



COLLEGE OF ENGINEERING PERUMON

Under CAPE, Established by Govt. of Kerala

All B.Tech Programmes Accredited by National Board of Accreditation

INFORMATION BULLETIN

2024-2025



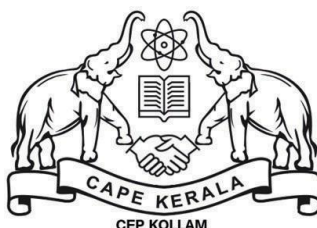
National Board of accreditation granted accreditation
for all B.Tech programmes of our institution

LEADING INSTITUTION IN KOLLAM

COLLEGE CODE : PRN

INFORMATION

BULLETIN 2024-2025



COLLEGE OF ENGINEERING PERUMON

(Under the Co-operative Academy of Professional Education, Estd. by Govt. of Kerala)

All B.Tech Programmes Accredited by National Board of Accreditation

PERINAD P.O., KOLLAM Dist.

Kerala State, India, Pin- 691601

Ph : 0474 - 2550500
Fax : 0474 - 2550400
web : www.perumonec.ac.in
E-mail ID : principal@perumonec.ac.in

Information Bulletin

Compiled by : Jasna.K(Asst. Professor ECE)

VISION

An institution of global stature to excel in technical education, research and development for moulding engineers to lead competitive professional environment.

MISSION

To mould quality engineers by providing them with fundamental knowledge, analytical skills, creativity, innovation, integrity and ethics to suit the needs of society.

To prepare engineers globally competent in technical and leadership skills to solve increasingly challenging technological problem for the betterment of the community.

CONTENTS

1	CO-OPERATIVE ACADEMY OF PROFESSIONAL EDUCATION (CAPE)	7
1.1.	College at a glance	8
1.1.1	Introduction.....	8
1.1.2	Location.....	8
1.1.3	Brief History	8
1.1.4	TEQIP II	9
1.1.5	NBA Accreditation	9
1.1.6	Our Achievements	9
2	PROSPECTUS	
2.1.	Mode of admission and eligibility conditions.	15
2.2.	College Development Council.	15
2.3.	Advisory System.	15
2.4.	Academic Software.....	16
2.5.	Students Council	16
2.6.	Fees.	17
2.7.	Discipline, Conduct and Behaviour	18
2.8.	Anti Ragging Committee.....	18
2.9.	Prohibitions.....	18
2.10.	Class Timings.	19
2.11.	Scholarships and Stipends.....	20
2.12.	Dress Code.....	19
2.13.	Identity Card.....	20
3	DEPARTMENTS AND LABORATORIES	
3.1.	Electronics and Communication Engineering Department.	20
3.2.	Electrical and Electronics Engineering Department.....	21
3.3.	Computer Science and Engineering Department.....	23
3.4.	Mechanical Engineering Department.....	23
4	OTHER FACILITIES	
4.1.	Central Library	24
4.2.	Computer and Internet Facilities	25
4.3.	Career Guidance and Placement Cell	25
4.3.1.	The Placement History.....	25
4.4.	Department Associations.....	26
4.4.1.	EARNEST	26
4.4.2.	ASCI	26
4.4.3.	DYUTHI.....	27
4.4.4.	TRAMS.	28
4.5.	Parent Teacher Association.....	28
4.6.	College Bus.....	29
4.6.1.	Bus Timings	29

4.7.	Women's Forum.....	32
4.8.	Co-operative Society.....	32
4.9.	National Service Scheme (NSS).....	32
4.10.	Chapters of Professional bodies	32
4.10.1.	Indian Society for Technical Education (ISTE).....	32
4.10.2.	IEEE Chapter.....	32
4.10.3	SAE	34
4.10.4	Computer Society of India	34
4.11	College Gymnasium	34
4.12	Advanced Skill Development Programme (ASAP).....	35
4.13	Skill and Knowledge Development Centre (SKDC)	34
4.14	NPTEL.....	35
4.15	NCC	36
4.16.	IEDC.....	37
4.17	Committees For The Academic year (2024-25)	38
5.	HISTORY OF ACADEMIC EXCELLANCE.....	41
6.	A P J ABDUL KALAM TECHNOLOGICAL UNIVERSITY ACADEMIC REGULATIONS FOR B. TECH, 2024SCHEME.....	43
7.	KTU ACADEMIC CALENDAR.....	50
8	STAFF MEMBERS	
8.1	Electronics and Communication Engineering Department	56
8.2	Computer Science and Engineering Department	56
8.3	Electrical and Electronics Engineering Department.....	57
8.4	Mechanical Engineering Department.....	57
8.5	Civil Engineering Department.....	58
8.6	Applied Science Department.....	58
8.7	Central Library Staff	59
8.8	Administrative Staff.....	59
8.9	OBUS Drivers.....	60
6	COLLEGES UNDER CAPE.....	60

