



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		COLLEGE OF ENGINEERING, VADAKARA
Name of the head of the Institution		Dr.C. Sreekanth
Designation		Principal (in-charge)
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		04962527225
Mobile no.		9994174075
Registered Email		principal@cev.ac.in
Alternate Email		citvcape@gmail.com
Address		Kurunthodi, Mandarathur Post, Vadakara,
City/Town		Vadakara
State/UT		Kerala
Pincode		673105
<b>2. Institutional Status</b>		

Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Rural
Financial Status	state
Name of the IQAC co-ordinator/Director	Ragi R G
Phone no/Alternate Phone no.	04962527225
Mobile no.	9747054045
Registered Email	principal@cev.ac.in
Alternate Email	citvcape@gmail.com

### 3. Website Address

Web-link of the AQAR: (Previous Academic Year)	<a href="https://www.cev.ac.in/en/wp-content/uploads/2019/12/AQAR-2018-KLCOGN27027.pdf">https://www.cev.ac.in/en/wp-content/uploads/2019/12/AQAR-2018-KLCOGN27027.pdf</a>
<b>4. Whether Academic Calendar prepared during the year</b>	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="https://www.cev.ac.in/en/wp-content/uploads/2019/12/Academic-Calendar-July-2019-June-2020.pdf">https://www.cev.ac.in/en/wp-content/uploads/2019/12/Academic-Calendar-July-2019-June-2020.pdf</a>

### 5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
1	B+	2.54	2017	27-Nov-2017	26-Nov-2022

### 6. Date of Establishment of IQAC

11-Nov-2014

### 7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Workshop on Exam reforms for OBE	16-Jan-2019 1	50
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**8. Provide the list of Special Status conferred by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Computer Science and Engineering	PMKVY	Central Government	2018 180	150000
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**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

Upload latest notification of formation of IQAC

[View File](#)

**10. Number of IQAC meetings held during the year :**

5

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

**11. Whether IQAC received funding from any of the funding agency to support its activities during the year?**

No

**12. Significant contributions made by IQAC during the current year(maximum five bullets)**

1. Academic Calendar preparation for the year 2019\_20 2.Organised one day workshop on OBE based Exam Reforms for faculty members 3. Centralised student project evaluation through RD cell 4. Conducted Poster Presentation contest for final year students through RD cell 5. Carried out the Internal Academic Audits 6. Prepared Institution Annual Report 2018.

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**13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year**

Plan of Action	Achievements/Outcomes
IQAC has listed out all academic events and formed 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.
Internal Academic Audits are charted well in advance	Internal Academic Audits were carried out as per the plan. Undergone the

	External Academic Audits very smoothly and successfully.				
Co-curricular and Extra curricular activities for students are planned well in advance.	Co-curricular and Extra curricular activities were conducted as per the plan and the students are benefited .				
List of Lab equipments to be serviced are charted out on need based.	Service of lab equipments were done as per the schedule. Students Lab sessions were completed smoothly.				
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<b>14. Whether AQAR was placed before statutory body ?</b>	Yes				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Name of Statutory Body</th> <th style="width: 50%;">Meeting Date</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Board of Governors</td> <td style="text-align: center;">20-Mar-2019</td> </tr> </tbody> </table>		Name of Statutory Body	Meeting Date	Board of Governors	20-Mar-2019
Name of Statutory Body	Meeting Date				
Board of Governors	20-Mar-2019				
<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	Yes				
Date of Visit	01-Nov-2017				
<b>16. Whether institutional data submitted to AISHE:</b>	Yes				
Year of Submission	2019				
Date of Submission	06-Feb-2019				
<b>17. Does the Institution have Management Information System ?</b>	Yes				
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<ul style="list-style-type: none"> <li>• Campus Management Software (CMS) enables monitoring of all academic activities of the institute. Campus Management System (CMS) software supports faculty in academic planning, teaching learning organization and scheduling evaluation. Attendance, course plans and daily covered portions are entered in the CMS. The CMS provide the status of student's attendance and progress in teaching and is accessible to students, staff and parents. The completed modules are</li> <li>• Students Attendance - Daily, Weekly, Monthly and consolidated reports</li> <li>• Faculty Lesson Plan and Notes of lesson</li> <li>• Faculty Profile : Basic and Additional</li> <li>• Hostel Attendance</li> <li>• Course entry, Subject allocation and Time table</li> <li>• Students</li> </ul>				

Profile • Institution test : Result Analysis and Comparative Analysis • University Result Analysis • Online Feedback • COPO Attainment • Department event details entry • Auto mail generation • SMS • Students' Progress report generation • Online Exam

