



COLLEGE OF ENGINEERING VADAKARA

(CAPE - Govt. of Kerala)

Mandarathur P.O, Kozhikode District, Kerala -673105

An Institution accredited by NAAC with 'B+' Grade & ISO 9001 – 2015 certified

I. Brief History of Institute

The College of Engineering Vadakara, is a Government controlled Engineering College established by Govt. of Kerala in the year 1999 managed by Co-operative Academy of Professional Education (CAPE) under the Ministry of Co-operation. The College is affiliated to Dr. APJ Abdul Kalam Technological University (KTU).

Land & Location:

The campus is located at Kurunthodi in Maniyur village about 13 km away from Vadakara town along the Palayad–Maniyur road and is situated on the hilltop of ‘Kakoramala’, with lush green and beautiful surroundings stretching over an area of about 27 acres. The nearest railway station Vadakara is 14 Km away from the Campus.

Board of Governors: The BoG meets thrice in a year and decisions are taken on academic reforms to be implemented, infrastructure development needed etc. based on the feedback from Principal, IQAC and HODs. The Management, BoG, the Principal and the staff/faculty are always stepping in together for designing and proper applications of the quality policy and plans. The BoG members are

1. Prof. Dr. K.G. Balakrishnan, Chairman
2. Special Secretary, Co-Operation Department, EX-Officio Member
3. Secretary to Govt. Finance Department, EX-Officio Member
4. Dr. Jayakumar. S, Director, SPFU Trivandrum, EX-Officio Member
5. Prof. Dr. R. Sasikumar, Director, CAPE, EX-Officio Member
6. Dr. G P Padmakumar, Registrar, KTU, Member
7. Shri. Rameshan Paleri, Chairman, ULCCS, Industrialist
8. Prof. Dr. V.K. Govindan, Prof. NIT Calicut, Educationalist
9. Dr. Ramesh Unnikrishnan
10. Dr. Sreekanth. C, Principal, CE, Vadakara, Member
11. Smt. Shibili. T, Asst. Professor, C.S.E Dept, C.E Vadakara,

College Council: The College council is to advise the Principal on important decisions regarding academic and administrative matters. Members of the college council for academic year 2019-20;

- | | |
|-------------------------|--------------------------|
| 1) Dr. Sreekanth C. | Principal -Chairman |
| 2) Smt. Vijina. V. V | H.O.D - Civil Eng. Dept. |
| 3) Sri. Nithin T. | H.O.D - EE Dept. |
| 4) Sri. Lalji Cyriac | H.O.D - EC Dept. |
| 5) Smt. Sithara E. P | H.O.D - CS Dept. |
| 6) Smt. Dhanya V. | H.O.D - IT Dept. |
| 7) Dr. Sujith S | H.O.D - Applied Science |
| 8) Sri. Vijith T K | HOD - MCA |
| 9) Sri. Prapu Premanath | Staff Advisor |

IQAC:

Internal Quality Assurance Cell (IQAC) is the premier body of the college, having the advisory role, which discuss the academic matters, make decisions and proposals for the principal at the formation of policies, regulations and rules. The committee works for assuring the quality of the delivery of programs by individual departments and prepares progress report for submission to BOG at the end of each semesters. The Members are

1. Dr. R. Sasikumar, Director, CAPE
2. Dr. C. Sreekanth, Principal(Chairperson)
3. Ms. Ragi R G, Assistant Professor/ECE(Coordinator)
4. Dr. Smitha C K, Associate Professor/EIE
5. Mr. Nithin T, Assistant Professor& Head/EEE
6. Mr. Shanavas K P, Assistant Professor/ME
7. Ms. Shibili T, Assistant Professor/CSE
8. Ms. Nithya A K, Assistant Professor/IT
9. Ms. Vijina V V, Assistant Professor& Head/CE
10. Mr. Shyamesh K G, Assistant Professor/ECE
11. Ms. Deepa R, Assistant Professor/MCA
12. Ms. Seema G, Junior Superintendent
13. Ms. Jaya Prabha, President, Maniyur Grama Panchayath
14. Mr. Varun A, Chairman, College Union
15. Mr. Shamnas M K, Alumni
16. Mr. Rameshan Paleri, Industrialist
17. Dr. Kumaravel S, NIT Calicut(IEEE Malabar Hub Secretary)

II. ACADEMIC ACTIVITIES

AICTE Approval (Extension of Approval):

The approval of AICTE for the year 2019-20 was accorded to all the five B.Tech programmes and the MCA programme run by the College of Engineering Vadakara vide AICTE Order No. South-West/1-4262032062/2019/EOA Dtd. 30-04-2019.

