



YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	COLLEGE OF ENGINEERING VADAKARA
• Name of the Head of the institution	Dr. Joseph O.A
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	04962537225
• Mobile no	9400477225
• Registered e-mail	principal@cev.ac.in
• Alternate e-mail	citvcape@gmail.com
• Address	Mandarathur Post, Vadakara, Kozhikode(Dt), Kerala
• City/Town	Vadakara
• State/UT	Kerala
• Pin Code	673105
2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Rural

• Financial Status	Grants-in aid				
• Name of the Affiliating University	APJ Abdul Kalam Technological University				
• Name of the IQAC Coordinator	Ragi R.G.				
• Phone No.	04962537225				
• Alternate phone No.	04962536125				
• Mobile	9747054045				
• IQAC e-mail address	iqac@cev.ac.in				
• Alternate Email address	principal@cev.ac.in				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.cev.ac.in/en/wp-content/uploads/2022/01/AQAR-2019-20.pdf				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.cev.ac.in/en/wp-content/uploads/2022/01/CEV-Academic-Calendar-2020-21-Even-and-Odd-2.pdf				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	2.54	2017	27/11/2017	26/11/2022
6.Date of Establishment of IQAC			11/11/2014		
7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
Institutional 1	Nil	TEQIP	Nil	200000	
8.Whether composition of IQAC as per latest NAAC guidelines			Yes		

<ul style="list-style-type: none"> • Upload latest notification of formation of IQAC 	View File
9.No. of IQAC meetings held during the year	6
<ul style="list-style-type: none"> • Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes
<ul style="list-style-type: none"> • If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
<ul style="list-style-type: none"> • If yes, mention the amount 	
11.Significant contributions made by IQAC during the current year (maximum five bullets)	
1. Academic Calendar prepared for the year 2020-21.	
2. Centralized student project evaluation through RD cell	
3. Carried out the Internal Academic Audit	
4. Prepared Institution Annual Report 2020-21	
12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year	
Plan of Action	Achievements/Outcomes
IQAC has listed out all academic events and prepared academic calendar before the commencement of classes.	As the events at college level and department level are well planned, the effective execution of events are achieved as per the academic calendar in online mode.
Internal Academic Audits are charted as per university schedule.	Internal Academic Audits were carried out as per the plan in online mode.

13. Whether the AQAR was placed before statutory body?	Yes				
<ul style="list-style-type: none"> Name of the statutory body 					
<table border="1"> <thead> <tr> <th>Name</th> <th>Date of meeting(s)</th> </tr> </thead> <tbody> <tr> <td>Board of Governors</td> <td>20/09/2021</td> </tr> </tbody> </table>		Name	Date of meeting(s)	Board of Governors	20/09/2021
Name	Date of meeting(s)				
Board of Governors	20/09/2021				
14. Whether institutional data submitted to AISHE					
<table border="1"> <thead> <tr> <th>Year</th> <th>Date of Submission</th> </tr> </thead> <tbody> <tr> <td>2020-21</td> <td>24/02/2022</td> </tr> </tbody> </table>		Year	Date of Submission	2020-21	24/02/2022
Year	Date of Submission				
2020-21	24/02/2022				
15. Multidisciplinary / interdisciplinary					
16. Academic bank of credits (ABC):					
17. Skill development:					
18. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)					
19. Focus on Outcome based education (OBE): Focus on Outcome based education (OBE):					
20. Distance education/online education:					

Extended Profile

1. Programme

1.1 290

Number of courses offered by the institution across all programs during the year

File Description	Documents
Data Template	View File

2.Student2.1 901

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2 165

Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year

File Description	Documents
Data Template	View File

2.3 272

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	No File Uploaded

3.Academic3.1 68

Number of full time teachers during the year

File Description	Documents
Data Template	No File Uploaded

3.2 68

Number of sanctioned posts during the year

Extended Profile

1. Programme

1.1	290
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2. Student

2.1	901
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2	165
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	View File

2.3	272
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	No File Uploaded

3. Academic

3.1	68
Number of full time teachers during the year	

File Description	Documents
Data Template	No File Uploaded

3.2	68
Number of sanctioned posts during the year	

File Description	Documents
Data Template	View File

4.Institution	
4.1	31
Total number of Classrooms and Seminar halls	
4.2	104.78
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	511
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Institution prepares and publishes the academic calendar by listing all major activities of the academic year, in the Campus Management Software (CMS) well in advance. Subject allocation and Timetable preparation are completed prior to the commencement of classes. Lesson plans, study materials and question banks prepared by the faculty are uploaded in the CMS. Remedial classes are arranged for academically weak students immediately after the first internal evaluation. Orientation classes are given to the newly recruited faculty of the Institution. Two series examinations and one model examination is conducted internally in each semester to evaluate student performance and the results are published in the CMS which can be accessed by both students and parents. Daily attendance of the students are also available in CMS. Availability of text books and reference books for all courses are ensured before the commencement of classes. Class committee meetings are organized twice per semester to get student feedback on curriculum implementation and coverage. One class PTA meeting is

arranged in each semester to interact with parents. Minimum three assignments are given for each courses to improve application and problem solving skill of students. Two series exams covering 2 modules per subject are conducted during a semester.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The university publishes an academic calendar before the commencement of each semester. The Institution strictly follows the calendar issued by the University and plans all its activities. The academic activities, CIE, and all activities are conducted in adherence to the calendar except for unforeseen circumstances. Internal quality assurance cell (IQAC) of the institution supervise and monitor the completion of the syllabus as per the lesson plan prepared by the faculty. The IQAC conducts an internal academic audit every semester and audit report is prepared and forwarded to the Heads of the departments. There is a well-defined process for the conduct of CIE as per the calendar of events. The internal assessment test timetable prepared by the internal examination committee is published to stakeholders, and conducted as per the schedule. Continuous evaluation and assessments are also done for laboratory course, project work and seminars. The final internal marks for theory and laboratory courses are tabulated as per the university regulation. The Principal, through the IQAC meetings, frequently reviews the semester's progress and provides suitable suggestions. In case of revision of academic calendar by the university, institute incorporates the necessary changes accordingly.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

