(4)	Adequate diploma holders and ITI holders are available	
Facility of central library with respect to volume, title of books, online print journals (A)	Good(4)	Well-stocked library, with ebooks, print journals, e-journals. Invoice of EBS shown. The register must be authenticated by the Principal.	

Functioning of IQAC and Progress of IQAC report uploading (A)	Good(4)	Minutes has to authenticated by the IQAC coordinator	
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Student Interaction

Key Aspects	Rating	Auditor Remarks	Principal's Response
Syllabus coverage (B)	Excellent(5)	Covered as per lesson plan	
Effectiveness of teaching/learning process	Excellent(5)	Effectively conducted classes through online platform - Google meet . Also recordings of the online classes were shared to the students	
Conduct of Labs (B)	Good(4)	Through online mode only - virtual labs	
Continuous assessment (B)	Excellent(5)	One assessment completed	
Interaction/discussion/doubt clearing etc (A)	Excellent(5)		
Net connectivity issue	Not Relevant	No issues	
Extra fees/fine imposed on students (B)	Not Relevant	No	
Approach of the management/institution in addressing student grievances (B)	Excellent(5)		
Availability of Faculty for all subjects (A)	Excellent(5)		
Any other remarks (C)	Excellent(5)	Nil	

ELECTRONICS & COMMUNICATION ENGG-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Excellent(5)	S5 and S7- Conducted only one	

Advisory meetings and action taken report (B)	Excellent(5)	Signature of the Course Leader shall be added.	
Result analysis of previous odd semester (A)	Good(4)		
Syllabus coverage as per course plan (A)	Good(4)	Planned and Execution not matched with few course	
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	Course materials and lectures are uploaded into google classroom	
Conduct of minor/honours classes (A)	Good(4)	Maintained.	
NPTEL/SWAYAM course materials recommended for reading (B)	Fair(3)	No Proof is maintained for recommending . only Few students details available for doing NPTEL Course	
Conduct of Internal assessments for theory and lab classes (A)	Excellent(5)	As per KTU and VJEC calendar.	
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)	Google Form is used for collecting details. Better to conduct after each module	
Conduct of series tests (A)	Excellent(5)	As per KTU calendar.	
Maintenance of course diary (A)	Good(4)	Course diary downloaded from Spaneoos was kept for all courses.	
Register showing Activity points (B)	Excellent(5)	Scanned copies of all the activities are uploaded.	
Conduct of laboratory classes with relevant details(A)	Good(4)	All the details are available. Video links are available in google classroom.	
Online Faculty evaluation amp remarks of the HoD (A)	Good(4)	Feedback details available. Students participation is very poor, almost all course it is below 50% . Remarks of HOD is missing	

MECHANICAL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Excellent(5)	Signature of the Chairman shall be added.	
Advisory meetings and action taken report (B)	Excellent(5)	Signature of the Course Leader and HoD shall be added.	
Result analysis of previous odd semester (A)	Fair(3)	Results of S3 ME-A and S3 ME-B may be improved in the upcoming semesters.	
Syllabus coverage as per course plan (A)	Excellent(5)	No significant deviation from the plan observed.	
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	Required details available.	
Conduct of minor/honours classes (A)	Excellent(5)	Required details available.	
NPTEL/SWAYAM course materials recommended for reading (B)	Good(4)	Dept. encourages the students to undergo such courses. The count of students taking such courses may be improved.	
Conduct of Internal assessments for theory and lab classes (A)	Excellent(5)	Required details available.	
The mechanisms for taking feedback as to whether the online classes are effective (B)	Good(4)	Online feedback under process.	
Conduct of series tests (A)	Excellent(5)	Duly signed IQAC forms shall be maintained.	
Maintenance of course diary (A)	Excellent(5)	Required details available.	
Register showing Activity points (B)	Excellent(5)	Required details available.	
Conduct of laboratory classes with relevant details(A)	Excellent(5)	Required details available.	

Online Faculty evaluation and remarks of the HoD (A)	Excellent(5)	Feedback details available. Evidence of peer review initiated is found. The benchmark score selected for peer review may be shown.	
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CIVIL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Good(4)	S5 & S7 Class Committee meeting conducted and action taken report missing	
Advisory meetings and action taken report (B)	Good(4)	S3 Advisory meeting conducted and action taken report missing	
Result analysis of previous odd semester (A)	Excellent(5)	Available for all semesters	
Syllabus coverage as per course plan (A)	Excellent(5)	Lesson plan execution shown and Separate list of portion coverage not available	
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	Google classroom with materials and videos available	
Conduct of minor/honours classes (A)	Good(4)	Consolidated Honors list of the batch 2017-21 batch is not available MOOC course selected list available	
NPTEL/SWAYAM course materials recommended for reading (B)	Good(4)	Separate list not available Students with selected course details attached	
Conduct of Internal assessments for theory and lab classes (A)	Excellent(5)	First Internal assessment of theory completed and marks published	
The mechanisms for taking feedback as to whether the online classes are effective (B)	Good(4)	Faculty feedback from spaneous available	