## Part B

### **CRITERION I – CURRICULAR ASPECTS**

#### **1.1 – Curriculum Planning and Implementation**

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Institution has the mechanism for well-planned curriculum delivery and implementation thorough the following measures: 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. Department activities are planned and executed accordingly. Subject allocation and Timetable preparation are completed minimum three weeks prior to the commencement of each semester classes. Faculty prepares a detailed lesson plan including topics covered, hours allotted, tutorial classes planned, assignments to be given and special classes planed. Lesson plans, study materials, lab manuals and question banks prepared by the faculty are uploaded in the campus management software before the commencement of classes. Monitoring and effectiveness of curriculum planning, delivery and documentation are done through class committee meetings, online teacher evaluation by student, internal and external academic audits, class PTA meetings and feedback from parents and alumni. Each class has a faculty advisor to monitor the conduct of classes and student performance. Institution has an effective mentoring system in which 20 students are being mentored by each faculty to motivate and support them in their academic activities. Remedial classes are arranged for academically weak students immediately after the first internal evaluation. Bridge courses and orientation classes are given for first year students. Orientation classes are also 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 avail in CMS. Department level scrutinizing committee is constituted to scrutinize series exam question papers. Availability of text books and reference books for all courses are ensured before the commencement of classes. NPTEL video lectures and e-journals are made available through the digital library and campus network. Curriculum Implementation Class committee meetings: Class committee meetings are organized twice per semester to get student feedback on curriculum implementation and coverage. Class PTA meeting: One class PTA meeting is arranged in each semester to interact with parents. Progress reports are given to parents and feed backs are collected from them. Assignments and tutorials: Minimum three assignments are given for each courses to improve application and problem solving skill of students. Weekly one period tutorials are given for courses prescribed by university, one faculty is assigned to twenty students to improve effectiveness and concept. Series tests and model exam: Two series exams covering 2 modules per subject are conducted during a semester. A model exam covering entire syllabus is conducted at the end of each semester to make the student well prepared for university exams. Remedial classes: Remedial classes are arranged for slow learners, immediately after first series exam. Subject experts are

directed to handle remedial classes.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
PMKVY CCTV installation Technician		04/12/2018	120	EMPLOYABILITY Y	CCTV Installation
PMKVY Data Entry Operator		04/12/2019	140	Employability Y	Data Entry

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
No Data Entered/Not Applicable !!!		

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	40	0

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
No Data Entered/Not Applicable !!!		
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	IT	1
BTech	ECE	35
BTech	CE	10
MCA	MCA	21
BTech	CSE	35
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
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Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?  
(maximum 500 words)

#### Feedback Obtained

The institution collects the feedback on curriculum aspects and courses from different stakeholders such as the students, alumni, Faculty and Employers. Periodical analysis is made to compile the responses from the various stakeholders and discuss in BoG. Students feedback are collected for all courses during the mid and end of the Semester. During the midsemester, the staff advisors collect students feedback through online for theory class, labs etc. and evaluate the teaching methods for each course. HOD analyzes the report and discusses with the faculty who needs improvements.

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

#### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BTech	ECE	60	22	22
BTech	CE	60	38	38
BTech	CSE	60	47	47
BTech	EEE	60	25	25
BTech	IT	30	16	16
MCA	MCA	60	19	19
No file uploaded.				

### 2.2 – Catering to Student Diversity

#### 2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	163	80	65	8	0

### 2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
73	53	5	20	10	12

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

A group tutor is assigned for every 20 students for their academic and personal guidance. The students can approach the respective mentor for discussions any time, this helps the students to get over their difficulties during learning. The duty of the faculty is not only to maintain discipline but also to redress the grievances of the students through proper mentoring system. Counselors /advisors are assigned to each class or group of students in all departments in accordance with the guidance given by the HOD. Academic mentoring is done by the faculty. The main duty of this advisor or counselor is to carefully monitor the student activities like regularity of attendance, the performance of the students in internal and external tests and semester examinations. Students are advised with remedial classes which help to improve their caliber. The mentor acts as a true friend and guide to the students. Remedial Classes are arranged for slow learners which helps weak students to score better marks. In addition to this there is a strong mentoring system to boost the confidence of the slow learners. The faculty interacts with the students and parents. The students are directed to meet the external counselor if needed. Two trained faculty of the institute are acting as counselors. Apart from this an external counselor visits college twice in a week. The mentoring report is maintained and monitored by the HOD and the Principal.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
970	73	14

## 2.4 – Teacher Profile and Quality

### 2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
73	73	0	34	7

### 2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
<b>No Data Entered/Not Applicable !!!</b>			
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## 2.5 – Evaluation Process and Reforms

### 2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	1	1	26/11/2018	17/04/2019
BTech	1	2	14/05/2019	23/08/2019
BTech	1	3	28/11/2018	01/05/2019
BTech	1	4	14/05/2019	15/08/2019
BTech	1	5	25/11/2019	29/04/2019
BTech	1	6	14/05/2019	29/07/2019
BTech	1	7	20/11/2018	04/05/2019
BTech	1	8	14/05/2019	16/07/2019
MCA	2	1	05/01/2019	19/05/2019
MCA	2	2	10/06/2019	24/09/2019