1.1.3 - Teachers of the Institution participate in following activities related to curriculum

B. Any 3 of the above

development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

7

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

3

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

85

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The University curriculum includes mandatory theory courses on Professional Ethics and Sustainable Engineering the second year of BTECH degree for all branches of Engineering. These courses provide an awareness of environmental issues and the global initiatives towards attaining sustainability and creates awareness on ethics and human values. The course on Environmental impact assessment in the seventh semester addresses various types of environmental pollution and the impact of various types of pollutants and their assessment techniques. The elective course disaster management offered by the civil engineering department to all other branches in the eight semester aims to provide an overview of the common hazards and their dynamics and to get general ideas about the processes involved in natural and anthropogenic disasters. The curriculum includes a mandatory theory course on "The Constitution of India" offered to all engineering branches aims to study own country's constitution and the importance of environment as well as understanding their own human rights and help the students to concentrate on their day to day discipline. University curriculum offers an elective course on Air Quality Management to study various forms of air pollutants and their effects on human and environment.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

7

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

281

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the

B. Any 3 of the above

syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	
File Description	Documents
URL for stakeholder feedback report	https://www.cev.ac.in/en/wp-content/uploads/2022/03/FEEDBACK-REPORT-2020-21.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	No File Uploaded
Any additional information	View File
1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website
File Description	Documents
Upload any additional information	No File Uploaded
URL for feedback report	Nil
TEACHING-LEARNING AND EVALUATION	
2.1 - Student Enrollment and Profile	
2.1.1 - Enrolment Number Number of students admitted during the year	
2.1.1.1 - Number of students admitted during the year	
225	
File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File
2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)	
2.1.2.1 - Number of actual students admitted from the reserved categories during the year	

118

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

As soon as students admitted, a one week Induction program is conducted to orient the students towards engineering courses. The students are also given orientation towards communication skills. The slow learners are identified and remedial classes are conducted. Viva voce exams are conducted during lab hours .Tutorial classes ,Assignments and Model exams are conducted for all courses after completion of syllabus.A group tutor is assigned for every 20 students for their academic and personal guidance. Counsellors /advisors are assigned to each class Academic mentoring is done by the faculty. The main duty of this advisor or counsellor is to carefully monitor the student activities like regularity of attendance, the performance of the students in internal and external tests and semester examinations. Remedial Classes are arranged for slow learners which helps weak students to score better marks. The students are directed to meet the external counsellor if needed. Two trained faculty of the institute are acting as counsellors. Apart from this an external counsellor visit the campus whenever necessary.Slow learners are encouraged to take NPTEL courses

Advanced Learners are encouraged to participate in inter-college paper presentation, Internship, Hackathons / Design contests , GATE exams and Honours degree exams

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
901	74

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

various methods used are as follows

Lecture method: This conventional method is commonly adopted by all the teachers, especially language teachers.

Interactive method: The faculty members make learning interactive with students by motivating student participation in group discussion, role-play, subject quiz, news analysis, educational games, discussions, questions and answers on current affairs.

ICT Enabled Teaching: ICT enabled teaching includes Wi-Fi enabled class rooms with LCD, Language Lab, Smart Class rooms, E-learning resources. Virtual class room links the guest lecture of eminent persons to develop their core knowledge in the subject.

Regular practical sessions

Online reference, lecture talks, motivational talks, educational videos and web reference support the teaching-learning process. Learning resources and useful websites are made available in the college website,

Project - based learning: our college demands project based Learning. The teachers are the guides to the students in the process of preparation of projects in their curriculum.

Student Seminars : The Student seminars are organized where in the papers are presented by students on contemporary topics to enrich their learning experience.

Project: Internships are considered as an important career stepping stone in our college. All third year to final year students undergoes internship which will teach valuable on-the-job skills .

File Description	Documents
Upload any additional information	View File
Link for additional information	Nil

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

Today, it is essential for the students to learn and master the latest technologies in order to be corporate ready. As a consequence, teachers of our institution are combining technology with traditional mode of instruction to engage students in long term learning. College uses Information and Communication Technology (ICT) in education to support, enhance, and optimize the delivery of education. The following tools are used by the Institute ICT Tools:

1. Projectors- 28 projectors and 10 digital boards are available in different classrooms/labs and seminar halls
 2. Desktop and Laptops- Arranged at Computer Lab and Faculty cabins all over the campus.
 3. Printers- They are installed at Labs, HOD Cabins and all prominent places.
 4. Photocopier machines - Multifunction printers are available at all prominent places in the institute. There are four photostat machines available in campus.
 5. Scanners- Multifunction printers are available at all prominent places.
 6. Seminar Rooms- Three seminar halls are equipped with all digital facilities.
 7. Smart Board- 10 smart board is installed in the campus.
 8. Online Classes through Zoom, Google Meet, Microsoft Team, Google Classroom)
 9. Digital Library resources

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	No File Uploaded

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

45

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	No File Uploaded

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

68

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

7

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

68

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The system of internal assessment is communicated with the students well in time. According to the university academic calendar, a student has to appear in 2 internal series examinations and 1 university examinations. The schedule of the internal examination is decided at the beginning of the each semesters, in the form of academic calendar. The marks of the test are published in the campus monitoring system (CMS) and each student can ask about its performance. Some teachers analyses the solution and method of solving the paper in the class-rooms, specially in problem based subjects. Class Assessment Test and Assignment copies shown and discussed with students. Evaluation method composed of internal examinations held progressively during the semester and is designed to check and report the periodic performance of the student. The internal assessment and evaluation includes class assessment test, practical examination, class assignments etc. The practical subjects evaluation parameters are practical record, practical exam, viva-voce and teacher assessment. The method of internal assessment helps the teachers to evaluate the students more appropriately. The seminar presentation improves the communication skills of the students which is very essential to face the interviews. In this way mechanism of internal assessment is transparent and robust.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound

and efficient

Mechanism to deal with examination related grievances is transparent, timebound and efficient. The internal assessment test schedules are prepared as per the university and communicated to the students well in advance. The corrected answer papers of the students are distributed to them for the verification by the students and any grievance is redressed immediately. The marks obtained by the students in internal assessment tests are displayed in campus management system. For the quality of the projects, the evaluation is done by Project Review Committee along with the project guides. The end examination for the laboratory and projects shall be conducted with internal and external examiner appointed from the other departments

Redressal of grievances at institute level:

Departmental Level: The continuous evaluation of students is carried out by faculty regarding theory lectures, labs, assignments, unit tests.