University Recognition:

Provisional recognition for College of Engineering Vadakara was accorded by the KTU as per order No. KTU/A/456/2015 Dtd: 15th May 2019 for the B.Tech course in Civil Engg, Computer Science & Engg, Electronic & Communication Engg, Electrical and Electronics Engg, and MCA with 60 seats each and B.Tech Information Technology with 30 seats. From the academic year 2015-16 all the B.Tech courses are affiliated to APJ Abdul Kalam Technological University vide order No KTU/A/456/2015 dated 14 May 2015.

Government Sanction:

Government accorded sanction for starting B. Tech Courses in 4 branches Electronics and Communication, Electronics and Instrumentation, Information Technology and Computer Science in the year 1999, B. Tech course in Electrical and Electronics & Civil Engineering in 2009 and MCA course in 2010.

Academic Programmes:

The college offers undergraduate courses in the following branches:-

- | | |
|---------------------------------------|-----------|
| (a) Civil Engineering | - 60Seats |
| (b) Computer Science & Engg | - 60Seats |
| (c) Electronics & Communications Engg | - 60Seats |
| (d) Electrical & Electronics Engg | - 60Seats |
| (e) Information Technology | - 30Seats |
| Post graduate programme | |
| (f) Master of Computer applications | - 60Seats |

Working Hours:

Class timings are from 09 AM to 4 PM. The students had a five day week as per the curriculum prescribed by the KTU. Library and computer center are functioning from 8.30am to 5.00 pm. The offices were also functioning all days except Sundays from 09 AM to 4PM.

Admission during the last 3 years:

2016 – 17												
Branch	Sanctioned				Total sanctioned	Admitted				Total Admitted		
	Merit	Mgt	NRI	TFW		Merit	Mgt	NRI	TFW			
CE	36	21	9	3	69	29	21	08	03	61		
CSE	36	21	9	3	69	30	21	09	03	63		
EEE	36	21	9	3	69	30	09	04	03	46		
ECE	36	21	9	3	69	29	06	03	03	41		
IT	36	21	9	3	69	30	03	06	03	42		
EIE	36	21	9	3	69	22	01	01	03	27		
MCA	60	0	0	0	60	16	0	0	0	16		
Total	276	126	54	18	474	186	61	31	18	296		
2017 – 18												
Branch	Sanctioned				Total sanctioned	Admitted				Total Admitted		
	Merit	Mgt	NRI	TFW		Merit	Mgt	NRI	TFW			
CE	36	21	03	03	63	35	16	03	03	57		
CSE	36	21	03	03	63	31	15	03	03	52		
EEE	36	21	03	03	63	32	01	01	03	37		
ECE	36	21	03	03	63	21	0	0	03	24		
IT	36	21	03	03	63	15	0	0	03	18		
EIE	36	21	03	03	63	08	01	0	0	9		
MCA	60	0	0	0	60	11	0	0	0	11		
Total	276	126	18	18	438	153	33	7	15	208		
2018-19												
Branch	Sanctioned					Total sanctioned	Admitted					Total Admitted
	Merit	Mgt	NRI	TFW	Rese rvati		Merit	Mgt	NRI	TFW	Rese rvati	
CE	36	19	03	03	02	63	36	11	03	03	0	53
CSE	36	19	03	03	02	63	36	07	03	03	0	49
EEE	36	19	03	03	02	63	21	01	02	03	0	27
ECE	36	19	03	03	02	63	14	0	03	03	0	20
IT	27	0	0	03	0	30	07	0	0	03	0	10
EIE	27	0	0	03	0	30	03	0	0	0	0	3
MCA	60	0	0	0	0	60	05	0	0	0	0	5
Total	258	76	12	18	8	372	122	19	11	15	0	167

