



VISION :

To develop into a center of excellence for quality education moulding competent civil engineering professionals dedicated to the progress and development of humanity

- **MISSION: To create an ideal ambience** for learning by integrating theory with practice.
- To interact with industries to provide a knowledge base for existing and emerging technologies in the field of civil engineering.
- To inculcate moral and ethical values among the students to mould them as civil engineers with social obligations

Program Educational Objectives (PEOs)

1. Graduates will achieve broad and in-depth knowledge of Civil Engineering relating to industrial practices and research to analyze the practical problems and think creatively to generate innovative solutions using appropriate technologies.
2. Graduates will make valid judgment, synthesize information from a range of sources and communicate them in sound ways appropriate to their discipline.
3. Graduates will sustain intellectual curiosity and pursue lifelong learning not only in areas that are relevant to Civil engineering, but also that are important to society.
4. Graduates will adapt to different roles and demonstrate leaderships in global working environment by respecting diversity, professionalism and ethical practices.

Department Advisory Board meeting-21/02/18

Minutes of Meeting

INTRODUCTION:

Annual Department Advisory Board meeting for the department of Civil Engineering was conducted on 21st February 2018, 12.00 PM at Board Room, VJEC. The committee was chaired by Dr. Benny Joseph (Principal, VJEC) and representatives of Management, industrial experts Mr. Anil Kumar T V, Senior project Manager, Artelia Eau & Environment and Mr. K Ratheesh, contractor, AKR Constructions. Representatives of alumni and parents, Prof. Biju Mathew (HOD CE), representatives of Staff and students were also present in the meeting. During the meeting the Vision, Mission, PEO, and PSPO was discussed and the existing mission of department was revised as:

- To provide quality education and training to create competent civil engineers
- To interact with industries to provide a knowledge base for existing and emerging technologies in the field of civil engineering.



- To inculcate moral and ethical values among the students to mould them as civil engineers with social obligations.

Also suggestions were provided to meet the curriculum gap, so that graduates are updated with recent trends in industry. Also the action taken and effectiveness based on the previous meeting minutes was discussed.

EVALUATION SUMMARY:

Sl. No	Name	Designation	Comments
1	Mr. Anil Kumar T V	Senior project Manager, Artelia Eau & Environment	<ul style="list-style-type: none">• Arrange motivational classes and inspirational talks to students about current scenario and scope of civil engineering by private and public professionals, IES Scholars etc.• Provide summer camp on surveying for at least 10 days in every year• Parents should encourage their ward for facing the challenges to attain the goal without giving much consideration about place of work and salary at starting.
2	Mr. A K Ratheesh	Contractor, AKR Construction	<ul style="list-style-type: none">• Additional software training and practical oriented courses can be arranged to enable the students achieve a highly rewarding career.• Conduct more industrial visits and ensure its effectiveness• Provide at least one day communication class in every semester• More preference should be given to the profession than



			<p>the remuneration</p> <ul style="list-style-type: none">• After the placement the candidate should at least complete one year in an organisation
3	Mr. Roy Thomas	Parent (Contractor)	<ul style="list-style-type: none">• Arrange visits for 1st year students to industries like RMC plants, Quarries etc. to gain knowledge about construction materials and their processing.• Give awareness about various job opportunities, like industrial, public sector, jobs in abroad and also different scholarships available for higher studies for the students.• Provide GATE, IES coaching for the interested students.
4	Mr. Sasidharan V	Parent (Civil Engineer, V K Associates)	<ul style="list-style-type: none">• Rather giving preference to jobs in MNCs students should be encouraged to work in reputed Indian companies.• It will be better to give a session for the students with some external resource persons from defense sector.• Find suitable time schedule for students to attend training programs along with the academics.
5	Ms. Ahima K & Ms. Athira P	Alumni	<ul style="list-style-type: none">• In order to get jobs in core sector, give training programs like AutoCAD, E tabs, Staad etc. for the students.
6	Mr. Albin Sebastian & Ms. Parvathi Narayanan	Students	<ul style="list-style-type: none">• Give hands on trainings for the students.• Provide practical oriented camp, so that the students will be able to apply the theoretical concepts in real construction works