Query if any is discussed with faculty and HOD.

College Level: The Institute appoints a Senior faculties for smooth conduction of examinations

If students are facing any problems, they are solved by the institution Chief Examination Officer appointed by the Principal

. The grievances during the conduction of online/theory examinations are considered and discussed in consultation with the Principal

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

The college has clearly stated learning outcomes of the Programs

and Courses. The following mechanism is followed by the institution to communicate the learning outcomes to the teachers and students.

Hard Copy of syllabi and Learning Outcomes are available in the departments for ready reference to the teachers and students

The importance of the learning outcomes has been communicated to the teachers in every IQAC meeting and College Committee meeting

The students are also made aware of the same through Tutorial meetings

Workshops have also been conducted for developing the Programme Educational Objectives and Learning outcomes at college level

POs and PSOs are approved by the KTU

POs and PSOs are available in the KTU website

POs and PSOs are kept in prominent locations of the campus for staff, students and public view.

POs and PSOs are displayed in Department office, Laboratories and Department library.

During the class committee meeting and faculty meeting POs and PSOs are reviewed among the students and staff members.

The COs are given by the KTU along with the syllabus.

During the commencement of each unit and after the completion of the unit, the course outcomes are reviewed

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

Attainment of the Course Outcomes

The course outcome is measured through syllabus, completion of syllabus, continuous evaluation, setting up of question paper, evaluation, and result. 75 percent of compulsory attendance to qualify for writing the examination of the courses is adhered to, to ensure students participation in the class. The continuous evaluation is done through tests, quizzes, written assignments, presentation of papers, oral presentations, field work and so on. The end semester examination of every course is based on written examination of three hours

The programme specific outcome is measured by taking the aggregate result of all courses in a given programme of an individual student, and then the average performance of all the students in a given programme. The institute follows the Academic Calendar of the affiliating university (KTU). All the subject teachers prepare Semester-Wise evaluation Reports. Institute consider Feedback from the Stakeholders for the attainment of PO, PSO and CO. Placement committee take the review of the Students' Progression to Higher Studies and their Placement.

At the beginning of every semester/year, the subject teacher conveys Course Objectives (CO) at the introductory part of respective subjects. The examinations and results of University also measure the attainment of CO, PO and PSO.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

135

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

<https://www.cev.ac.in/en/wp-content/uploads/2022/03/Exit-Survey-Sample.pdf>, <https://www.cev.ac.in/en/wp-content/uploads/2022/07/Survey-Result-2018-22-Batch-Course-Exit-Survey.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

NIL

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	No File Uploaded

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

5

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

0

File Description	Documents
List of research projects and funding details (Data Template)	No File Uploaded
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

COLLEGE OF ENGINEERING VADAKARA

INTRODUCTION

The college has conducted the following activities as part of the Innovation and Entrepreneurship Development Cell (IEDC) :

ACTIVITIES WEBSITE & VIDEO MAKING

Designed websites for guiding KSEB online bill payment, PAN card registration utility, Voter ID, LPG booking, Tax payment as well.

IQNEW

IEDC CELL CEV in collaboration with NSS UNIT CEV conducted an idea pitching contest "IQNEW" which was open for all students.

VOLUNTEER CALL

A volunteer cell was formed with interested students.

COGNITO-GENERAL AWARENESS SESSION

Its purpose is to inspire students to become independent engineers by exposing them to the world of Entrepreneurship through Innovation. TEAM FORMATION

From the passionate and innovative talent pool six teams were formed and after a thorough skill kept the best suited leaders were assigned to each.

COGNITO-QUIZ

The next event in connection with "COGNITO" conducted by IEDC was the Quiz Competition.

DESIGN TEAM CALL

From the engineers with an artistic sense we could develop a creative and enthusiastic team consist of both the fresher's and the veterans.

TETs - TECH TALK SERIES

It is a place where ex-IEDC members interact with the present students, share their experiences and also discuss about various innovative and creative ideas.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

9

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards**3.3.1 - Number of Ph.Ds registered per eligible teacher during the year****3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year**

0

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	No File Uploaded

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year**3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year**

17

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers

published in national/ international conference proceedings per teacher during the year**3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year**

3

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

Innovation and Entrepreneurship Development Cell (IEDC) is a flagship initiative of Kerala Start-up Mission.

We've designed an intuitive website and a comprehensive step by step guide on how to pay the bills of KSEB, LPG booking. We're about to accomplish PAN card registration utility, Voter ID, Tax payment (Nikuthi) as well.

IEDC CELL CEV in collaboration with NSS UNIT CEV conducted an idea pitching contest "IQNEW" which was open for all students. The best 15 ideas of the first round were qualified to the next level.

Passing on to the new academic year we had to make sure that we chose the very best to steer the Development Cell in the future.

The most interesting events in connection with "COGNITO" conducted by IEDC were the General Awareness Session on IEDC with a purpose of inspiring students to become independent engineers by exposing them to the world of Entrepreneurship through Innovation. The orientation session was handled by Dr. K. Sunil Kumar, Coordinator of the IEDC, College of Engineering Trivandrum.

The next event in connection with "COGNITO" conducted by IEDC was the Quiz Competition.

The Tech talk series is the icing on the cake for a long run which will be taking place in every month.

New Execom were formed with highly capable and efficient team members. Each member is assigned with their duties and responsibilities and the positions were handed over to them in an official meeting.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

0

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	No File Uploaded
e-copy of the award letters	No File Uploaded

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

13

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

575

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

NIL

File Description	Documents
e-copies of related Document	No File Uploaded
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	No File Uploaded

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

4

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	No File Uploaded
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

The College campus covers a total of 27 acres of land. It consists of an administrative building, four department buildings, five workshop buildings, a canteen, and a substation. The college has seven academic departments with well-equipped classrooms, laboratories, a language lab, department libraries, a central library, and computer labs with internet access, a photocopying centre, and four well-equipped seminar halls with audio and video aids for online classes and talks.