Total number of students admitted in the current academic year 2019 – 20

Branch	Sanctioned					Total sanctioned	Admitted					Total Admitted
	Merit	Mgt	NRI	TFW	Reser vatio		Merit	Mgt	NRI	TFW	Reser vatio	
CE	36	18	3	3	3	63	21	11	2	3	0	37
CSE	36	18	3	3	3	63	32	9	3	3	0	47
EEE	36	18	3	3	3	63	21	0	1	3	0	25
ECE	36	18	3	3	3	63	19	0	0	3	0	22
IT	27	0	0	3	0	30	14	0	0	2	0	16
MCA	60	0	0	0	0	60	19	0	0	0	0	19
Total	231	72	12	15	12	342	126	20	6	14	0	166

Result Analysis:

Year of Admission	Branch	Total Students Registered	First Class	First Class with Distinction	Total	Pass %
2013 Admission & MCA 2014 Admission	ECE	67	20	4	24	35.8%
	CSE	61	24	2	27	44
	CE	67	27	16	43	64.18%
	IT	26	14	2	16	61.5%
	EEE	51	24	1	25	49.02
	EIE	47	29	8	37	35%
	Total	319	138	33	172	54
2014 Admission & MCA 2015 Admission	ECE	61	18	2	20	32.8%
	CSE	65	23	4	27	41.5
	CE	65	31	12	43	66.15%
	IT	37	7	3	10	27.02
	EEE	59	16	5	21	35.59
	EIE	44	9	2	11	25%
	Total	331	104	28	132	39.9
B.Tech 2015 Admission & MCA 2016 Admission	ECE	48	29	3	32	66.7
	CSE	58	17	2	19	32.8
	CE	67	22	7	29	43.28
	IT	32	11	0	11	34.38
	EEE	41	16	0	16	39.02
	EIE	33	9	9	18	54.5
	Total	279	104	21	125	44.8
MCA	30	26		26	86.67	

Placement Statistics:

18 students placed in various companies like Wipro, Cognizant, TCS, Infosys, Robosoft, Bpract, mozilor in 2019-20. 42 students of MCA got Internships with job offer in various companies like fox fennecs solution, biztime IT solution, nucore, qbytez...etc.

Training & Placement activities:

SL. No.	Program	Firm	Date	Brief description
1	Induction Programme	Evoke btl	30 th July, 1 st and 2 nd August 2019	For first years
2	Pre-Placement Training Programme	Time	1 st and 2 nd August	For TCS eligible students
3	Aptitude and Reasoning sessions.	Insight job Guru	24,25sept 2019 2days	Prior to IBS and Wipro drives
3	Pre-Placement Training Programme	Insight job Guru	14 th ,15 th , and 16 th oct 2019 3days	Prior to Wipro drive
5	Basic Communication skill Development	Evoke btl	1 st and 2 nd Nov 2019	MCA 1 st and 2 nd years
6	Pre-Placement Training Programme	T-Horizon	14 th ,15 th ,17 th and 18 th of Feb 2020 4 days	S6 of All Branches except CE

III. Manpower Management

Structure of Organization:



New appointment details:

Sl. No.	Post	Regular	Contract	Adhoc /Daily	Apprentice Trainee	Total
1		nil			15	15

Staff position as on 31.03.2020:

Sl. No.	Post	Regular	Contract	Adhoc	Daily wages	Apprentice Trainee	Total
1	Principal						
2	Professor						

3	Associate Professor	3					
4	Assistant Professor	45	1	28			
7	Instructor	4					
8	Trade Instructor	8					
9	Administrative Officer						
10	Junior Superintendent	1					
11	Assistants	3					
12	Librarian	1	1				
13	Library Assistant	1					
14	Attender cum Driver	1					
15	Peon						
16	Sweeper	1	5				
17	Apprentice					15	
18	Security staff		3				
19	Lab attenders				2		
23	Electrician cum plumber		1				
24	Clerical Assistant	1					
25	Gardener				1		
26	Cleaner in Library		1				
27	Overseer (Civil)		1				
	TOTAL	69	13	31		15	

IV. Facilities Available

Library:

Library Area		Carpet area – 430sqm, Reading space – 200sqm		
Working Time	8.30 AM – 5.00 PM			
Sl.No.	Resources available	No. of Items available during the year 2019 - 20	New volumes added during the year	Remarks
1	Books	24037	94	
2	E –Journal	1 package		Ebsco Engineering Journals package
3	Printed Journal	36		
4	Magazines	25		
5	News Papers	6		3 English, 3 Malayalam