Conduct of series tests (A)	Excellent(5)	IA-1 completed the as per KTU academic calendar	
Maintenance of course diary (A)	Excellent(5)	Available for all courses	
Register showing Activity points (B)	Good(4)	S7 CEA&B till 2018-19 updated . S3 CE A&B updated S5 CEA&B not updated	
Conduct of laboratory classes with relevant details(A)	Good(4)	Rubrics for continuous evaluation not available Demonstration videos not provided Evaluation sheet with expt wise mark presented	
Online Faculty evaluation amp remarks of the HoD (A)	Good(4)	Online staff feedback taken and remarks by the HOD not available	

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)		
Result analysis of previous odd semester (A)	Excellent(5)		
Syllabus coverage as per course plan (A)	Fair(3)	Tutorial register missing.it would be better if there is a register for tutorial hours and its proof.	
Platform used for LMS/Course materials and lectures uploaded (A)	Good(4)	Can be improved	
Conduct of minor/honours classes (A)	Good(4)	Student lists for honours students and status of MOOC courses undergo by honours students can be incorporated	

NPTEL/SWAYAM course materials recommended for reading (B)	Good(4)	No materials of NPTEL for reading. Recommended to find some nptel course material and keep in a folder.	
Conduct of Internal assessments for theory and lab classes (A)	Excellent(5)		
The mechanisms for taking feedback as to whether the online classes are effective (B)	Fair(3)	Documents to be shown for the same	
Conduct of series tests (A)	Excellent(5)		
Maintenance of course diary (A)	Excellent(5)		
Register showing Activity points (B)	Excellent(5)		
Conduct of laboratory classes with relevant details(A)	Excellent(5)		
Online Faculty evaluation amp remarks of the HoD (A)	Fair(3)	Missing.it would be better if the same is included. Online classes feedback Should analyzed by HOD and countercheck	

APPLIED ELECTRONICS & INSTRUMENTATION ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Excellent(5)	Verified report and minutes of committee meetings. Found satisfactory	
Advisory meetings and action taken report (B)	Excellent(5)	Verified report and minutes of committee meetings. Found satisfactory	
Result analysis of previous odd semester (A)	Fair(3)	Verified S3,S5 S5-45%- Fair results S3-35.7% .S7-?,S8?	

Syllabus coverage as per course plan (A)	Good(4)	Portions coverage is satisfactory. Currently 3rd or 4th modules running for most of the course	
Platform used for LMS/Course materials and lectures uploaded (A)	Poor(2)	Verified the details of LMS Platform: Google Classroom. Google Classroom is not being updated regularly with class videos etc?	
Conduct of minor/honours classes (A)	Fair(3)	Data verified for B Tech Honours. Only 01 student undergoing MOOC- No assessment details available. No minor course is offered from the department.	
NPTEL/SWAYAM course materials recommended for reading (B)	Poor(2)	No list of NPTEL course materials made available	
Conduct of Internal assessments for theory and lab classes (A)	Excellent(5)	Verified relevant documents of the periodic assessment randomly from S3, S5, and S7. Relevant details available.	
The mechanisms for taking feedback as to whether the online classes are effective (B)	Fair(3)	Verified the feedback mechanism. Responses collected from students. Analysis/consolidation not done.	
Conduct of series tests (A)	Excellent(5)	Data verified randomly. Tests conducted, details are available-	
Maintenance of course diary (A)	Excellent(5)	. Course diaries are maintained as download from ERP- all relevant data are available	
Register showing Activity points (B)	Excellent(5)	Data verified. Consolidated activity points are available in excel	

Conduct of laboratory classes with relevant details(A)	Fair(3)	Data verified for B tech Honours. ? only 01 student-undergoing MOOC-No assessment details available. No minor course is offered from the department.	
Online Faculty evaluation amp remarks of the HoD (A)	Poor(2)	Data verified. Responses collected from students. No consolidation/analysis done	

COMPUTER SCIENCE & ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Excellent(5)	Signature of the Chairman shall be added.	
Advisory meetings and action taken report (B)	Excellent(5)	Signature of the Course Leader shall be added.	
Result analysis of previous odd semester (A)	Excellent(5)	Maintained in good manner.	
Syllabus coverage as per course plan (A)	Good(4)	There was no major deviation from the schedule.	
Platform used for LMS/Course materials and lectures uploaded (A)	Excellent(5)	Course materials and lectures are uploaded into google classroom	
Conduct of minor/honours classes (A)	Good(4)		
NPTEL/SWAYAM course materials recommended for reading (B)	Fair(3)	Separate file is not maintained. But the details are available in the activity points file.	
Conduct of Internal assessments for theory and lab classes (A)	Excellent(5)	As per KTU calendar.	
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)	Online feedback was taken one for each class to understand the effectiveness.	

Conduct of series tests (A)	Excellent(5)	As per KTU calendar.	
Maintenance of course diary (A)	Good(4)	Course diary downloaded from Spaneoos was kept for all courses.	
Register showing Activity points (B)	Excellent(5)	Scanned copies of all the activities are uploaded.	
Conduct of laboratory classes with relevant details(A)	Excellent(5)	All the details are available. Video links are available in google classroom.	
Online Faculty evaluation amp remarks of the HoD (A)	Good(4)	Feedback details available. Department is planning a peer review for the faculties who scored less than the cutoff.	