Class rooms, Tutorial rooms and Seminar Halls:

There are 27 class rooms, 4 tutorial rooms, 2 drawing halls, and 4 seminar halls. The UG classrooms can accommodate 60-70 students in total. All classrooms have LCD projectors mounted on the ceiling, a lecture stand, an uninterrupted power supply, and wooden tables and benches. Smart Digital boards were installed in ten classrooms. 30-35 students can be accommodated in a tutorial room. The Smart Digital board, ceiling mount LCD projector, Lecture Stand, Uninterrupted Power Supply, and Public Address system were all included in the 4 air-conditioned seminar halls. The Conference hall in the administrative block is ideal for meetings

of up to 30 people. This makes use of cutting-edge audio-visual, videoconferencing, and distance-learning technology for a variety of purposes.

Laboratories:

In the institution, there are a total of 59 well-equipped laboratories.

Central Computing Facility:

The air-conditioned Central Computing Facility, which is located on the first floor of the administrative building, has 50 internet terminals. Dedicated OFC cable provides Internet at a speed of 100 mbps. Around 500 computers are in use in various departments, all of which have access to the internet.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

College of Engineering Vadakara provides sufficient resources for students' total growth in academics, cultural activities, yoga, and sports

To facilitate overall development of students both in academic and extra-curricular, college offers ample facilities like

- Volley ball court
- Basketball court
- Shuttle badminton court
- Football/cricket ground
- Indoor games such as table tennis, caroms, chess etc..

Staff and students can use the courts to play indoor and outdoor games. Students are allowed to play in the evenings despite the fact that there is no recreation facility available during academic hours. Sports items are available in college.

The college lacks amenities such as a gymnasium and a swimming

pool. The master plan includes all amenities, which will be built in the near future.

Three large halls at the campus are used for a range of cultural programmes.

CEV organises a variety of cultural activities such as a youth festival, NSS day, Women's day, Fresher day, Talent search, Dance competition, and other similar events to explore students' talented creativity. Quasso Liberum is the College of Engineering Vadakara's annual techno-cultural festival. This event is organised by students, who also organise numerous other social projects and outreach events throughout the year. An annual sports meet was also held at the college.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

28

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

98.38

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

The library is fully automated with integrated library management system (ILMS). KOHA open software is used to fully automate the library.

Name of ILMS software: KOHA Nature of automation (fully or partially): Fully Version: 3.10 Year of Automation: 2012

- Total area of the library (in Sq.Mts.) : 770 sq. m
- Total seating capacity : 100
- Working hours : 8.30 A.M to 5.30 P.M on all working days.

The Central Library has 24188 library volumes worth Rs.58,33,907/- in its collection. A reference collection of 2953 volumes is available in the library. There are 419 E-books in all, with a total cost of Rs.9,28,692/-. We have a digital NPTEL database. There are 2500 CDs in the library. Last year's library budget was Rs.7,03800/-.

The three major parts of the library are the General Library, Digital Library and Reference Section. Each department has departmental library in their respective blocks. Wi-Fi and a fully computerised facility are available to help students.

The sections are as follows:

Ground floor: Luggage Counter, New Arrival Alert Area, OPAC desk, Reprographic Centre, Circulation Desk and Audio Resources collection Issue Desk and Main Stack

First Floor: Digital Library, Online Information Centre, Journals and periodical Section,

Second Floor: Reference section and Reading space.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	Nil

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

C. Any 2 of the above

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

7.04

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

50

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

The IT infrastructure of College of Engineering Vadakara includes computers, servers, software, and internet connection. Each department and the college's Central Computing Facility have computer facilities. There are 500 computers and 20 computer laboratories at the institution. Many licensed software are being utilized for specific applications. The labs are all air conditioned and have a power backup. All departments have internet connectivity via various access points. The institution has access to a 100 mbps National Knowledge Network (NKN) connection. Wi-Fi is offered across the campus via 25 access points. The college provides adequate computer and internet resources for faculty and students.

We had a well-defined method for evaluating and replacing computer systems on a regular basis. IT committee meets annually for assessing the requirement raised by various departments for subsequent academic year with regard to upgrade and purchase of existing/ new computing facility and services. The requirements for subsequent year will be sent to purchase committee for approval. The finance committee prepares budget based on the requirement approved by purchase committee and send to Management for approval. IT infrastructure can be upgraded with the permission from Management. After getting the consent, purchase committee provide sanction to purchase or upgrade the facility and procedure for purchase is initiated. Tenders are placed online on institution website. Following all the terms and conditions of tendering, the committee finalizes the tender and recommends placing the purchase order. This procedure is followed for the purchase of computers, software and other equipment.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.3.2 - Number of Computers

511

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

6.4

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

A team headed by Principal comprising HODs of different departments oversees the maintenance of the buildings, classrooms, sports facilities and laboratories.

Major civil construction and maintenance works are getting done through contractors under the supervision of Assistant Engineer and an overseer .

Required regular maintenance is reported to Principal through HOD which is recorded in maintenance register and carried out with help of overseer and electrician and labors are hired from outside if required.

For house keeping and cleaning of college buildings 7 cleaning staff are working under the guidance of office superintendent . Physical and academic support facilities are cleaned and maintained regularly by the staff assigned for each floor. And also a campus monitoring committee is constituted to ensure hygiene and cleanliness of the campus.

One gardener is in charge of maintenance garden and trees planted in the campus.

Campus security is maintained by an external agency.

Maintenance of academic facility

HODs are assigned the charge of class rooms of their department .

For maintenance of IT infrastructure in the college we have own staff such as 1 hardware instructor and 5 trade instructor.