1 CO-OPERATIVE ACADEMY OF PROFESSIONAL EDUCATION (CAPE)

The Co-operative Academy of Professional Education (Kerala) was formed to establish Educational Institutions in various professional fields to provide facilities for Education and Training. The Co-operative Academy of Professional Education is promoted by the Co-operation Department of the Government of Kerala and is an autonomous society under Government of Kerala. The Society is registered under the Travancore-Cochin Literary, Scientific and Charitable Societies Act, 1955 on the basis of the Memorandum of Association and the Rules as approved by the Government of Kerala.

The Ex-officio Chairman of the Society

Shri. Pinarayi Vijayan

The Hon'ble Chief Minister of Kerala.

The Ex-officio Vice Chairman of the Society.

Shri. V.N. Vasavan

Hon'ble Minister for Co-operation & Registration.

Chairman of the Board of Governors.

Dr. Thajudin Ahamed V I.

Director, CAPE

Dr. S. Jayakumar

Joint Director, CAPE

The members of the Society includes, amongst others, the Secretary to Government (Co-operation), Director of Technical Education, Director of Medical Education, Registrar of Co-operative Societies, Presidents of Kerala State and District Co-operative Banks, eminent experts in Technical and Medical Education and industrialists. The governance of the CAPE is vested with as even member Executive Committee headed by the Hon'ble Minister for Co-operation, Khadi and Village Industries.

The establishment of our first institution was in the year 1999-2000 followed by five Engineering colleges and a Medical college in 2000-2001. The first institution started was College of Engineering, Vadakara (Formerly Co-operative Institute of Technology Vadakara), the others were College of Engineering Perumon, College of Engineering Trikaripur, College of Engineering Thalassery, College of Engineering Kidangoor, Cochin Medical College (Formerly Co-operative Medical College Kochi). These Engineering colleges are affiliated to the Kerala Technological University (KTU). The College of Engineering & Management Punnappra was started during the academic year 2008 at Punnappra in Alleppey district which is affiliated to Kerala Technological University.

As per the G.O(MS) No.488/2013/ H & FWD dated 17-12-2013, the Government of Kerala took over the possession of Cochin Medical College, Kochi and brought it under the control of DME.

Professionally executed, all the Engineering Colleges are fully established with sprawling campuses of over 25 acres, well equipped labs and workshop, well stocked library, highly qualified and experienced faculty, career guidance and placement cell and transport facilities.

The over whelming public response to its educational mission has inspired CAPE to present to the community its business school, the Institute of Management and Technology (IMT) at Punnappra which is affiliated to Kerala University. The first batch of MBA students were admitted during the academic year 2009-2010. The CAPE finishing school, Kerala Institute of Making the Best (KIMB) also started at Punnappra which is going to be the best finishing school in Kerala.

A number of projects and activities were implemented during 2010-2011. Sagara Hospital at Punnapra which is envisaged as the Satellite Hospital to the CMC, Kochi was inaugurated during 2010 by the then Honorable Chief Minister of Kerala. College of Engineering Pathanapuram started in the year 2011, College of Engineering Aranmula in 2014 and College of Engineering Muttathara in Thiruvananthapuram city started in 2016. The Inauguration ceremony of College of Engineering Muttathara was done by the then Hon'ble Chief Minister of Kerala, Shri. Oommen Chandy on 16.02.2016. Recently CAPE has started new Polytechnic and Nursing Colleges to maneuver with diverse technologies for moulding students in the competent world.

Excellence is the watch word in all our endeavors and our staff and students strive for attaining it through hard work, perseverance and dedication.

Official Website of CAPE: www.capekerala.org or www.capekerala.com

1.1 COLLEGE AT A GLANCE

1.1.1 Introduction

College of Engineering Perumon, Kollam is one of the Government sponsored self-financing engineering colleges managed by the Co-operative Academy of Professional Education Kerala (CAPE Kerala) Society which was established by the Govt. of Kerala. Started in the academic year 2000-2001, the college now offers the following UG and PG courses in various discipline.