MCA	2	3	07/01/2019	19/05/2019
MCA	2	4	27/06/2019	11/11/2019
MCA	2	5	08/01/2019	10/06/2019
MCA	2	6	25/06/2019	20/07/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Class tests are conducted in each module. The slow learners are identified and remedial classes are conducted. After completion of 1st internal assessment tests, parent teacher meetings are conducted. Viva voce exams are conducted during lab hours to assess practical skills of students. Tutorial classes are conducted weekly helps in understanding concepts clearer. Assignments are given regularly to assess problem solving skill of students. Model exams are conducted for all courses after completion of syllabus The students who secured less than 75 of attendance are asked to meet class tutor and HOD with their parents to take corrective action.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The College strictly follows an academic calendar. The calendar is made available before the beginning of every Semester, which helps the students, parents and teachers to plan their academic year. Each department functions according to the teaching plan and course plan prepared at the department level. The course work is distributed to every faculty member by the head of the department. The faculty members follow a lesson plan which consists of the details regarding institutional objectives and details of contents to be covered. The following activities are implemented according to the schedule of academic calendar. a) Class committee meetings. b) Internal assessments schedule. c) Syllabus coverage schedule. d) Project review schedule e) Academic audit.

**2.6 – Student Performance and Learning Outcomes**

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://www.cev.ac.in/en/>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
1	BTech	ECE	48	33	68.75
1	BTech	EIE	33	17	51.5
1	BTech	EEE	41	28	68.3
1	BTech	CSE	58	39	67.24
1	BTech	IT	32	23	71.88
1	BTech	CE	67	51	76.12
2	MCA	MCA	30	23	76.6
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## 2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<http://www.cev.ac.in/en/>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Students Research Projects (Other than compulsory by the University)	365	KSCSTE	30000	0
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### 3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
No Data Entered/Not Applicable !!!		

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
No Data Entered/Not Applicable !!!				
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NIL	NIL	ITSQ Automation	Android Application	17/10/2019
No file uploaded.					

### 3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
No Data Entered/Not Applicable !!!		

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
No Data Entered/Not Applicable !!!	

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
National	CE	1	0

No file uploaded.

3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
CSE	2
ECE	1
No file uploaded.	

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
A Review on Localization and Detection of Nodes in vANET	Varun Chand H	IJRTE	2019	1	AP IT, CE VADAKARA	0
A Novel Approach using LoRaWRP for Emergency Traffic Management	Varun Chand H	IJATCS	2019	1	AP IT, CE VADAKARA	0
Privacy preserving MACPABENMA C scheme in cloud for the Design and Implementation of Captcha	Varun Chand H	IJESRT	2019	0	AP IT, CE VADAKARA	0
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
No Data Entered/Not Applicable !!!						
No file uploaded.						

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Presented papers	5	4	0	0

Resource persons	1	1	1	0
No file uploaded.				

### 3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
No Data Entered/Not Applicable !!!			
<a href="#">View File</a>			

3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
No Data Entered/Not Applicable !!!			
No file uploaded.			

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
No Data Entered/Not Applicable !!!				
No file uploaded.				

### 3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
No Data Entered/Not Applicable !!!			
No file uploaded.			

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Internship	PCB Designing and Fabrication	Makonics Infinity Solutions Pvt Ltd. First Floor , vellappall ibuildings, E dayirickapuz ha P.O. Plac	13/07/2019	19/07/2019	16

		kalpady, Kangazha, Kottayam Kerala, 686541			
Internship	Ethical hacking and cyber security	Quovadis Robosoftech, TC 94/1150, MRA204, Moolavilakam, Vanchiyoor P.O, Thiruvananthapuram, 695035, Kerala	24/07/2019	31/07/2019	2
Internship	Design, Engineering, Operation and Maintenance of Solar Systems	Vatsaa Energy Pvt.Ltd.	01/07/2019	07/07/2019	2
Internship	Android Development	HEDONE   Web Development   Android Development YOGASALAROD, KANNUR OPP: JAWAHAR LIBRARY, Kannur, Kerala 670001	22/07/2019	26/07/2019	15
Internship	Ethical Hacking and cyber security	Quovadis Robosoftech, Trivandrum	24/07/2019	31/07/2019	23
Internship	Applied Artificial Intelligence	Fendra Solutions, Thenhipalam	24/07/2019	28/07/2019	4
Internship	Internship at Keltron	Keltron, Calicut	20/07/2019	28/12/2019	8
Internship	Ethical Hacking and Cyber Security	Quovadis Robosoftech, Trivandrum	24/07/2019	31/07/2019	1
Internship	Internship at ULCCS	ULCCS Ltd vatakara	22/07/2019	29/07/2019	4
Internship	Internship at PWD bridges section Thalassery	PWD bridges section Thalassery	25/07/2019	29/07/2019	4
Internship	Internship with	Worked with Abdul Smed	24/01/2019	29/01/2019	2