Maintenance -Other facility

Reverse osmosis (RO) water purifiers are fitted in each block and workshops to provide clean drinking water which are maintained through AMC. And also Electric generator, AC ,UPS and batteries are regularly maintained by Electrician. For the maintenance college vehicles 7 drivers are working under College bus Committee .Two canteens are maintained by external agency under regular supervision of College canteen committee.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
STUDENT SUPPORT AND PROGRESSION	
5.1 - Student Support	
5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year	
5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year	
340	
File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File
5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year	
5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year	
15	
File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	A. All of the above								
<table border="1"> <thead> <tr> <th data-bbox="86 441 539 506">File Description</th> <th data-bbox="539 441 1445 506">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="86 506 539 613">Link to Institutional website</td> <td data-bbox="539 506 1445 613" style="text-align: center;">Nil</td> </tr> <tr> <td data-bbox="86 613 539 678">Any additional information</td> <td data-bbox="539 613 1445 678" style="text-align: center;">No File Uploaded</td> </tr> <tr> <td data-bbox="86 678 539 824">Details of capability building and skills enhancement initiatives (Data Template)</td> <td data-bbox="539 678 1445 824" style="text-align: center;">View File</td> </tr> </tbody> </table>	File Description	Documents	Link to Institutional website	Nil	Any additional information	No File Uploaded	Details of capability building and skills enhancement initiatives (Data Template)	View File	
File Description	Documents								
Link to Institutional website	Nil								
Any additional information	No File Uploaded								
Details of capability building and skills enhancement initiatives (Data Template)	View File								
5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year									
190									
5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year									
190									
<table border="1"> <thead> <tr> <th data-bbox="86 1207 539 1272">File Description</th> <th data-bbox="539 1207 1445 1272">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="86 1272 539 1337">Any additional information</td> <td data-bbox="539 1272 1445 1337" style="text-align: center;">No File Uploaded</td> </tr> <tr> <td data-bbox="86 1337 539 1559">Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)</td> <td data-bbox="539 1337 1445 1559" style="text-align: center;">View File</td> </tr> </tbody> </table>	File Description	Documents	Any additional information	No File Uploaded	Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File			
File Description	Documents								
Any additional information	No File Uploaded								
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File								
5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	A. All of the above								

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

36

File Description	Documents
Self-attested list of students placed	No File Uploaded
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

6

File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
Any additional information	No File Uploaded
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

3

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

0

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	No File Uploaded

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

All students related activities are carried out by the leadership of the college union, advised and facilitated by the staff advisor. All important decisions are taken in the combined meeting

of the union executive members, class representatives and association secretaries which are convened regularly. College election was not conducted during 2020-21 academic year due to covid restrictions. Even though the college union was not officially elected, the class representatives and various units like NSS, Women cell, Dept Associations organised many programs jointly via online platforms

NSS organised Intercollegiate event "WordEra 2021" as a part of reading week celebration from 18.06.2021 to 23.06.2021 . Various online competition such as book review, story writing, elocution, poem writing, news reporting competition, essay writing, letter writing competition ...etc were conducted. College union in association with women cell conducted various programs like pencil and digital drawing competition , virtual mothers celebration and a talk with Sruthi Sithara miss trans global India.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

0

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions) (Data Template)	No File Uploaded

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

COLLEGE OF ENGINEERING VADAKARA ALUMNI ASSOCIATION has been functioning from April 2004 onwards and plays a pivotal role in the development of the college. The objective of the association is to bring the old students of College of Engineering Vadakara under one forum for exchange of experience, dissemination of knowledge and talents amongst its members and also for the furtherance of fellowship, advancement of scientific knowledge in general of the members of the Association and country.

The main activities of the alumni association are as follows

- a) The alumni association used to felicitate the meritorious students with mementos and cash awards for encouraging them.
 b) Students with good academics and poor financial backgrounds are awarded alumni scholarships.
 c) The association supported financially backward students and those affected by financial crises due to natural calamities such as floods by giving them total tuition fees.
 d) Constructed Two Wheeler Parking Shed exclusively for students which can accommodate 50 two wheelers
 e) A basket ball court had been constructed by Alumni.
 f) Alumni installed a napkin vending machine was installed in the college.
 g) Donations
 h) Dakshina Project To promote the society, the alumni association contributed an amount of Rs 3.75 lakhs for constructing a house for a financially backward family.
 i) Expert talks for students: Two expert talks are conducted per month.
 j) Conducted Batch-wise Alumni Meet
 k) Construction of open-air stage and playground Construction of an open-air stage and playground is the major on going project of alumni association .

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)

C. 3 Lakhs - 4Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT**6.1 - Institutional Vision and Leadership**

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

College of Engineering Vadakara (CEV) was established by Govt. of Kerala in the year 1999 with a broad vision of assisting the Government to impart quality education to the meritorious and economically backward students in the state without much financial burden. CEV is committed to both the Government of India's and Government of Kerala's policy of uplifting the weaker sections of the society by imparting professional education to the students. The institution strives to impart a quality education that will enable the students to face the challenges of the rapidly changing society and groom them into empowered, technically competent and socially responsible members of the society. Towards this objective, job-oriented trainings, workshops, seminars and conferences conducted to improve the employability of students by making them skilled, self-reliant and globally competent.

Moral values of responsibility, leadership and social empathy are inculcated among the students through various social outreach programmes conducted by the Department associations, NSS and Women's Forum. The imparting of innovative teaching-learning process is supported by the provision of state-of-the-art technology. The teaching faculty actively plays a lead role in various committees, clubs and in the organization of various activities and also in the Governing Body of the institution.

File Description	Documents
Paste link for additional information	https://www.cev.ac.in/en/overview/about-the-institution.html
Upload any additional information	View File

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

College of Engineering Vadakara has various academic and administrative committees to plan, implement and monitor the smooth functioning of the Institute.

BoG of the institute comprises of Eminent Educationists, Government Officials, University Representatives, Industry Experts, Director , Principal and other Faculty members. They are responsible for planning and policy development, institutional budget, academic and research growth of the institute and other extension activities.

The decision making and monitoring of the day to day activities of the institution is done by the College Development Council (CDC) which is constituted by Principal, HoDs, and senior faculty members. Periodical meetings of the CDC and frequent interactions with the Staff members and Students' Union ensure the organization's management system development, implementation and continuous improvement.