ATR of DAB meeting – 21st February 2018

Sl.No	Details of Discussions/Decisions/Action points	Target date	Responsible authority	Remarks
1	Provide summer camp on surveying for at least 10 days	Every year	Internship committee	
2	Conduct additional software trainings (AutoCAD, E tabs, STAAD.Pro etc) & Practical oriented courses for students	Every semester	Programme Coordinators	Arrange Practical oriented workshops/Seminars
3	Conduct more industrial visits and ensure its effectiveness	Every Year	Internship committee	
4	Give sessions to improve the communication skill.	Every semester	Placement Officer	Conduct sessions like GD, talks etc
5	Give separate sessions for students to give awareness about current scenario and scope of Civil engineering	Every year	Programme Coordinators	
6	Give awareness about various job opportunities, like industrial, public sector, jobs in abroad and also different scholarships available for higher studies for the students.	Every year	All tutors	
7	Motivate the students to attend the exams and interviews for Army, Navy, Air force etc and provide Gate, IES coaching for the interested students	Final year	Final year tutors	Arrange motivational talks by experts



VIMAL JYOTHI ENGINEERING COLLEGE

JYOTHI NAGAR, CHEMPERI - 670632, KANNUR D.T., KERALA

An ISO 9001:2008 Certified Institution



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

Academic Audit Report
2017 - 2018

Basic Details

Institution Name	VIMALJYOTHI ENGINEERING COLLEGE
Auditor Name	Govindaraj E
Visit	Second
Semester Type	Odd

General Assessment

Auditor's Comment	Principal's Response
1. Total hours planned for particular a module is less than that of the hours allocated for the syllabus. 2. Not perfectly conducted the internal audit. 3. Presents of students found in 3rd class committee.	Many thanks and we shall keep this in mind incorporate as directed while planning for next semester.

College Specific Assessments

Key Aspects	Rating	Auditor Remarks	Principal's Response
Compliance to the Academic Calendar of KTU	Excellent(5)		
Functioning of students grievances and appeal committee	Excellent(5)		
Functioning of Academic Discipline & Welfare committee	Excellent(5)		
Information on progress of students to their parents	Excellent(5)		

Student feedback on co-curricular and extracurricular activities	Good(4)		
Average student to faculty ratio index	Excellent(5)		
Progress of Monthly report uploading	Good(4)		
Principal's response ON previous audit reports	Good(4)		

B.Tech

No of B.TechStudents	1272
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ELECTRONICS & COMMUNICATION ENGG

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Attendance of students	Excellent(5)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Fair(3)	conducting more than two exams will adversely affect the students attitude towards learning process	More chances are given to the students in the spirit of continuous assessment
Conduct of Practical classes	Excellent(5)		
Syllabus coverage of practical courses	Excellent(5)		

Evaluation of students performance in practical classes	Excellent(5)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Fair(3)	Due to lack of proper internal auditing	
Student feedback on curriculum coverage	Fair(3)		
Student feedback on infrastructural facilities	Fair(3)		

ELECTRICAL AND ELECTRONICS ENGINEERING

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Attendance of students	Excellent(5)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Fair(3)	conducting more than two exams will adversely affect the students attitude towards learning process	More chances are given to the students in the spirit of continuous assessment
Conduct of Practical classes	Excellent(5)		
Syllabus coverage of practical courses	Excellent(5)		

Evaluation of students performance in practical classes	Excellent(5)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Fair(3)	Due to lack of proper internal auditing	
Student feedback on curriculum coverage	Fair(3)		
Student feedback on infrastructural facilities	Fair(3)		

COMPUTER SCIENCE & ENGINEERING

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Attendance of students	Excellent(5)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Fair(3)	conducting more than two exams will adversely affect the students attitude towards learning process	More chances are given to the students in the spirit of continuous assessment
Conduct of Practical classes	Excellent(5)		
Syllabus coverage of practical courses	Excellent(5)		

Evaluation of students performance in practical classes	Excellent(5)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Fair(3)	Due to lack of proper internal auditing	
Student feedback on curriculum coverage	Fair(3)		
Student feedback on infrastructural facilities	Fair(3)		