A. Four Year B.Tech UG courses in

1. Electronics and Communication Engineering (120Seats)
2. Electrical and Electronics Engineering (60Seats)
3. Computer Science and Engineering (120Seats)
4. Mechanical Engineering(60Seats)
5. B.Tech in Mechanical Engineering for working Professionals (30Seats)
6. B.Tech in Electrical and Electronics Engineering for working Professionals(30Seats)
- 7.Artificial Intelligence and Data Science(30 Seats)
- 8.Electronics and Computer Engineering(30 Seats)

The college is affiliated to the Kerala Technological University (KTU) and is approved by the All India Council for Technical Education (AICTE), Delhi. It is under the administrative control of CAPE Kerala. Prof. (Dr.) F.V. Albin was the first Principal, followed by Prof. (Dr.) K.S.Ramakrishnan, followed by Prof. (Dr.) Shaji Senadhipan and Prof (Dr). Z.A. Zoya, followed by Prof. (Dr.) Bindu S. J. The present Principal is Prof. (Dr.) Rajeesh J.

1.1.2. Location

The college is located in a vast area on the banks of Ashtamudi lake with a picturesque and serene ambience place at Perumon, in Panayam Panchayath in Kollam District. The college is about 12 km from the K.S.R.T.C Kollam bus stand and 13 km from the Kollam Railway junction. The nearest airport is Trivandrum international air-port, about 78 km from the college.

1.1.3. Brief History

This college was established on 25 acres of the land donated by the Govt.of Kerala. The foundation stone was laid in 2000 by Sri. E.K.Nayanar, then Chief Minister of Kerala. Initially the college was functioning in temporary buildings at Kundara. Within two years, construction

of the buildings was completed and regular work was shifted to the present campus. The former Minister for Co-operation, Sri.M.V.Raghavan inaugurated the college buildings in Feb, 2004. The buildings now have total built up area of about 13500 sqm. About 1400 students and 120 staff are there in the roll now.

1.1.4 TEQIP - Phase II

Technical Education Quality Improvement Programme (TEQIP) was envisaged in 2003 as a long-term programme of about 10-12 years duration to be implemented in 3 phases for transformation of the Technical Education system.

The first phase of TEQIP commenced in March 2003 and ended in March 2009, covering 127 institutions (in 13 states), in which 5 institutions were from our state. To continue the development activities initiated through TEQIP-I, a sequel project is planned as TEQIP-II. The project duration was for four years.

Our college has been selected for the implementation of the Technical Education quality Improvement Programme (TEQIP - Phase II), a centrally sponsored scheme under the MHRD, Govt. of India. A grant-in-aid to a maximum of 10 crores were granted to this institute to implement this programme which spans over 2011-15 for strengthening the institution to improve the quality of the educational outcomes. The grant is born by the central and state Governments in the proportion 3:1.

The project was focus on the following objectives :

- ◆ Strengthening institutions to produce high quality Engineers for better employability,
- ◆ Scaling-up Postgraduate Education and demand - driven Research & Development and Innovation.
- ◆ Establishing Centers of Excellence for focused applicable research
- ◆ Training of faculty for effective Teaching, and
- ◆ Enhancing Institutional and System Management effectiveness.

1.1.5 NBA Accreditation

The National Board of Accreditation (NBA) has given accreditation for the all B.Tech programmes of our institute which is a tremendous achievement among engineering colleges of our state. The purpose of the accreditation by NBA is to promote and recognize excellence in technical education in colleges and universities.

The purpose of the accreditation by NBA is to promote and recognize excellence in technical education in colleges and universities—at both the undergraduate and postgraduate levels. Institutions, students, employers, and the public at large all benefit from the external verification of quality provided through the NBA accreditation process. They also benefit from the process of continuous quality improvement that is encouraged by the NBA's developmental approach to promote excellence in technical education.

The National Board of Accreditation (NBA), India was initially established by AICTE (All India Council of Technical Education) under section 10(u) of AICTE act, in the year 1994, for periodic evaluations of technical institutions & programs basis according to specified norms and standards as recommended by AICTE council. In 2014 it was granted a full membership status in the Washington Accord. The University Grants Commission (UGC) provides financial assistance to eligible colleges which are included under Section 2(f)* of UGC Act, 1956 as per approved pattern of assistance under various schemes.