The Principal directs HoDs to prepare the annual departmental budget. Further, HoDs prepare a report and submits to the Principal for approval. The Principal consolidates requirements of all the departments and forwards it to CAPE for final approval.

Anti-Ragging, Grievance Redressal Cell and Discipline Committee, Counselling & Guidance cell, III Cell, IQAC etc. take care of healthy, enjoyable and disciplined culture in the campus and also regulates the day-to-day academic functioning of the Institute.

File Description	Documents
Paste link for additional information	https://www.cev.ac.in/en/mandatory-bodies-cells.html
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The college is regularly monitoring its own activities in every way to keep in tune with its vision. Every new development in academics or infrastructure is to support the mission and for the benefit of the students. With the primary aim being a world class institute, the college is well in touch with the trends and latest technological advancements. Following major areas are covered in the strategic plan :

1. Academic expansion
2. Research & Development

3. Co-curricular activities
4. Industry interface placement activity
5. Incubation / startup

Academic expansion : Industry 4.0 demands smart systems integrated with intelligence to have a better human-machine interface. In tune with the new industrial demand we have launched a three year diploma programme in "Automation and Robotics " in the year of 2021 with an intake of 60 students.

Research & Development :

College of Engineering Vadakara has organized a National Conference on Advances in Computing Communication Signals Energy and Technology, ACCSET'21, on 26th and 27th of May 2021.

Hostel/Infrastructure :The college has constructed a ladies hostel inside the campus which was inaugurated on 3rd October 2020. It has a capacity to accommodate more than 150 students.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The institution has various administrative and academic bodies for smooth execution of academic and administrative activities in all departments and levels. Appointment and service rules of the institution is guided by The CAPE Service Rule, The Kerala State and Subordinate Service Rules 1958 and AICTE regulations on pay scales, service conditions and minimum qualifications for the appointment of teachers and other academic staff.

GOVERNING BODY

BoG of the institute comprises of Eminent Educationists, Government Officials, University Representatives, Industry Experts, Director , Principal and other Faculty members. They are responsible for planning and policy development, institutional

budget, academic and research growth of the institute and other extension activities.

COLLEGE DEVELOPMENT COUNCIL (CDC)

The decision making and monitoring of the day to day activities of the institution is done by CDC which is constituted by Principal, HoDs, and senior faculty members. Periodical meetings of the CDC and frequent interactions with the Staff members and Students' Union ensure the organization's management system development, implementation and continuous improvement.

ADMINISTRATION

The Principal and the CDC form the nucleus of the administration with the former being the final authority in all financial matters and also vested with the day to day running of the college. The Principal along with the IQAC Coordinator, Departmental Heads as well as Convenors of various Committees coordinate and mobilize the entire work process of the college.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	https://www.cev.ac.in/en/administration/organizational-structure.html
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user inter faces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

The institution has effective welfare measures for teaching and non-teaching staff

- Employees' State Insurance Scheme for low income group
- Employees' Provident Fund & Employees' Pension Scheme (EPS)
- Promotion for all categories of staff
- Gratuity
- Group Insurance Scheme (GIS)
- Kerala State Life Insurance Scheme (SLI)
- Group Personal Accident Insurance Scheme (GPAIS)
- Quality Improvement Programme
- Special Study leave to purpose higher studies.
- Sabbatical leave (OD) for attending examination, FDP, National/International conference.
- Registration fee reimbursement for FDP/ conferences.
- Transportation facility
- Maternity leave for 6 months with salary for lady teaching, non-teaching staff members.
- Casual Leave, Half pay Leave
- Earned Leave and its encashment
- Yearly 2 months of vacation leave is given to faculty members and technical staff

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

9

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

5

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

25

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

There is a well-established performance appraisal system for all the staff members. The Principal monitors and evaluates the performance of all its staff and communicates the areas of improvement or the overall performance annually. The students at the end of each semester provide an online feedback about the performance of all the teachers subject wise. All these are scrutinized and assessed by the Principal. The Principal further communicates the outcome with the staff members in a completely confidential manner. The annual increment for faculty is sanctioned based on the performance appraisal report whereas the same is sanctioned for technical staff based on a self-appraisal report.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Internal audits are conducted at the end of each financial year. Internal audit is carried out by the competent officials from the

CAPE head office. External auditors (Chartered accountants) audit all the financial transactions every financial year as per the direction from Head office.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	No File Uploaded

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

College of Engineering Vadakara has a well-defined financial policy which ensures optimal utilization of finances for academic, administrative and research activities. The institute is being run with self sufficient funds generated from tuition fee, Government aids, Cooprative Education Fund and other miscellaneous incomes. In case of shortage of funds, the department of cooperation/ Government supports by providing the finance.

For activities such as expansion and renovation of building, the Government always supports by providing required finance. Financial planning is done at the beginning of the academic year well in advance with efficient budgeting involving all the Heads of Academic Departments and Administrative Sections.

The CAPE management reviews all the financial activities through scrutiny of budgets and expenses. Through centralized purchase the

funds are monitored and utilized in an effective manner.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Academic Calendar preparation:

IQAC prepare academic calendar well in advance before the commencement of each semester inline with Kerala Technological University Academic Calendar. The Academic Calendar was prepared by scheduling important events like Class commencement, Class end date, class committee meetings, PTA meetings, internal examinations, Laboratory examinations, internal Audit, sports meet..etc.

Academic Audit:

The college conducts internal academic audit of each department every semester through IQAC to increase and maintain the quality of education. An Academic Audit Committee is constituted for this purpose. The report of the committee was submitted to principal through IQAC. Due to implementation of such academic audit, it is found out that all departments have been constantly improving their curricular, co-curricular and extra curricular performances.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The IQAC continuously reviews and takes steps to improve the quality of the teaching-learning process.

The institution follows the academic calendar which is released by the Kerala Technological University. This calendar will help the students, parents and teachers to plan for their academic year. Each department in the college functions according to the course plan prepared at the department level. The workload is distributed to each and every faculty member by the head of the department. The faculty members follow a course plan which consists of the details regarding institutional objectives to be achieved, details of contents to be covered, the types of teaching aids and the logistics to be used inside the class room. IQAC provides the development and application of quality benchmarks/parameters for the various academic activities of the institution. It also imparts knowledge through team work and persistent efforts.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Gender equality is one of the key challenges facing society today. The institute conducts regular gender equity promotion programs. Guest speakers from prominent field are invited to speak on the given topic which highlights the importance and contribution of women in the society.