Laboratory facility:

Sl. No.	Department	Name of Laboratory/Workshop	New facility added during the year
1.	Computer Science	1. Computer Science workshop, 2. Computer programming lab, 3. Data structure lab 4. Free and open source lab 5. System software lab 6. Applicationsoftware development lab 7. Network programming lab 8. Compiler design lab	Nil
2.	Electronics & Communication	1. Basic electronics Lab 2. Electronics circuit Lab	Nil

	Engineering	<ol style="list-style-type: none"> 3. Digital Electronics lab 4. Microprocessor lab 5. Embedded systems lab 6. Communication Lab – 1 7. Communication Lab -2 8. Digital signal processing lab 9. Electronics Workshop 10. Project lab 	
3.	Electrical & Electronics Engineering	<ol style="list-style-type: none"> 1. Power Electronics Lab 2. Circuits and Embedded System Lab 3. Measurements Lab 4. Digital circuits and Embedded Lab 5. Power System Lab 6. Electrical Machines Lab 1 and 2 7. Systems and Control Lab 	Nil
4.	Civil Engineering	<ol style="list-style-type: none"> 1. Civil Engineering Workshop 2. Material Testing Lab I 3. Material Testing Lab II 4. Survey Practicals 5. Transportation Engg 6. Geotechnical Engg 7. Cad Lab 8. Environmental Engg 9. Civil Drafting lab 10. Project Lab 	Nil
5.	Mechanical Engineering	<ol style="list-style-type: none"> 1. Carpentry 2. Fitting 3. Sheet metal 4. Welding 	Nil
6	MCA	<ol style="list-style-type: none"> 1. Software Lab – I 2. Software Lab - II 	Nil
7	Information Technology	<ol style="list-style-type: none"> 1. Programming LabI 2. Programming LabII 	Nil

Hostel Facilities:

Name of Hostel	Area	Capacity	Actual intake
Kirans Hostel	9700 Sq.Ft	100	84
Green Valley	11250 Sq.Ft	120	66
Eaton Ville	12500 Sq.Ft	125	73

Canteen & Cafeteria:

Area	Seating Capacity	Fuel used (LPG, Firewood)
310 M ²	200	LPG & Firewood

Building and other infrastructure details:

Building	Area	No. of class rooms	No. of amenity rooms
Block A(Administrative block)	4201 M ²	6	

Block B(CSE& IT)	2564 M ²	10	1
Block C(ECE& EIE)	2564 M ²	6	1
Block D (MCA)	2573 M ²	6	
Block E(CE& EEE)	2738 M ²	9	

Sports facility:

- Volley ball court
- Basketball court
- Shuttle badminton court
- Football/cricket court

Co-operative Societies/Store:

There is a full-fledged registered co-operative society(Co-operative Institute of Technology,co-operative store Ltd No.D 2845) functioning in the college since its inception. One staff is appointed in the store for its day to day smooth functioning. A committee consisting of 5 members has been constituted for managing the overall functioning of the store. All stationery items and uniform cloths required for the students are being provided. Light snacks, tea and coffee are also being served in the store.

Transportation facility:

College is having 10 buses for conveyance of our students and staff. These buses are being running from all important destinations such as Payyoli, Vadakara, Perambra and Koyilandy. Busses are managed by a bus committee consisting of faculty, staff, PTA and students representatives headed by the principal.

Internet facilities/Wi-Fi Connection:

The college has 100 Mbps NKN & 12 Mbps BSNL internet facility with campus Wi- Fi connectivity. All academic blocks are Wi-Fi connected.

Auditorium:No auditorium for college.