	architect	KM Regd Architect, Cochin			
Internship	Internship at Maxlore pvt ltd	Maxlore pvt ltd	14/01/2019	13/05/2019	2
Internship	Internship at UL Education (ULCCS)	UL Education (ULCCS)	14/01/2019	13/05/2019	1
Internship	Internship a FoxFennecs technologies llpt	FoxFennecs technologies llp	14/01/2019	13/05/2019	1
Internship	Internship at Actionfi Technologies Private Limited	Actionfi Technologies Private Limited	14/01/2019	13/05/2019	3
Internship	Internship at Third Eye Solutions	Third Eye Solutions	14/01/2019	13/05/2019	1
Internship	Internship at Jaisdo Solutions LLP	Jaisdo Solutions LLP	14/01/2019	13/05/2019	1
Internship	Internship at RibzGroup2	RibzGroup	14/01/2019	13/05/2019	2
Internship	Internship at Vinam Solutions Pvt Ltd	Vinam Solutions Pvt Ltd	14/01/2019	13/05/2019	1
Internship	Internship at Nucore Software Solutions (P) Ltd.	Nucore Software Solutions (P) Ltd.	14/01/2019	13/05/2019	2
Internship	Internship at Codesap Technologies	Codesap Technologies	14/01/2019	13/05/2019	1
Internship	Internship at Appmastery	Appmastery	14/01/2019	13/05/2019	1
Internship	Internship at Bassam Infotech	Bassam Infotech	14/01/2019	13/05/2019	3
Internship	Internship at Alison Informatics	Alison Informatics	14/01/2019	13/05/2019	1
Internship	Internship at Sesame Technologies	Sesame Technologies	14/01/2019	13/05/2019	1

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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
<b>No Data Entered/Not Applicable !!!</b>			
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**CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES****4.1 – Physical Facilities**

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
9	9

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with LCD facilities	Newly Added

**4.2 – Library as a Learning Resource**

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
KOHA	Fully	3.10	2012

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	23940	5664373	79	41925	24019	5706298
Reference Books	2953	1200000	0	0	2953	1200000
e-Books	419	928691	0	0	419	928691
Journals	36	116150	0	0	36	116150
Digital Database	1	0	0	0	1	0
e-Journals	1	265000	0	0	1	265000
CD & Video	2500	0	0	0	2500	0
Weeding (hard & soft)	14	2233	0	0	14	2233

Library Automation	1	0	0	0	1	0
No file uploaded.						

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			
No file uploaded.			

#### 4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MGBPS)	Others
Existing	515	17	17	1	1	1	7	100	0
Added	0	0	0	0	0	0	0	0	0
Total	515	17	17	1	1	1	7	100	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

110 MBPS/ GBPS
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4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
No Data Entered/Not Applicable !!!	

#### 4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
1	0.68	17	16.42

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The College campus is spread over an area of 21 acres of land. It has an administrative block, 4 department blocks, 5 workshop buildings, Canteen and Substation. The college has 7 academic departments with adequate physical facilities and infrastructure for the existing academic programmes and administrative functions, cocurricular and extracurricular activities. All the buildings of the institution has newly constructed ramp facility for wheel chair or for the easy walking Administrative block comprised of all classrooms, drawing hall for 1st years, centre computing facility and Library. One department block has two departments. One block is meant for Post graduate students College of Engineering Vadakara has 27 classes, 4 tutorial rooms, 2



drawing halls 59 laboratories. All the UG classrooms have a capacity to accommodate 6070 students. All class rooms have ceiling mount LCD projectors, Lecture Stand, Uninterrupted Power Supply, wooden tables and wooden benches. Tutorial rooms can accommodate 3035 students. Each department block has one tutorial room. Three department block have air conditioned a seminar halls equipped with ceiling mount LCD projector, Lecture Stand, Uninterrupted Power Supply and Sound system. The Conference hall in administrative block is ideal for the meeting of 30 individuals. This employing cutting edge audiovisual, videoconferencing and distancelearning facilities. The air conditioned Central Computing Facility has 50 terminals for the internet facility. Internet at 100 mbps is provided through dedicated OFC cable. Around 500 computers are in use in various departments and all are having internet facility. The college having a registered co-operative store with all kinds of stationery materials required for students and staff at reduced price of the college. Basketball court, Shuttle badminton court and football/cricket court are available in the campus The students are accommodated in Four Ladies Hostels with a capacity of 400. The construction work of Ladies hostel in campus is nearing to completion. Transportation facility is provided by college through 10 Numbers of 50seated buses for transporting staff and students in the mornings and evenings. The master plan of the College gives direction to the spatial/infrastructural planning and development in sync with the academic growth. The requirements are submitted by HoDs to the Principal, the relevance of the proposal are discussed in IQAC/ academic council and the proposal is forwarded to head office for sanction. The management will provide administrative sanction after the discussion in executive committee. Major civil works are done through head office, the minor civil works and procurement of lab equipment's/furniture are done from the institution after tendering. The purchase is done as per store purchase rule. The implementation of the policy is primarily through the HoDs, academic council, Management and Principal. Maintenance of physical facilitiesThe maintenance and upkeep of the infrastructure facilities and equipment of the college is carried out by sweepers, electrician/plumber under the supervision of civil engineer and electrical engineer. Computer Maintenance is done under the supervision of Computer instructor During class committee meetings, students' feedback are taken on infrastructure facilities and suitable actions are taken, wherever required. The corridors cleaned with sanitation