CEV has a strong ethical work culture that is based on inclusivity. It observes highest ethical standards in all its activities. Equal opportunities are provided to all individuals irrespective of gender , race ,caste,colour , belief, language, religion, political opinion, national or social origin , property , birth or other status. Its unique work culture , healthy traditions and character have led to enrolment of above 50% women students and above 50% women staff. Safety, security and well-being, along with gender equity and friendly working atmosphere are the issues of prime concern to College of Engineering Vadakara.

Programs conducted in 2020-21 are:

1.Talk on "Gender awareness" by Mr.Muhammad Afsal,District Coordinator, Childline in online platform on 6/11/21 . All students in our college participated in the program.

2.Talk on "Gender awareness" by Smt.Afeefa M S,Department of Women and Child development, Kerala on 24/11/21 in online platform . The program is conducted for first year students .

File Description	Documents
Annual gender sensitization action plan	Nil
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://www.cev.ac.in/en/wp-content/uploads/2021/12/7.1.1-Specific-Facilities-for-women.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy

A. 4 or All of the above

Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

It is noteworthy that, in College of Engineering Vatakara, Waste has been collected systematically and processed separately, without getting any harm to the environmental issues. Throughout our Campus, the grided waste bins have been installed to deposit the waste. One bin is purely for the plastic bottles and other plastic waste and the other bin is for paper, cloth and such waste. A Plastic bottle booth is also installed. The plastic waste is collected and when informed the Haritha Karma Sena, a Voluntary unit under Maniyur Grama Panchayath, comes here and removes everything to their Collection Centres. The waste in the other baskets, is collected by the Janitors, in the College and processed systematically. Separate Waste Bins are installed in all the five blocks. The red bin is purely for plastic waste. Green bin is for bio waste and the orange bin is for miscellaneous wastes. The Bio waste has been collected from the blocks and deposited in the Bio-gas plant near the Canteen. One Stove is functioned using this bio-gas. There are two Food Compost installed near the Co-operative Store and it is used to produce manure. This is used for the healthier growth of plants and trees here.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction

C. Any 2 of the above

of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	
File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded
7.1.5 - Green campus initiatives include	
7.1.5.1 - The institutional initiatives for greening the campus are as follows: <ol style="list-style-type: none"> 1. Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping 	B. Any 3 of the above
File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded
7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution	
7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	C. Any 2 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	View File
Any other relevant information	No File Uploaded

<p>7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment</p> <p>5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading</p>	A. Any 4 or all of the above
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File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

College of Engineering Vatakara takes maximum efforts to provide Tolerance and Harmony towards Cultural, Regional, Linguistic and Communal Socio-Economic activities. On the banner of many cultural and Academic Clubs, Students groups and voluntary associations like National Service Scheme, Film Club, Natural Club, IEEE and

such Peer group Teams, we could make many concepts in to practicality.

National Service Scheme (N.S.S.) could visualise and conduct variety of programmes (both Online and Offline) based on these goals. On March 8, in connection with International Women's Day, many girls donated their Hair to be used for the Cancer patients. Apart from this, many students, boys and girls and even Staff members, volunteered themselves to do donate their blood. The Blood Donation Camp was conducted with the collaboration of Kerala Blood Doners Association, Vatakara Unit (Kozhikode District) and Thalesserly Govt. Hospital Blood Bank.

In connection with the after-Flood Re-building activities, many students, both boys and girls participated in variety of programmes conducted by the District Rehabilitation Centre, District N.S.S Technical Cell, Maniyur and Cheruvannur Panchayath. Our volunteers participated in arranging Food Kits for the needy in Kozhikode District, making a Survey Report connected with flood affected area.

Apart from these, E waste management programmes, L.E.D bulb production work shop for the local people were conducted

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	No File Uploaded

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

CEV takes pride in the fact that apart from preparing a sound academic foundation the college constantly works upon to develop the students as better citizens by giving holistic all round education to them and sensitizing them on our constitutional rights, values, duties and responsibilities.

Many of the subjects offered like Constitution of India, Professional Ethics have topics which sensitize the students about the constitutional obligations, enable students to create awareness on human values and understand their role and responsibility in technological development by keeping personal

ethics and legal ethics.

The objective of the course Sustainable Engineering is to inculcate in students an awareness of environmental issues and global initiatives towards attaining sustainability. Industrial Psychology and Organizational behaviour enables them to learn about theories of motivation and group behaviour and to understand the socio cultural aspects in organizations.

In addition to this many seminars and workshops are conducted on days of national importance on various rights, duties and responsibilities of citizens.

NSS unit of CEV conducts a cleanliness drive to mark the occasion of Swachh Bharat Abhiyan in the college campus as well as in the nearby village area. An oath is taken by all students and faculties to keep their surroundings clean

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	Nil
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

B. Any 3 of the above

File Description	Documents
Code of ethics policy document	No File Uploaded
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	No File Uploaded

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Institution celebratesn many national as well as international days and commemorative events and festivals.All national festivals are celebrated with great enthusiasm to inculcate a sense of patriotism in the students.Every year students come together and perform cultural programs.