V. Co-curricular and Extra curricular Activities:

Professional BodyActivities:

Professional body	Activities	Date	Brief description
CSI	Workshop on Linux Command Line arguments	18/10/2019	(For first year CS and IT students as it is useful for their lab sessions in forthcoming semesters)
	Webinar on Dark web	31/5/2020	Through Google Meet in lock down period going to be conducted on 31/5/2020
IEEE &WIE	LED manufacturing workshop	13/2/2020	Total 52 students participated. The programme is in collaboration with the NSS unit of our college.
	Science quiz	28/2/2020	Total 44 students participated.
	Digital payment class for kudumbasree	1/3/2020	Conducted as a part of “WIE” week celebration outreach. 42 students participated

Techsortium quiz	4/3/2020	NANDU KRISHNA T and HAFIS CP from first year Computer Science Engineering Secured the First and Second Positions.
Introduction to Robotics workshop	6/3/2020-7/3/2020	Total 54 students participated.
Online poetry competition (Inter-College)	12/3/2020-21/3/2020	Total 35 students participated.
Online photography competition	27/3/2020	Total 17 students participated.
Break the chain Troll competition(Inter-College)	30/3/2020-14/4/2020	Total 15 students participated. The winners are 1. Jishnu K, Government Engineering College Kannur 2. Rashid MP, Vimal Jyothi College of Engineering 3. Adarsh P., NSS College of Engineering
Group discussion : Can E-learning replace Classrooms (Inter-College)	10/4/2020	Total 15 students participated.
Webinar on Big Data	16/4/2020	Total 55 students participated.
Execom Training	18/4/2020	Jointly conducted for the Execom. members of IEEE SB CEV and IEEE SB GEC Kozhikode on online platform using Google Meets for 15 members from both colleges.
Webinar on Women in Computing-	23/4/2020	Handled by Ms.Staji Wilson, volunteer IEEE Kerala young professionals with 29 participants.
Let me speak- competition (National Level)	26/4/2020-3/5/2020	Total 39 participants. The winners are 1. Ms. Reshma B from LBS institute of Technology of women, Thiruvananthapuram 2. Ms. Guntur Renu from SV College of Engineering Tirupati 3. Ms. Catherin Anthony from College of Engineering Poonjar
Webinar on Cloud computing	17/5/2020	39 participants in Google Meet, handled by Ms. Jefy Thomas, Senior Software Engineer in InApp and a keen volunteer of IEEE Kerala Young Professionals

Consultancy Projects: Nil

Research & Development activities:

Activities		Date	Brief description
Proposals for External Funding	CERD : 34 Project proposals are send for CERD funding. Thirteen projects were shortlisted by CERD	September –October 2019	3 projects were selected for funding by CERD
	KSCSTE : 16 Project proposals are send for KSCSTE funding.		7 projects were selected for funding by KSCSTE
Student Projects Review.	R & D cell reviewed all Final year projects and prefinal year projects before the selection of the topic.	Aug-September 2019	All the projects are assessed by a panel of teachers from various departments and assigned external guides.
Competitions conducted	Poster presentation contest (NOVUS'19) is conducted during the end of 7 th semester.	November 2019	Best poster award given to all classes. Dr S Kumaravel Asso. Professor, NIT Calicut delivered keynote address in the function
	Project expo is conducted for pre-final year projects and Mini project in 5 th semester MCA		Best project awards were given to all departments.

External Funding : Selected projects by CERD

SI No	No of the Project	Name of Project	Name of PI
1	70/2019/CERD	Animal identification with facial images using score level fusion	Shejina V, Assistant Professor Varun Chand H (Co-Investigator)
2	72/2019/CERD	Non Destructive Type Qualitative & Structural Analysis of Flexible Pavement.(Road)	Mr. Vishnu Mohan , Asst. Professor, Dept of EIE
3	71/2019/CERD	Landslide Early Warning System	Prapu Premnath, Asst. Professor, Dept of ECE

External Funding : Selected projects by KSCSTE

1	01435/SPS64/2019/KSCSTE	Experimental study on partial replacement of cement by marble dust and fine aggregate by foundry sand	Mrs. Shabana Salih, Asst. Professor, Dept of CE
2	0306/SPS64/2019/KSCSTE	Landslide Mitigation Measure using Horizontal Drains	Mrs. Shabana Salih, Asst. Professor, Dept of CE
3	01377/SPS64/2019/KSCSTE	01377 Retrofitting of RC Beam using Natural Coir Rope	Mrs.Vijina V V, Asst. Professor, Dept of CE