[www.cev.ac.in](http://www.cev.ac.in)

## CRITERION V – STUDENT SUPPORT AND PROGRESSION

### 5.1 – Student Support

#### 5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

#### 5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Traffic Rules	24/07/2019	150	Ajikumar, MVD kerala
Induction program	23/07/2019	150	Kerala Police
Drug Abuse awareness	25/07/2019	150	Somasundaram, Kerala Excise Dept

Yoga	25/07/2019	150	CEV
Diagnosis Test	26/07/2019	150	CEV
language lab	07/01/2019	150	CEV
Bridge course	08/08/2019	50	CEV
Motivational Speech	23/07/2019	70	ALEX MATHEW
YOGA	23/07/2019	80	YOGA TEAM
KTU Regulations	23/07/2019	150	Vinod P. KTU Coordinator
Motivational Speech	24/07/2019	80	ALEX MATHEW
YOGA	24/07/2019	70	YOGA TEAM
Social Committment	24/07/2019	150	Abdul Samad, S Sreejith, HSST
Physical Fitness	25/07/2019	150	Vijayan P K, Trainer
IEDC	25/07/2019	150	Roshith K, IEDC in charge
Ethics and Human Values	25/07/2019	70	Vijayan R, AP
SAHAJA YOGA	26/07/2019	150	SAHAJA YOGA TEAM
Awareness on Cyber Crime	26/07/2019	150	Jithesh Kottakkal, Kerala police
Mentoring and Counselling	29/07/2019	70	Reshma Babu
Mentoring and Counselling	29/07/2019	80	Gireesh Thayambeth
What to expect from an Engg. Graduate	29/07/2019	150	Amal S, CDAC
Communication and Skill development	02/08/2019	150	Training team
No file uploaded.			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	Aptitude and Communication skill development program	61	42	61	61
No file uploaded.					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
2	2	14

## 5.2 – Student Progression

### 5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
ULTS, INFINIZIT SOLUTIONS	146	12	ACTIONFI, AGILE BUSINESS CONSULTANCY, ALISON INFORMATICS, AMAZON, APPMASTERY, BASSAM, CCCTS, CODESAP, CTS, DIB, FACE, IB S, I GUARD, INFOSYS, JASIDO, MAXLORE, NUCORE, RIBZ, SESAME, ULCCS, WIPRO . ETC	200	61
No file uploaded.					

### 5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	1	B TECH	ECE	CE THALASSERRY	M TECH IN SIGNAL PROCESSING
2019	3	B TECH	IT	GOVT. ENGG. COLLEGE, BARTON HILL,	M TECH IN NETWORK ENGG.
2019	1	B TECH	ECE	GEC THRISSUR	M TECH IN COMMUNICATION ENGG.
2019	1	B TECH	IT	KERALA UNIVERSITY	M TECH IN DIGITAL IMAGE COMPUTING
2019	5	B TECH	EEE	GOVT. COLLEGE OF ENGG. KANNUR	M TECH IN POWER ELECTRONICS AND DRIVES

2019	1	B TECH	EI	GEC CALICUT	M TECH IN SIGNAL PROCESSING
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	2
No file uploaded.	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
SPORTS	INTER COLLEGIATE	10
ARTS	COLLEGE	110
No file uploaded.		

### 5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
No file uploaded.						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The College has an active Student Union. The Students are encouraged by the College to form a union with elected representatives, in parliamentary mode. Open announcement is made in the College with regard to nominations and election date for the formation of Students Union. The candidates who are interested and eligible can file the nomination to the Election commissioner. They are allowed to muster the students within the fixed duration. Election is conducted for the post of Class representatives one for 20 students in which one should be a lady. From these elected members, Student President, VicePresident Secretary, Joint Secretary, Treasurer, Arts Secretary, Magazine Editor, Sports Secretary, Hostel Secretary and Social Service League Secretary. Election is conducted on 31/10/2018 during this year. Major activities of the Student Union. Students Union gives due importance to the overall welfare of the students. • The Union organizes various functions like College Day, Sports Day, College Cultural festival, Technical festival etc. • The inter and intra College competitions are conducted for various festivals. Students participated in different competitions in other institutions with the assistance of student union. • The union members used to help the department which is organizing various training programmes for the development of the students. • The union members are actively associated with blood donation camp, hair donation camp and mobilize the students to donate blood and hair. College maintains fund collected from students in the head of Union and Fine Arts for Union activities and College Cultural activities. The Union members also get sponsors for their activities. Apart from Union Council comprising of 12 members, Sports committee, Hostel committee, Womens Cell, Library committee have student's representatives and the students play a vital role in organizing all activities

related to their respective committee.