Republic day is celebrated every year in the college with great enthusiasm and pride.Independence Day is also celebrated in the college with great enthusiasm. Women's day is celebrated on International Women's day i.e. March 8 to show respect towards women in all the efforts taken by them to manage the personal and professional life and for their contributions.World environment day and International Yoga day are also celebrated and a yoga video competition 'PRANAH' was conducted on behalf of Yoga Day.College celebrated international Mensrual Hygene day.In conjunction with Reading Day CEV NSS Unit has conducted virtual reading events along with various exciting competitions from 19th June to 23rd June 2021 named 'WordEra2.0'. College also conducted Gandhi Jayanthi celebration. College celebrated Teachers day, Engineers day. College celebrated world photographic day by conducting a photography competition 'FLASH'.Also theInstitute takes special efforts to promote technical culture by organising activities under various professional communities like IEEE.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Best Practice 1 : NPTEL Online Courses

Objectives :

- To capacitate faculty members to adorn the role of mentors for some NPTEL courses-
- To impart sound technical knowledge into principal stakeholders of Institute i.e. students and faculty-
- To inculcate the ability of self-learning in students-
- To groom students with innovative trends in the field of engineering-
- To enable faculty gain advanced technological and subject knowledge through video lectures prepared by IITs and IISc and IIMs-
- To help students in preparing competitive exams like GATE-

The Context :

NPTEL offers free open Online Courses along with Certification in various Engineering disciplines, Sciences, Humanities, Management and Research which provide relevant exposure to Tools and Technologies. In order to gain in-depth knowledge and mastery learning of various components of the curriculum, the Faculty can opt for courses from the same or interdisciplinary courses. In the light of everchanging world of knowledge and technology unless Faculty members update themselves they become out dated.

Teacher as a facilitator should also guide the students in online learning programmes. The modular structure of these courses is learner friendly and enables participants to move smoothly along

the spiral of learning. Engineering students face challenge of proving their technical competencies. As the competition for job is becoming more intense, students have to gain technical expertise in specific areas. Industry demands ready to use resources means they demand students from Institute who can start project assignments without undergoing any training.

To bridge the gap between the Industry demands and university curriculum, Institute should invest time in students to make them technically compatible and employable. NPTEL online courses strive to provide excellent technical knowledge through video lectures of IIT Professors.

The Practice :

NPTEL announces the commencement of different Online courses every Semester. Institute has formed local chapter of NPTEL. The Faculty members and students were briefed about the NPTEL Courses and motivated to enrol for the courses. Special Point of Contact (SPOC) performs following activities:

1. Registration of candidates to course.
2. Communicating the schedule of course and online examination to candidates.
3. Getting sanctions on concessions for online certification.
4. Communicating result and dispatching certificates to candidates

Evidence of Success :

Candidates get benefited from NPTEL online course by means of strengthening their basic fundamentals of particular topics from different subjects, scoring good in GATE exam. Candidates solve assignments and quiz independently referring video lectures indicates improved pace of self-learning. Students gained confidence in facing technical interviews.

Problems Encountered:

In order to reserve time for this activity in busy schedule, students and faculty have to take extra efforts.

Best Practice 2 : Walk with the Scholars

Walk with the Scholars is a lecture series, where our successful alumni exhibit their technical expertise, experience, confidence and get connected to their juniors which explores relevant topics, that prompts the participants to ponder deep, thereby igniting critical as well as creative thinking.

Objectives :

- To bridge the gap between industry requirements and curriculum
- Make students confident in their respective domain by the interaction
- Introduce new trends in engineering
- Igniting critical as well as creative thinking

The Context :

As an engineering college, it is our first priority to ensure our students meet the requirement of the industry as well as needs of the society. Good academic skills may not be the definition of good engineer, it is a vital part of engineering student to have an overview over his/her stream apart from curriculum. Students need to be updated in the swiftly changing engineering world and be confident in themselves to present their thoughts. As TEQIP-II institution we got immense opportunity to conduct lots of industry-student interaction programmes. After the TEQIP-II funding is completed, the college council decided to maintain the same pace in organising events using the resources of the college. It got great support from everybody in the college including PTA, Alumni etc.

The Practice :

The lecture series is conducted in every month by college Alumni. Since we have prestigious Alumni around the globe, the lectures are delivered by them. For Walk with the Scholar, college first constituted a body with the Principal as Chairman and Alumni association secretary as convener to decide the curriculum and resource person. Adheres to the guidelines of statutory body of Walk with the Scholar tutors are directed to find out 10 students from each B.Tech/MCA batch as beneficiaries.

Evidence of Success :

It is observed that students opting BTech Minor degree got an increase in these years and stimulated placement activity as well.

In the academic year 2021-22 out of 220 BTech third semester students 91 students registered for Robotics and Automation and Machine learning.

Problems Encountered:

College first decided to conduct Walk with Scholars in conventional method, but due to Covid-19 pandemic situation we have to make all programs in online mode, which was easier to avail resource persons around the world to Walk with Scholars.

File Description	Documents
Best practices in the Institutional website	https://www.cev.ac.in/en/wp-content/uploads/2022/03/7.2-Best-Practices-New.pdf
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

The Nature Club in our College discloses many varied programmes in our college campus to beautify the campus. At the same time it creates a positive spirit in the minds of our students for the necessity of Green campus as well as the necessity of planting vegetables and fruit trees. And the overall activities done and planning to do definitely creates the concept of sustaining the environmental ethics. With this concept, to motivate all the Teaching and non teaching staffs as well as the students, the Nature Club planned the concepts of 'A Staff, A Tree' programme. Since many programmes had been conducted in connection with the World Environment Day Celebration, we could very easily practice this programme. As planned a staff member contributed Rs. 500/ per head and a fruit tree was planted in the campus, with well protected grilled covering. To motivate the others, and the next generation, the name of the staff was displayed on the galvanized iron grill. Really we thought of planting such 50 trees. But the output and encouragement was so tantalizing that now there are 60 such plants growing in our campus. The sweepers are given the charge to water and manure the plants. And still it continues.

File Description	Documents
Appropriate web in the Institutional website	No File Uploaded
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

During the Covid 19 season, we could not do much works. But after that when the college started functioning in full swing, we reorganized the Nature Club committee and continued working. The first project is to prepare a dream garden with seating arrangements in between the MCA and EC Dept. Blocks. The Sketch of the garden, preliminary preparation etc. are done. Apart from this following the One Staff One Tree project, we started another project with full participation of the students in all the departments. That is, collecting only Rs. 100/ per head, we are going to make our campus a Dream Land, with variety of plants, gardens and Orchards. The preliminary works connected with this has been started. And within two months, that is at the beginning of June itself, we can make it in the expected level. At the same time some of the projects of the Maniyur Grama Panchayath is also to be implemented here.