4	01301/SPS64/2019/KSCSTE	Hybrid Converter Topology for Reducing Torque Ripple of BLDC Motor	Mr.Hemanth Jaison, Asst. Professor, Dept of EEE
5	01447/SPS64/2019/KSCSTE	Low Capacitance Cascaded H-Bridge Multilevel STATCOM	Dr. Sreekanth C, Asso. Professor, Dept ofEEE
6	01220/SPS64/2019/KSCSTE	Multi Objective Optimal Sizing of Hybrid Energy System of Electric Vehicles	Mr.Vipinnath S, Asst. Professor, Dept of EEE
7	01201/SPS64/2019/KSCSTE	Non destructive type Qualitative and Structural Analysis of Flexible pavement	Mr. Roshith K, Asst. Professor, Dept of EIE

External Recognition : 5 teams from CE VAdakara got selection to the final level of Reboot Kerala Hackathon competitions organized by the Govt. of Kerala in association with ASAP Kerala.

FDP Conducted:

Title	Dept	Date	Funding Source
Nanoelectronics and VLSI	ECE	05/08/2019 to 07/08/2019	TEQIP
Machine learning techniques and tools	CSE	24 to 26 July 2019	TEQIP
Circuits and Networks	EEE	23-25 July 2019	TEQIP

III Cell Activities

Conducted 14 workshop and 3 Expert talk Under III cell for students of various Departments.

Counseling Cell:

- More than 50 students were counselled/motivated for various reasons for this year.

Student council:

Activities	Date	Brief Description
Onam Celebration	6/9/2019	Onam celebration was the first event conducted by the union.
QL9 Logo Launch	9/10/2019	Quasso Liberum 9 th edition official logo was launched by the Principal K.R. Narayanan.
Santhwanam	16/10/19	On world food day, food was given to the students of the Buds School and also to those who lives in the streets, which was held by uniting with Kitchen 47
Union Inauguration	31/10/19	Union inauguration was held on October 31st. Famous poet Sreejith Ariyalloor inaugurated the event. Union members.
Saptak 19	31/10/19 1/11/19	Saptak 19 is the cultural fest of the College Of Engineering Vadakara. On behalf of the occasion various cultural events were conducted and an Inter College Western Dance competition was also held.
CPL Logo Launch	31/1/20	Official Logo of CPL was launched by Principal

QL9, Promo Video release.	19/2/20	Quasso Liberum 9 promo video was released by Principal.
QL9, Web Site Launch	28/2/20	Official website of QL 9 was launched by Calicut District Collector S. Sambasiva Rao.

Staff Club:

Activities	Date	Brief Description
Onam celebration	9-9-2019	Full day program with cultural activities and fiest
New year celebration	7-1-2020	Full day program with cultural activities and fiest

NPTEL Activities:

One hour per week is allotted in the timetable of 2nd and 3rd year students exclusively for NPTEL courses.

NSSactivities:

- Cleaning Flood Affected Homes: 12 August 2019: NSS volunteers have contributed in helping in cleaning the flood effected homes. Provided with essential commodities to those in the camps as well as in the remote areas during the time of flood.
- Rebuild Kerala Survey: 02 September 2019: As part of the Rebuild Kerala initiative, NSS volunteers participated in the process of conducting surveys in their respective areas.
- Visit to Vilangad Tribal Colony: 05 September 2019: As a part of flood relief activity the NSS volunteers have visited this area and distributed the essential commodities to the people in need.
- Nss Day Celebration: 24 September 2019: As part of the Golden jubilee of the NSS we have conducted programs in the MCA seminar hall were Mr.K.Muraleedaran (MLA) to inaugurate the programme.
- Blood Donation Camp: 24 September 2019: The camp was conducted as part of the NSS day and the camp was successful with the effort of all the NSS volunteers..
- Flood Volunteers meetup: 06 October 2019: The meetup was conducted at the Kozhikode collectorate for the volunteers who actively participated in the Relief material collection camp at the civil supply office Kozhikode during the flood affected period.
- Stem Cell Registration: 13 November 2019: The Stem cell registration camp was conducted by the DATHRI organization.
- Led Bulb Making Training: 09& 13 January 2020: NSS volunteers and Staffs were given Training on how to make the LED Bulb.
- SwagathaSangamam: 04 March 2020: A meeting was conducted with village personals as a part of conducting a blood donation camp on women's day at the Kurunthodi UP School.
- Invitation for International Women's Day Programme: 05, 06 March 2020: As part of the blood donation camp to be conducted on the women's day, NSS volunteers invited the people ofthe village as well as the staff to take part in the programme.
- I Got-Covid Online Training: 02 May 2020: NSS volunteers participated in the online awareness lecture programme conducted by the government as part of the corona virus.
- Webinar: The Science of Well Being: 20 May 2020: An Online Session was conducted by the psychologist Mr.Shahidpayyanur, on the topic the science of well-being.