## 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

CEV Alumni Association is very active and a warm rapport is maintained through annual meetings. 5 of permanent faculty are alumnae of the institute. Alumnae scholarships are distributed to few financially weak students every year. Alumni have sponsored a basketball court costing Rs 5 lakhs, donated 1.75 lakhs for the beautification of reception area and 1 lakhs for library books. The College has instituted a scholarship through alumnae for economically poor students who are good in studies and are not eligible for any other scholarships. Dakshina A house is constructed by alumnae and students for a poor family selected by the Pachayath Authority costs 8 lakhs. 20062010 batch of students initiated the donation of a house in the name of "Dakshina " to a poor family in the Maniyur Gramapanchayath contributed 3.75 lakhs. Association of CEV Alumni (CEVAA) is a vibrant organization which caters for the inculcation of intimate fellowship and frequent interaction among the former students of the College. Former staff and faculty are in touch with the institute and visits occasionally. Dr. Nikita Hari who had completed PhD from Cambridge University in 2018 was selected as one among 50 women engineers in the world is the alumnae of the department of Electronics and Instrumentation.

5.4.2 – No. of enrolled Alumni:

1399

5.4.3 – Alumni contribution during the year (in Rupees) :

399000

5.4.4 – Meetings/activities organized by Alumni Association :

Seven Executive meetings are conducted. General body meeting was on Dec 22,2018. Activities include the construction of a two wheeler parking area, Water cooler donation in CSE dept and donation of an electric water pump to College. Alumni scholarships, Rs 20000/ each for three students and Rs10000/each for two students, have been awarded. Awarded mementos and aptitude books are awarded for academic toppers in all classes. Hostel bills are paid for financially weak eligible students. Hospital expenses of a student is met who met with an accident.

## CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Vision To be a world class technical education institute, with the highest quality and standards of excellence to meet the demands of business, industry and the community and thereby to contribute to India's socioeconomic progress Mission To develop high quality personnel with a sound footing on basic engineering principles, innovative research capabilities and exemplary professional conduct to lead and to use technology for the progress of mankind, adapting themselves to changing technological environment with the highest ethical values as the inner strength.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

## 6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	<p>The college is having the affiliated status the courses are approved by the university at the time of starting of new course. The scheme, syllabus, detailed curriculum, including course objectives, total credit, list of text books/reference books to be followed and the evaluation pattern are provided by the university. The university encourages the teaching staff to attend syllabus revision meetings. Formal and informal recommendations are given by the faculty members in the curriculum development of various programs. Based on the stakeholder's feedback and the decision of the Academic Council, new reforms are implemented in teaching learning process in the college level.</p> <p>As per curriculum students has to acquire 100 grade points extra. Grade points are allotted for internships, extension activities and extracurricular activities, which enhances overall growth of the students</p>
Teaching and Learning	<p>At the commencement of the semester, the institution prepares the academic calendar containing the relevant information regarding the teaching learning schedule, holidays, dates of internal examinations, external examinations, fests, meetings of academic council, HoDs, staff, course committee, class committee etc. Every teacher is assigned 16 hours of work per week as per AICTE norms. The individual departments prepare their weekly timetable distributing the teaching hours, practical hours, guidance, ward counselling hours etc. The number of actual working days is as per calendar in an academic year, at 6 hours per day comprising a minimum of 7075 days per semester. The College strictly follows an academic calendar. The calendar is made available before the beginning of every Semester, which helps the students, parents and teachers to plan their academic year.</p>
Examination and Evaluation	<p>The evaluation process includes 1/3rd of marks by continuous internal assessment and 2/3rd of marks by end semester examination. Mark distribution is as below for senior students of B</p>

Tech (2015 Scheme) and MCA: University Program Marks for Series Test Assignment Internal Marks External Marks KTU B.Tech 20 2 10 50 100 MCA 15 2 10 40 60 Internal marks of 50 are provided based on the two series sessional test and two assignments. Marks for series are 20 and mark for assignment is 10. Student is eligible to write external exam if he/she acquires a minimum of 23 marks and 75 attendance. Those who get 18 marks can attend summer course. External examination is conducted by University for 100 marks and 45 marks and 75 attendance are required for a pass in the examination. Valuation of university answer sheets are valued from Central Valuation camp as per appointment by university and cross checked by a second examiner is followed for UG papers PG papers are 1st evaluated by concerned faculty and 2nd valuation is conducted by an external examiner. For 2019 Scheme B Tech, 20 marks are given for attendance, 50 marks are for tests and 30 for assignments/classworks/project etc. in case of theory courses and 20 attendance, 40 each for tests and assignments in lab courses. Passmark for university examinations is 40.