CIVIL ENGINEERING

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Attendance of students	Excellent(5)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Fair(3)	conducting more than two exams will adversely affect the students attitude towards learning process	More chances are given to the students in the spirit of continuous assessment
Conduct of Practical classes	Excellent(5)		
Syllabus coverage of practical courses	Excellent(5)		

Evaluation of students performance in practical classes	Good(4)	Lack of transparency	
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Fair(3)	Due to lack of proper internal auditing	
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Fair(3)		

APPLIED ELECTRONICS & INSTRUMENTATION ENGINEERING

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Attendance of students	Excellent(5)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Fair(3)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Fair(3)	conducting more than two exams will adversely affect the students attitude towards learning process	More chances are given to the students in the spirit of continuous assessment
Conduct of Practical classes	Good(4)		

Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Excellent(5)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Fair(3)		
Student feedback on curriculum coverage	Fair(3)	Due to lack of proper internal auditing	
Student feedback on infrastructural facilities	Fair(3)		

MECHANICAL ENGINEERING

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Attendance of students	Excellent(5)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Fair(3)	conducting more than two exams will adversely affect the students attitude towards learning process	More chances are given to the students in the spirit of continuous assessment
Conduct of Practical classes	Excellent(5)		

Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Excellent(5)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Fair(3)	Due to lack of proper internal auditing	
Student feedback on curriculum coverage	Fair(3)		
Student feedback on infrastructural facilities	Fair(3)		

M.Tech

No of M.TechStudents	115
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COMPUTER SCIENCE AND ENGINEERING(COMPUTER SCIENCE AND ENGINEERING)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Attendance of students	Excellent(5)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Not Relevant		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Good(4)		
Conduct of Practical classes	Excellent(5)		

Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Fair(3)	Due to lack of proper internal auditing	
Student feedback on curriculum coverage	Fair(3)		
Student feedback on infrastructural facilities	Fair(3)		

MECHANICAL ENGINEERING(THERMAL ENGINEERING)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Attendance of students	Excellent(5)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Not Relevant		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Excellent(5)		

Evaluation of students performance in practical classes	Excellent(5)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Fair(3)	Due to lack of proper internal auditing	
Student feedback on curriculum coverage	Fair(3)		
Student feedback on infrastructural facilities	Fair(3)		

ELECTRONICS AND COMMUNICATION ENGINEERING(CONTROL AND INSTRUMENTATION)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Attendance of students	Excellent(5)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Not Relevant		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Good(4)		
Conduct of Practical classes	Excellent(5)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Excellent(5)		

Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Fair(3)	Due to lack of proper internal auditing	
Student feedback on curriculum coverage	Fair(3)		
Student feedback on infrastructural facilities	Fair(3)		

ELECTRONICS AND COMMUNICATION ENGINEERING(COMMUNICATION ENGINEERING AND SIGNAL PROCESSING)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Attendance of students	Excellent(5)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Not Relevant		
Syllabus coverage as per course plan	Good(4)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Good(4)		
Conduct of Practical classes	Excellent(5)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Excellent(5)		
Conduct of remedial/bridge classes	Good(4)		

Maintenance of course diary	Fair(3)	Due to lack of proper internal auditing	
Student feedback on curriculum coverage	Fair(3)		
Student feedback on infrastructural facilities	Fair(3)		

CIVIL ENGINEERING(STRUCTURAL ENGINEERING AND CONSTRUCTION MANAGEMENT)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Attendance of students	Excellent(5)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Not Relevant		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Good(4)		
Conduct of Practical classes	Excellent(5)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Excellent(5)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Fair(3)	Due to lack of proper internal auditing	

Student feedback on curriculum coverage	Fair(3)		
Student feedback on infrastructural facilities	Fair(3)		

ELECTRICAL AND ELECTRONICS ENGINEERING(POWER ELECTRONICS)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Attendance of students	Excellent(5)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Not Relevant		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Good(4)		
Conduct of Practical classes	Excellent(5)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Excellent(5)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Fair(3)	Due to lack of proper internal auditing	
Student feedback on curriculum coverage	Fair(3)		

Student feedback on infrastructural facilities	Fair(3)		
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