The National Board of Accreditation (NBA) is the Apex body constituted for quality assurance of technical institutions of India. The NBA is equally concerned with assessing and assuring the quality of various constituent elements of the technical institutions, such as academic ambience, teaching learning process, students' performance, infrastructure, financial resources,

physical resources, human resources, placements, supporting systems like library resources, computational resources and avenues to develop the students' personality and learning capacities.

Benefits to institution:

Accreditation is market-driven and has an international focus. It assesses the characteristics of an Institution and its programmes against a set of criteria established by National Board of Accreditation. NBA's key objective is to contribute to the significant improvement of the Institutions involved in the accreditation process. Accreditation process quantifies the strengths, weaknesses in the processes adopted by the Institution and provides directions and opportunities for future growth.

Benefits to Employers:

Accreditation assures prospective employers that students come from a programme where the content and quality have been evaluated, satisfying established standards. It also signifies that the students passing out have acquired competence based on well established technical inputs.

Benefits to Public :

Accredited status represents the commitment of the programme and the Institution to quality and continuous improvement.

1.1.6 Our Achievements

Our college is said to flourish when the faculty and students produce outputs that are visible. We honor the achievements, who have excelled in their attempt and we are extremely proud of their success. We create learning and working environments that encourage you to reach your potential and discover your unique purpose.

- ◆ NBA Accredited status (2018-25) - B.Tech Electrical & Electronics Engineering AND
- ◆ Tech Electronics & Communication Engineering.
- ◆ NBA Accredited status (2023-26) - B.Tech Computer Science and Engineering AND B.Tech Mechanical Engineering
- ◆ NBA Accredited status(2018-25) - B.Tech Electrical & Electronics Engineering AND B.Tech Electronics & Communication Engineering.
- ◆ NCC Naval unit introduced the year 2020. We are one among the three pioneer Engineering colleges with the unit in the state. Prof. Ajith Aloysius, Faculty in ECE department - commissioned as Sub Lieutenant in NCC Navy, Associate NCC Officer.
- ◆ EEE Department under AICTE Training and Learning (ATAL) Academy has been successfully completed.
- ◆ Startup launched: 'VOXPOU' under Innovation and Entrepreneurship Development Centre (IEDC), CE Perumon.
- ◆ Ansaif Salim of CSE is detailed for Over Seas Deployment Camp, one of the prestigious camps in NCC Navy. He is the one among the 10 cadets all over India for this camp. He will be visiting four countries as part of the camp from 12th September to 21st August 2023.
- ◆ May 2023 to 12 May 2023: Vidyuth 6.0 in association with technical festival Advika 2024 was organized by Dyuthi, student association of Department of Electrical & Electronics Engineering from 11/05/2023 to 12/05/2023. Experts sessions, workshops, project expo, technical events and exhibitions from KEL, KSEB etc. were conducted.

