



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

**Academic Audit Report**  
**2018 - 2019**

**Basic Details**

Institution	<b>VIMALJYOTHI ENGINEERING COLLEGE</b>
First Auditor Name	<b>M K GIRIDHARAN</b>
Second Auditor Name	
Visit	<b>First</b>
Semester Type	<b>Odd</b>

**General Assessment**

<b>Auditor's Comment</b>	<b>Principal's Response</b>
Comments attached. Since the College has initiated action for NAAC accreditation, modified filing systems have to be followed in certain cases. Copies of all important files may be kept in IQAC.	

**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	Good(4)	Professionally designed format to be used for all published documents like attendance statements ,assignment marks, Internal test marks etc	
Functioning of students grievances and appeal committee	Good(4)	Procedure of constitution of the committee, notice of meeting, minutes ,follow up action etc are to be standardised.	

Functioning of Academic Discipline & Welfare committee	Good(4)	--do--	
Student feedback on co-curricular and extracurricular activities	Good(4)	Generally happy with the facilities	
Average student to faculty ratio index	Excellent(5)	1.29. Based on the list of faculty supplied and sanctioned strength	
Progress of Monthly report uploading	Good(4)	IQAC coordinator shall make sure that the scheduled dates of meetings are adhered to strictly.	
Principal's response ON previous audit reports	Good(4)	The principal's response may be entered against the auditors remarks positively.	

### B.Tech

<b>No of B.Tech Students</b>	1534
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### ELECTRONICS & COMMUNICATION ENGG-(Full Time)

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Functioning of class/course committees	Good(4)	Scheduled dates not followed as per KTU academic calendar	
Schedule of Time Table	Good(4)	Format may be modified to add more features and endorsements	
Attendance of students	Good(4)	Format to be modified to get more clarity	
Quantity & Quality of Assignments/Mini Projects	Good(4)	There is scope for improvement	
Conduct of Tutorial Classes	Good(4)	Tutorial logs to contain more information	

Syllabus coverage as per course plan	Good(4)	Were able to cover up the lost working days due to floods, since they started the semester two weeks earlier.	
Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Good(4)	Day to day evaluation to be assured. Quality of experiments can be improved.	
Syllabus coverage of practical courses	Good(4)	experiments beyond the syllabus can be tried if time permits.	
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)	Booster classes being arranged for weak students after regular hours on 3 days.	
Maintenance of course diary	Good(4)	All evaluation parameters to be entered in the course diary.	
Faculty evaluation by students	Good(4)	conducted 3 times in a semester. Only consolidated classwise copy needs to be filed.	
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Poor(2)	Overall pass %= 48.83 Must improve.	
Conduct of seminar classes	Good(4)	Distribution of marks to be entered in course diary.	
Quality & Progress of projects	Good(4)	There is scope for improvement. Mark distribution to be entered in course diary.	

**MECHANICAL ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Functioning of class/course committees	Good(4)	Scheduled dates for the meeting were not being adhered to. Constitution ,notice for the meeting, follow up action etc have to be properly filed.	
Schedule of Time Table	Good(4)	The format of time table may be modified to add more features and endorsement.	
Attendance of students	Good(4)	The format for publication of the attendance statements may be modified	
Quantity & Quality of Assignments/Mini Projects	Good(4)	There is scope for improvement	
Conduct of Tutorial Classes	Good(4)	Tutorial log book shall contain more information	
Syllabus coverage as per course plan	Good(4)	Were able to cover up the lost workingdays due to the flood, since they started regular classes two weeks earlier than the scheduled start.	
Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Good(4)	Day today evaluation of the students have to be assured by all faculty handling practical sessions.	
Syllabus coverage of practical courses	Good(4)	Experiments covering beyond syllabus can be considered if time permits	
Evaluation of students performance in practical classes	Good(4)		

Conduct of remedial/bridge classes	Good(4)	Booster classes in the evening hours after regular working time are being arranged for weak students .	
Maintenance of course diary	Good(4)	All evaluation results must be entered in the course diary.	
Faculty evaluation by students	Good(4)	3 feed backs are taken during the semester. Only class wise consolidated hard copy needs to be filed. This is a confidential document and must be kept with hod and Principal.	
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Poor(2)	overall pass =41.69(Poor). Must be improved.	
Conduct of seminar classes	Good(4)	Distribution of marks to be entered in course diary.	
Quality & Progress of projects	Good(4)	Mark distribution to be entered in course diary	

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

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Functioning of class/course committees	Good(4)	Scheduled dates are not seen followed. Constitution,notice of the meeting, follow up actions etc are to be filed.	
Schedule of Time Table	Good(4)	Format may be modified to add more features and authentications.	
Attendance of students	Good(4)	Format needs to be modified.	