Research and Development

Research and Development In order to promote a research culture, CEV has instituted several support systems for conducting research oriented projects, publishing their output in terms of publications, proposal for external funding, application for patents etc. To promote the research ambience, we are associating with various research organizations like Centre for Engineering Research and Development (CERD), Kerala State Science and Technology Centre (KSCTSE), AICTE, UGC under the R D cell. We have nominated Prof. Dr. R Sridharan, Professor, NIT Calicut as Senior Research Advisor to promote and support RD Cell., R D cell focuses on i) Providing information and research guidance to teaching staff about the various funding agencies ii) Encouraging interdisciplinary research iii) Motivating the faculty of each department to publish articles iv) Commendable weight age is given to research output while identifying the best outgoing students

<p>Library, ICT and Physical Infrastructure / Instrumentation</p>	<p>A wellstocked, spacious central library with browsing facilities is available to students and staff. It houses about 25,000 volumes of books and subscribes 36 print journals. In addition, the library has a collection 419 ebooks and subscribes many ejournals. About 500 computers and several licensed software are available in various labs for students. Extended library working hours is yet another feature</p>
<p>Human Resource Management</p>	<p>The recruitment procedures, service rules are made transparent and employees are benefitted with CL, EL, ML and EPF. NonTeaching staff have ESI facility for their family membersEmployee's salary will be credited in the bank account directly.The institution encourages the employees for higher education, presenting research papers in National/International conferences with financial assistance.</p>
<p>Industry Interaction / Collaboration</p>	<p>Industry interaction has provided opportunity for the students to undergo in plant training, industrial visit, etc.</p>
<p>Admission of Students</p>	<p>Admission of Students Students are admitted in Merit, Management NRI quota as per the norms of the Government and CAPE. Eligibility for admission is as specified in the Common Entrance Examination conducted by the Govt. of Kerala. The merit management students are directed by the Chief Entrance Commissioner according to the Entrance ranking through online counselling. 60 percent seats are free seats, 35 percent seats are management seats and 5 percent seats are reserved for NRI students selected directly on merit basis. Government Quota (60 of sanctioned intake): The intake of students for the B.Tech programme is based on the rank list prepared by the CEE appointed by the Government of Kerala. The rank is published considering the results of the KEAM and marks of the Higher Secondary Examination in 50:50 proportions. Based on the options regarding institution and programme, opted by the eligible candidates, the CEE allocates students to the institution following various reservation norms constituted by the Government of Kerala. Management Quota (35 of the sanctioned intake):</p>



Selection to this category is done by the CAPE from among the applications submitted by candidates who are declared eligible for admission by the Commissioner of Entrance Examinations, Government of Kerala. NRI Quota (5 of the sanctioned intake): Selection to this category is done by the CAPE from among the applications submitted by candidates who are declared eligible for admission by the Commissioner of Entrance Examinations, Government of Kerala. Eligibility Conditions for the various programmes are as follows: The minimum eligibility for B.Tech programme in the merit category is a pass in the Higher Secondary examination (102 level) with 50 percent marks in Mathematics and overall 50 percent for Physics, Chemistry and Mathematics put together. For the SC/ST category, a pass in the Higher Secondary examination is the criterion. Post graduate programmes Admission to MCA program is based on rank list published by the rank list approved by DTE. Any Government agency will be entrusted to conduct entrance examination under the supervision of Justice James committee. 100 seats for MCA programme are filled from the rank list.

#### 6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Student Admission and Support	Student Admission is through Kerala Government CEE portal. Campus Management Software (CMS) enables monitoring of all academic activities of the institute. Campus Management System (CMS) software supports faculty in academic planning, teaching learning organization and scheduling evaluation.
Examination	Examination registration fee payment result publication are done through KTU portal

### 6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
<b>No Data Entered/Not Applicable !!!</b>				

[View File](#)

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	NANO ELECTRONICS AND VLSI		05/08/2019	07/08/2019	38	0
2019	POWER ELECTRONICS TECHNOLOGY, ITS APPLICATION AND CONTROL		14/01/2019	18/01/2019	36	0
2019	CIRCUITS AND NETWORKS		24/07/2019	26/07/2019	25	0
2019	HANDS ON TRAINING ON LANGUAGE SOFTWARE FOR COMMUNICATION SKILL DEVELOPMENT		21/02/2019	22/02/2019	30	0
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
DIGITAL COMMUNICATION SYSTEMS AND INFORMATION THEORY	3	16/01/2019	18/01/2019	3
MENTORING AND TRANSACTIONAL ANALYSIS	2	03/12/2019	07/12/2019	5
RESEARCH CHALLENGES IN DATA ANALYTICS	3	06/12/2018	13/12/2018	5
MATHEMATICAL FOUNDATION ON LOGIC AND COMBINATORICS	3	02/12/2019	07/12/2019	5

COMPUTER VISION AND MACHINE LEARNING	3	24/07/2019	26/07/2019	3
DEEP LEARNING AND IOT APPLICATION USING MATLAB	1	21/01/2019	25/01/2019	5
STUDENT PSYCHOLOGY AND BIG DATA ANALYSIS	1	14/01/2019	18/01/2019	5
MACHINE LEARNING TECHNIQUES AND TOOLS	1	24/07/2019	26/07/2019	3
OPTIMIZATION TECHNIQUES AND ITS ENGG APPLICATIONS	1	31/12/2018	05/01/2019	5
Simulation Modeling of Electronic Systems	1	09/12/2019	13/12/2019	5
NATURAL LANGUAGE PROCESSING USING PYTHON	1	14/10/2019	19/10/2019	6
STUDENT PSYCHOLOGY AND BIG DATA ANALYTICS	1	14/01/2019	18/01/2019	5
ANALOG AND DIGITAL INTEGRATED CIRCUIT DESIGN USING EDA TOOLS	2	21/01/2019	25/01/2019	5
NANO ELECTRONICS AND VLSI	2	05/08/2019	07/08/2019	3
Computer vision and Deep learning using OpenCV and Python	2	04/02/2019	08/02/2019	5
A short term training program on circuits and networks	1	14/01/2019	18/01/2019	5
Power Electronics Technology, its Application and	1	14/01/2019	18/01/2019	5