- ◆ 01 March 2024: Association day 'DYUTHI 2024' is organized by student association of Department of Electrical and Electronics Engineering on 01/03/2024. Dr. Imthias Ahammed T P, Professor, Centre for AI, TKM College of Engineering delivered a technical talk on 'Teaching and learning in the times of regenerative AI' as part of Association Day.
- ◆ 01 March 2024: Department of Electrical and Electronics Engineering released VIIIth volume of 'Abstract Book' on 01/03/2024 by Dr. Imthias Ahammed T P, Professor, Centre for AI, TKM College of Engineering.
- ◆ 04 December 2023: A Workshop on 'Report Writing: LaTeX Software' was organized for S7 EEE students by Dyuthi, student association of Department of Electrical and Electronics Engineering on 04/12/2023. The session was handled by Mr. Jijo Balakrishnan, Assistant Professor, Department of Electrical and Electronics Engineering, College of Engineering and Management Punnappra.
- ◆ 06 May 2023: Department of Electrical and Electronics Engineering released VIIth volume of 'Abstract Book' on 06/05/2023 by Mr. Jeeva, Digital content creator and anchor.
- ◆ 06 May 2023: An expert session is organized on 'Introduction to Automation' for all students by Dyuthi, student association of Department of Electrical and Electronics Engineering on 06/05/2023. The session was handled by Mr. Suresh Haridas, Engineer at ICAR.
- ◆ 06 May 2023: A workshop is organized on 'Electrical BIM' for all students by Dyuthi, student association of Department of Electrical and Electronics Engineering on 06/05/2023. The session was handled by Mr. Sajin, ARCITE Educational Solutions.
- ◆ ECE Students Amitha Madhu, Aiswarya KR, Gouri Suders are selected for content writers of IEEE Education Society Kerala Chapter.
- ◆ Anakha S ,ECE is selected as Student Representative IEEE IA/IE/PELS Jt. Chapter Kerala.
- ◆ 05 May 2023 to 07/05/2023: Vidyuth 5.0 in association with technical festival Advika 2023 was organized by Dyuthi, student association of Department of Electrical & Electronics Engineering from 05/05/2023 to 07/05/2023. Expert's sessions, workshops, project expo, etc.
- ◆ Faculties of Computer Science Department handled talk sessions on various innovative topics, organized by Computer Society of India SB on August 2023.
- ◆ An Online International Conference on "Intelligent Technologies in Computer and Engineering Science" was organized by Computer Science Department from 15th to 16th June 2023.
- ◆ CRACK-A-THON' GROUP-CODING-COMPETITION' Crack-a-thon', a group coding competition for 2nd and 3rd year CS students was held as part of the formal inauguration of the coding club of CEP in association with ASCI under the guidance of Prof. Sujarani,
- ◆ coordinated by Shyno Alexander, Vandana V and Viswajith P Son 27th March 2023.
- ◆ Prof. Anoop S. of CSE was awarded Ph.D., from Noorul Islam Centre for Higher Education for the Thesis titled "Design and Development of Secure Energy Efficient Offloading Framework in Mobile Cloud Computing" under the area of Cloud Computing on 24th March 2023.
- ◆ CSI SB CEP conducted a seminar on 'GITAND GITHUB' to give an introduction and idea about GITHUB. It was handled by S Pranav (Publicity Head CSI SB CEP) and coordinated by Gregory and Saanika of S5 CSEB on 18th February 2023.
- ◆ Prof. Sujarani M. S. and three students of Computer Science Department attended Professional Students Summit 2023, Govt. of Kerala initiative organized by ASAP Kerala under Higher Educational Department at Adlux International Convention Centre, Karukutty,Angamaly on February 11, 2023.
- ◆ A talk session on 'Taking change of your life and career: developing own success matrices'

was led by Vipin Gopal, South L&D Leader and Manager Academic Excellence. About 88 students participated in this event.

- ◆ FDPs attended by faculty members of CSE is 10.
- ◆ Prof. Varun Chand of CSE was awarded Ph.D from Vellore Institute of Technology for the Thesis titled “An Intelligent Driving Assistance System Using Image Processing and Machine Learning Techniques” under the area of Intelligent Transportation Systems on 6th October 2022.
- ◆ Sreehari Ramanujan, Devika G and Divyasree D of CSE participated in Ek Bharat Shreshth Bharat National camp held on August 2023 and acquired B-Certificate and C-Certificate. Abhirami J of CSE acquired B-Certificate.
- ◆ Sreehari Ramanujan from S6 CS B won the District Level evaluation of K-DISC YIP4.0.
- ◆ Prof. Ratheesh S. of CSE honoured by Joy Alukkas Foundation for the significant contributions to preserve nature and earth on World Environment Day and it is received from former Mayor of Kollam and chairperson of town planning standing committee Smt.Honey Benjamin.
- ◆ S. Pranav of CSE 2019-2023 batch got selected to represent KTU in the All India Inter University Shooting Competition held at Meerut. He represented the KTU shooting team for the third time.
- ◆ Abhiram S Ajay, from S6 ME has been selected as one of the District Level winners of evaluation of Young Innovators Programme,YIP 4.0.
- ◆ Aathira Krishnan, student of S6 ME was part of college team, which secures 1st prize for eastern group dance in SAGA-23 CAPE Arts Fest on 05/05/2023
- ◆ Vaishnav, student of S6 ME was part of college team, which secured 3rd prize for Malayalam Drama in SAGA-23 CAPE Arts Fest on 05/05/2023.
- ◆ Vaishnav, student of S6 ME, has secured 1st prize for Debate competition in SAGA-23 CAPE Arts Fest on 05/05/2023.
- ◆ Nikhilesh, Vinayak, Akhil Udayan, Nanda Kishore, Manaf ,Sreevinayak, Niranjanan, Rajaneesh students of S6 ME has participated in KTU athletic meet held at Chandrashekar Nair Stadium, Trivandrum during April 2023.
- ◆ Vaishnav of S6 ME has attended National Integration Camp from March 4 to March 10 2023 held at Mary Matha Arts and Science College,Wayanad. Nominated as the best cultural Performer
- ◆ Govind Suresh, student of S6 ME was a member of University cricket team which participated in south zone Inter University cricket tournament organized by Reva University, Bangalore from 24th February to 1st March 2023.
- ◆ Sreevinayak, student of S6 ME was a member of University Handball team which participated in south zone Inter University handball tournament organized by Periyar University , Salem from 3rd to 5th February 2023.
- ◆ Students of S6 ME has participated in KTU B Zone Cricket Tournament held at Asramam maidan, Kollam on 4 January 2023.
- ◆ Students of ME has participated in KTU B Zone Tug of war competition held at Asramam maidan, Kollam on 4 January 2023.
- ◆ Amar Krishna, Student of S6 ME has represented and leaded 18 member State Team for All India Sea Training Camp held at Mumbai (16 December 2022 to 25 December 2022) and has received badges from Flag Officer Commanding Western Naval Fleet.
- ◆ Bharath, Student of S4 ME has secured 2nd prize in Interzone Karate Championship held on 21st December 2022.
- ◆ Students of ME were members of the team which secured 3rd position in All Kerala KTU