ELECTRONICS AND COMMUNICATION ENGINEERING(CONTROL AND INSTRUMENTATION)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Not Relevant	No students	
Result analysis of previous odd semester (A)	Not Relevant		
Syllabus coverage as per course plan (A)	Not Relevant		
Platform used for LMS/Course materials and lectures uploaded (A)	Not Relevant		
The mechanisms for taking feedback as to whether the online classes are effective (B)	Not Relevant		
Maintenance of course diary (A)	Not Relevant		
Conduct of Seminar Mini project (A)	Not Relevant		
Faculty with Ph.D for the program (A)	Not Relevant		

Students attending MOOC or other online courses (B)	Not Relevant		
Conduct of Thesis (A)	Not Relevant		

COMPUTER SCIENCE AND ENGINEERING(COMPUTER SCIENCE AND ENGINEERING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Good(4)	Required details available.	
Result analysis of previous odd semester (A)	Good(4)	Required details available	
Syllabus coverage as per course plan (A)	Good(4)	There was no major deviation from the schedule.	
Platform used for LMS/Course materials and lectures uploaded (A)	Fair(3)	All the lectures are not uploaded in google classroom.	
The mechanisms for taking feedback as to whether the online classes are effective (B)	Excellent(5)	Online feedback was taken to understand the effectiveness.	
Maintenance of course diary (A)	Good(4)	Soft copies are maintained.	
Conduct of Seminar Mini project (A)	Good(4)	Required details available. Signature of the authorities required in the office order.	
Faculty with Ph.D for the program (A)	Good(4)	Total number of faculties with PhD is three.	
Students attending MOOC or other online courses (B)	Poor(2)	Department should encourage the students to participate in MOOC/online courses	
Conduct of Thesis (A)	Good(4)	Required details available.	

ELECTRICAL AND ELECTRONICS ENGINEERING(POWER ELECTRONICS)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
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Class/course committee meetings and action taken report (B)	Not Relevant		
Result analysis of previous odd semester (A)	Not Relevant		
Syllabus coverage as per course plan (A)	Not Relevant		
Platform used for LMS/Course materials and lectures uploaded (A)	Not Relevant		
The mechanisms for taking feedback as to whether the online classes are effective (B)	Not Relevant		
Maintenance of course diary (A)	Not Relevant		
Conduct of Seminar Mini project (A)	Not Relevant		
Faculty with Ph.D for the program (A)	Not Relevant		
Students attending MOOC or other online courses (B)	Not Relevant		
Conduct of Thesis (A)	Not Relevant		

ELECTRONICS AND COMMUNICATION ENGINEERING(COMMUNICATION ENGINEERING AND SIGNAL PROCESSING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Good(4)	Required details available.	
Result analysis of previous odd semester (A)	Good(4)		
Syllabus coverage as per course plan (A)	Good(4)	There was no major deviation from the schedule.	
Platform used for LMS/Course materials and lectures uploaded (A)	Good(4)	All the lectures are not uploaded in google classroom.	

The mechanisms for taking feedback as to whether the online classes are effective (B)	Poor(2)	Not done yet	
Maintenance of course diary (A)	Good(4)	Soft copies are maintained.	
Conduct of Seminar Mini project (A)	Good(4)	Required details available. Signature of the authorities required in the office order.	
Faculty with Ph.D for the program (A)	Good(4)	Total number of faculties with PhD is three.	
Students attending MOOC or other online courses (B)	Poor(2)	Department should encourage the students to participate in MOOC/online courses	
Conduct of Thesis (A)	Good(4)	Required details available.	

MECHANICAL ENGINEERING(THERMAL ENGINEERING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Not Relevant	No students	
Result analysis of previous odd semester (A)	Not Relevant		
Syllabus coverage as per course plan (A)	Not Relevant		
Platform used for LMS/Course materials and lectures uploaded (A)	Not Relevant		
The mechanisms for taking feedback as to whether the online classes are effective (B)	Not Relevant		
Maintenance of course diary (A)	Not Relevant		
Conduct of Seminar Mini project (A)	Not Relevant		

Faculty with Ph.D for the program (A)	Not Relevant		
Students attending MOOC or other online courses (B)	Not Relevant		
Conduct of Thesis (A)	Not Relevant		

CIVIL ENGINEERING(STRUCTURAL ENGINEERING AND CONSTRUCTION MANAGEMENT)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Poor(2)	No data	
Result analysis of previous odd semester (A)	Good(4)		
Syllabus coverage as per course plan (A)	Excellent(5)		
Platform used for LMS/Course materials and lectures uploaded (A)	Good(4)		
The mechanisms for taking feedback as to whether the online classes are effective (B)	Poor(2)		
Maintenance of course diary (A)	Good(4)		
Conduct of Seminar Mini project (A)	Good(4)		
Faculty with Ph.D for the program (A)	Good(4)		
Students attending MOOC or other online courses (B)	Poor(2)		
Conduct of Thesis (A)	Good(4)		