Control				
Deep learning and Machine Learning Approaches and its Applications	3	09/12/2019	13/12/2019	5
Tools and Techniques for Data Science	1	09/12/2019	13/12/2019	5
Computer Vision and Machine Learning	1	24/07/2019	26/07/2019	3
Big Data Analytics	3	14/01/2019	18/01/2019	5
Technology Enhanced Learning Environment	1	07/01/2019	11/01/2019	5
Research and Application Perceptives of AI and Machine Learning	2	08/07/2019	12/07/2019	5
Supply Chain and Logistics Management	1	03/12/2019	05/12/2019	3
Linux kernal internals and development	1	14/01/2019	18/01/2019	5
Summer school on deep learning	1	20/05/2019	24/05/2019	5
No file uploaded.				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	30	0	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Provident Fund, Group Insurance	Provident Fund, ESI, Group Insurance	E grants, Fee Waver scheme Alumnae Scholarship, Merit Cum Means Scholarship Group Insurance, Cooperative Department scholarship

**6.4 – Financial Management and Resource Mobilization**

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Internal audits are conducted during the end of each financial year and after all fee collections. External auditors (Chartered accountants) audits full transactions yearly as per direction from Head office. A group of three from head office and other colleges under management conducted audit during this year.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
KSCSTE	30000	Student Project
No file uploaded.		

6.4.3 – Total corpus fund generated

64000
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### 6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	KTU	Yes	IAC
Administrative	Yes	CAPE		

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

The Institute arranges for a parent - teachers meet once in a semester during a weekend. The parents are identified and invited by faculty advisors of all the departments. Student's academic performance, university results, attendance and other related issues are discussed.

6.5.3 – Development programmes for support staff (at least three)

For the supportive staff at college level Training programs on computer applications, filing, accounts etc., are organized periodically.

6.5.4 – Post Accreditation initiative(s) (mention at least three)

- ISO 20012015 upgradation
- Got Consultancies
- Students are encouraged for student's internship programs.
- Quality research and patents improvement has been addressed.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	Yes
d)NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Final year projects and design projects are	05/03/2019	01/04/2019	09/04/2019	250

monitored by  
IQAC in  
association  
with RD

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## CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
<b>No Data Entered/Not Applicable !!!</b>				

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
<b>No Data Entered/Not Applicable !!!</b>

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	0
Physical facilities	Yes	0
Braille Software/facilities	Yes	0
Rest Rooms	Yes	0
Scribes for examination	Yes	0
Special skill development for differently abled students	Yes	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
<b>No Data Entered/Not Applicable !!!</b>							

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
<b>No Data Entered/Not Applicable !!!</b>		

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
<b>No Data Entered/Not Applicable !!!</b>			

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1) Tree planting 2) Use more LED than CFL 3) Mounted incinerator in campus for waste management 4) Banned the use of plastic in campus 5) Waste management

## 7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1) Mentoring/ Counselling System: A group tutor is assigned for every 20 students for their academic and personal guidance. The students can approach the respective mentor for discussions any time, this helps the students to get over their difficulties during learning. The duty of the faculty is not only to maintain discipline but also to redress the grievances of the students through proper mentoring system. Counselors /advisors are assigned to each class or group of students in all departments in accordance with the guidance given by the HOD. Academic mentoring is done by the faculty. The main duty of this advisor or counselor is to carefully monitor the student activities like regularity of attendance, the performance of the students in internal and external tests and semester examinations. Students are advised with remedial classes which help to improve their caliber. The mentor acts as a true friend and guide to the students. Remedial Classes are arranged for slow learners which helps weak students to score better marks. In addition to this there is a strong mentoring system to boost the confidence of the slow learners. The faculty interacts with the students and parents. The students are directed to meet the external counselor if needed. Two trained faculty of the institute are acting as counselors. Apart from this an external counselor visits college twice in a week. The mentoring report is maintained and monitored by the HOD and the Principal. 2) Foundation courses: Courses have been designed to provide a sound foundation in function, Calculus, Trigonometry and Differential Equations. These courses develop mathematical content to support further studies. This understanding will help faculty to improve and augment students' performance in their first year of engineering education. The pass percentage and the average academic performance of the students had improved with this practice.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

## 7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

No data entered !!!

## 8.Future Plans of Actions for Next Academic Year

1) Improve student academic performance and hence university result. 2) Improve the placement through continuous engagement with industries and organizations. 3) Motivate the students to undertake Socially relevant Projects. 4) Encourage students for the achievement of funded projects. 5) Encourage faculty and student publication.