Quantity & Quality of Assignments/Mini Projects	Good(4)	There is scope for improvement.	
Conduct of Tutorial Classes	Good(4)	Log sheets to contain more informations.	
Syllabus coverage as per course plan	Good(4)	Were able to cover uthe lost working days ,since they started before the scheduled dates.	
Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Good(4)	Day to day evaluations must be assured.	
Syllabus coverage of practical courses	Good(4)	contents beyond syllabus can be introduced if time permits.	
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)	Booster classes are being arranged for 3 days a week for the weak students.	
Maintenance of course diary	Good(4)	All evaluation parameters to be recorded in the course diary.	
Faculty evaluation by students	Good(4)	3 feed backs taken per semester. Need file only class wise consolidated score sheets.	
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Fair(3)	Overall pass % =56.37. Can improve.	
Conduct of seminar classes	Good(4)	Distribution of marks to be recorded in the course diary.	

Quality & Progress of projects	Good(4)	Can improve. Evaluation data should be recorded in the course diary.	
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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>
Functioning of class/course committees	Good(4)	Scheduled dates not followed. Hard copy of constitution, notice of the meeting, follow up etc shall be filed.	
Schedule of Time Table	Good(4)	Format may be modified to add more features and endorsements.	
Attendance of students	Good(4)	Format may be modified to add more clarity.	
Quantity & Quality of Assignments/Mini Projects	Good(4)	Can be improved.	
Conduct of Tutorial Classes	Good(4)	Log book to contain more information.	
Syllabus coverage as per course plan	Good(4)	Were able to cover up the lost days due to floods, since they started the classes two weeks earlier.	
Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Good(4)	Can be improved. Day to day evaluation must be guaranteed.	
Syllabus coverage of practical courses	Good(4)	Experiments beyond the syllabus can be included if time permits.	
Evaluation of students performance in practical classes	Good(4)	Evaluation to be based on course outcome.	
Conduct of remedial/bridge classes	Good(4)	Booster classes being arranged for 3 days per week for weak students.	

Maintenance of course diary	Good(4)	All evaluation parameters to be entered in the course diary.	
Faculty evaluation by students	Good(4)	being carried out 3 times in a semester. Class wise consolidated hard copy onle needs to be filed.	
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Poor(2)	Overall pass % =44.64. Must try to improve.	
Conduct of seminar classes	Good(4)	Distribution of marks to be entered in course diary.	
Quality & Progress of projects	Good(4)	Evaluation details to be recorded in course diary.	

#### **APPLIED ELECTRONICS & INSTRUMENTATION ENGINEERING-(Full Time)**

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Functioning of class/course committees	Good(4)	Scheduled dates are not followed. Constitution, notice of the meeting, follow up action etc are to be filed	
Schedule of Time Table	Good(4)	Format may be modified to add more features and authentication.	
Attendance of students	Good(4)	Format to be modified to bring more clarity.	
Quantity & Quality of Assignments/Mini Projects	Good(4)	Can be improved.	
Conduct of Tutorial Classes	Good(4)	Tutorial log book shall contain more information.	
Syllabus coverage as per course plan	Good(4)	Were able to cover up the loss of working days, since the classed started earlier than the scheduled dates.	



Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Good(4)	Day today evaluation to be assured. content beyond syllabus can also be included.	
Syllabus coverage of practical courses	Good(4)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)	Booster classes being arranged 3 days per week to help weak students.	
Maintenance of course diary	Good(4)	all evaluation parameters shall be recorded in the course diary.	
Faculty evaluation by students	Good(4)	3 feed backs per semester. No need to file individual score sheets. Keep class wise score sheet of faculty.	
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Poor(2)	Overall pass % =40.50. Must be improved.	
Conduct of seminar classes	Good(4)	Distribution of marks to be entered in the course diary.	
Quality & Progress of projects	Good(4)	Evaluation data to be recorded in the course diary.	

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

Key Aspects	Rating	Auditor Remarks	Principal's Response
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Functioning of class/course committees	Good(4)	Scheduled dates not being followed. Constitution, notice of the meeting, follow up action etc are to be documented .	
Schedule of Time Table	Good(4)	Format may be modified to add more features and authentications.	
Attendance of students	Good(4)	Format may be modified.	
Quantity & Quality of Assignments/Mini Projects	Good(4)	There is scope for improvement.	
Conduct of Tutorial Classes	Good(4)	Log book to contain more information.	
Syllabus coverage as per course plan	Good(4)	Were able to make the lost working days due to the floods, since classes were started earlier than the schedule.	
Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Good(4)	Day today evaluations to be assured.	
Syllabus coverage of practical courses	Good(4)	Beyond the syllabus experiments can also be included if time permits.	
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)	Booster classes are being arranged for 3 days in a week for the weak students	
Maintenance of course diary	Good(4)	All evaluation results to be marked in the course diary.	
Faculty evaluation by students	Good(4)	3 three feed backs during a semester. No need to file individual score sheets. consolidated class wise sheet only to be filed.	

Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Fair(3)	Overall pass % =57.31. Can be improved.	
Conduct of seminar classes	Good(4)	Distribution of evaluation marks to be recorded in the course diary.	
Quality & Progress of projects	Good(4)	Can be improved. Mark distribution to be recorded in the course diary	

### M.Tech

<b>No of M.Tech Students</b>	131
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### ELECTRONICS AND COMMUNICATION ENGINEERING(COMMUNICATION ENGINEERING AND SIGNAL PROCESSING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)	Follow the scheduled dates. file should contain constitution of the committee, notice of meeting, follow up etc.	
Schedule of Time Table	Good(4)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)	Can be improved	
Conduct of Tutorial Classes	Not Relevant		
Syllabus coverage as per course plan	Good(4)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Good(4)		

Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Not Relevant		
Maintenance of course diary	Good(4)		
Faculty evaluation by students	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Fair(3)	Overall pass % =73.2 .Can be improved	
Conduct of seminar classes	Good(4)	Distribution of marks to be entered in course diary	
Quality & Progress of projects	Good(4)	Evaluation details to be recorded in course diary	

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

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Functioning of class/course committees	Not Relevant		
Schedule of Time Table	Not Relevant		
Attendance of students	Not Relevant	No students admitted	
Quantity & Quality of Assignments/Mini Projects	Not Relevant		
Conduct of Tutorial Classes	Not Relevant		
Syllabus coverage as per course plan	Not Relevant		
Use of ICT enabled teaching & Digital courses	Not Relevant		
Conduct of Practical classes	Not Relevant		

Syllabus coverage of practical courses	Not Relevant		
Evaluation of students performance in practical classes	Not Relevant		
Conduct of remedial/bridge classes	Not Relevant		
Maintenance of course diary	Not Relevant		
Faculty evaluation by students	Not Relevant		
Student feedback on curriculum coverage	Not Relevant		
Student feedback on infrastructural facilities	Not Relevant		
Performance of students in the previous semester	Not Relevant		
Conduct of seminar classes	Not Relevant		
Quality & Progress of projects	Not Relevant		

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

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)	Follow the scheduled dates and use proper formats	
Schedule of Time Table	Good(4)	Format may be modified	
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)	Can be improved	
Conduct of Tutorial Classes	Not Relevant		
Syllabus coverage as per course plan	Good(4)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Good(4)		

Syllabus coverage of practical courses	Good(4)		
Evaluation of students performance in practical classes	Good(4)	Can be improved	
Conduct of remedial/bridge classes	Not Relevant		
Maintenance of course diary	Good(4)		
Faculty evaluation by students	Good(4)	Follow up actions may be recorded	
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Excellent(5)	Overall pass % =91.285.	
Conduct of seminar classes	Good(4)	Distribution of marks to be entered in course file	
Quality & Progress of projects	Good(4)	Evaluation details to be recorded on course file.	

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

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)	Follow scheduled dates.	
Schedule of Time Table	Good(4)	Format may be modified	
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)	Can be improved	
Conduct of Tutorial Classes	Not Relevant		
Syllabus coverage as per course plan	Good(4)		
Use of ICT enabled teaching & Digital courses	Good(4)		

Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Good(4)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Faculty evaluation by students	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Excellent(5)	Overall pass %=100.	
Performance of students in the previous semester	Good(4)		
Conduct of seminar classes	Good(4)	Mark distribution to be entered in course diary.	
Quality & Progress of projects	Good(4)	Evaluation details to be entered in course diary.	

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

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)	Follow scheduled dates. Improve file format	
Schedule of Time Table	Good(4)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)	Can be improved	
Conduct of Tutorial Classes	Not Relevant		
Syllabus coverage as per course plan	Good(4)		

Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Good(4)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Not Relevant		
Maintenance of course diary	Good(4)		
Faculty evaluation by students	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Excellent(5)	overall pass % =100 (Excellent). Keep it up	
Conduct of seminar classes	Good(4)	Mark distribution to be entered in course file	
Quality & Progress of projects	Good(4)	evaluation details to be entered in course file	

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

<b>Key Aspects</b>	<b>Rating</b>	<b>Auditor Remarks</b>	<b>Principal's Response</b>
Functioning of class/course committees	Good(4)	Follow the scheduled dates. Keep details of constitution of the committee, notice of meeting, follow up etc in order.	
Schedule of Time Table	Good(4)	Use modified format	
Attendance of students	Good(4)	Format to be modified	



Quantity & Quality of Assignments/Mini Projects	Good(4)	can be improved	
Conduct of Tutorial Classes	Not Relevant		
Syllabus coverage as per course plan	Good(4)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Good(4)		
Evaluation of students performance in practical classes	Good(4)	Can be improved	
Conduct of remedial/bridge classes	Not Relevant		
Maintenance of course diary	Good(4)		
Faculty evaluation by students	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Fair(3)	Overall pass % = 66.6. Can be improved	
Conduct of seminar classes	Good(4)	Distribution of marks to be entered in logbook	
Quality & Progress of projects	Good(4)	Evaluation data to be entered in course diary	