Department Associationactivities:

Association Name	Activities	Date	Brief description
EC/EI Association	Workshop on Antenna Design using HFSS	13/02/2020& 14/02/2020	Resource Persons were Mr.Binesh K., Assistant Professor.College of Engineering Thalassery&Mr.RahulManohar O, Assistant Professor.Christ college of engineering Irinjalakuda

Association of Civil Engineering (ACE), NIRMITI	Expert talk	10-03-2020	Expert talk on Kerala Building Rules by Er. K Saleem
	BRAIN STORM	10-03-2020	Technical Quiz
	LOQUIMUR – Let’s Speak	10-03-2020	Group Discussion Competition
Association of CSE(ETHICS)	Association day celebration	Feb-25	Conducted a expert talk on the topic Trends in computational science, Resource person- Dr.R K Sunil Kumar, Director IT centre Kanur University
Association of IT:ELITE (Esoteric League of Info Tech Engineers)	Association Inauguration , Expert talk , Technical Events, Expo	25.02.2020	Expert talk on “Combinatorial Optimization”, by Dr.Sudheep K S Assistant Professor, NIT Calicut Technical Events: Code Debugging, Quiz, Web Designing, Hardware Expo
Association of EEE-CAFEE	Soft skill development	3-1-2020 and 4-1-2020	In association with Mackonicspvt ltd.

PTA:

Activities	Date
PTA General body meeting	19-10-2019
PTA Executive Committee meeting	12-02-2020

Alumni: The alumni association was formed in July 2005.

- Paid the annual fee for two financially backward students.
- The association has decided to construct an open air stage for the college. Construction plan was created and approved by the executive committee

Start-ups: Registered 3 start ups under IEDC cell of CEVadakara.

MoU: Department of EEE signed an MOU with “makonics Infinity Solutions Pvt. Ltd.”, Ernakulam

VI. RECEIPT & EXPENDITURE:

CAPITAL EXPENDITURE	
Land	0
Machinery, Tools & Equipment	3062
Computer & Accessories	66362
Furniture & Fixtures	0
Library Books	4015
Total	73439

Revenue Expense:

Revenue Receipts		Revenue Expenditures	
Particulars	Amount	Particulars	Amount
	2019-20		2019-20
Tuition Fees	37309800	Administrative Expenses	1305322

Special Fees	4017100	Salaries& Allowance	56170865
Admission Fees	94750	Electricity charge	988976
Application Fees	0	Others	460988
Other Receipts	230350		
TOTAL	41652000		58926151

Capital Income & Expenditure:

Capital Income: Nil

Capital Expenditure: Rs.73439

Other Income and Expenses if any: Nil

CONSOLIDATED R & D (2019-20)

Particlrns	Amount (Rupees)
Revenue Receipts	41652000
Revenue Expenditure	58926151
Revenue Surplus/Deficit	-17274151
Capital Receipts	0
Capital Expenditure	73439
Capital Surplus/Deficit	-73439
Net Surplus/ Deficit	17347590

VII. Unique Achievements during the current year

Ranks, New Projects, Awards, Patents - Nil

Publications:

- Shabana et al.,”Strength and Permeability Characteristics of Coir Fiber Reinforced Pervious concrete”, international journal of Current Engineering and Scientific Research(IJCESR) ISSN :2394-0697,Volume-6,Issue 1, 2019

VIII. CONCLUSION

The College of Engineering Vatakara, one of the leading institutions under CAPE is now a leading Technical Education in Malabar Area, considering the infrastructure, courses and the standard. Based on the Academic programmes and the co-curricular activities, this college have achieved a good reputation among the other Engineering colleges in Malabar area as a whole. The ISO Certification, NAAC Accreditation etc. are definitely a blessings to our college to have a high reputation among other such institutions.