Handball Tournament held at Ernad Knowledge City, Malappuram on 5th December 2022.

- ◆ Sanitary Pad Vending Machine jointly Developed by IEDC & Department of Mechanical Engineering installed in CEP.
- ◆ Cadets V VISHNU HARI & NITHIN THOMAS From 2020-2021 Batch have Joined Indian Navy. Cadets ANANDHU B KRISHNA & ROHITH SHIBU from 2021-2022 Batch have Joined Indian Navy & Indian Air force, respectively.
- ◆ Overseas Deployment Camp (OSD):
SCC ANSAF SALIM Has taken CEP NCC to an International Level by Attending OSD, He got the Opportunity to Join the Indian Navy Team and to visit Malaysia, Indonesia, Thailand, and Singapore as Part of Naval Officers Training Programme.
- ◆ 2 Cadets POC DT SRAYAS SREEKANTH & NC I NANDU SATHEESAN From 2020-21 batch of CEP NCC attended the ADVANCED LEADERSHIP CAMP Held at Coimbatore. This annual camps that focus on developing leadership skills, personality, and preparing cadets for induction into the Indian Armed Forces.
- ◆ 3 Cadets SCC ANSAF SALIM, POC DT AKSHAY RAJ From Batch 2021-24 & POC DT NIKHILESH SR of 2020-23 batch attended the TREKKING CAMP Held at Belgavi (Karnataka) and kulamavu (Kerala). Trekking camps to help develop qualities like adventure, self-confidence, and endurance in its cadets.
- ◆ 3 Cadets CC AMAR KRISHNA, POC DT SRAYAS SREEKANTH, LCDT ANANDU A R From 2020-23 batch And 4 cadets SCC ANSAF SALIM, POC DT AKSHAY RAJ, POC DT ABIN CR, POC DT ASNA MUHAMMAD from 2021-24 Batch attended the MENU CAMP.
- ◆ 6 Cadets from 2020-23 Batch CC AMAR KRISHNA, POC DT SRAYAS SREEKANTH, POC DT NIKHILESH SR, POC DT DIVYASREE, LCDT ANANDU AR, NC I DEVIKA G attended the DAY AT SEA IN INS MAGAR at Kochi.
- ◆ 12 Cadets CC VASUDEV G, POC DT SRAYAS SREEKANTH, POC DT DIVYASREE, LCDT ANANDU AR, LCDT NANDAKISHORE G, LCDT ATHIRA KRISHNAN, NCI ABHIRAM AJAY, NCI ANILA, NC I NANDU SATHEESAN, NC I JITHIN CHACKO, NC I JINO THOMAS, NC I ASWATHYNANDAN From 2020-23 & 2021-24 Attended the Ek Bharat Shreshtha Bharat (EBSB).
- ◆ 2 SW Cadets POC DT DIVYASREE & LCDT ABHIRAMI J of 2020-23 batch attended the INA ATTACHMENT CAMP at INDIAN NAVAL ACADEMY, EZHIMALA.

NOTABLE ACHIEVEMENTS OF OUR CADETS OF 2022-26 BATCH....

- ◆ LCDT M P ACHUTHAN Have made us all proud by attending REPUBLIC DAY CAMP 2024, Delhi and got Selected in All INDIA GUARD Contingent. He also got the Opportunity to meet Prominent Persons including Indian President, Vice-President, Defence Minister and Chiefs of Army, Navy and Air force. And he was also part of the team welcomed to visit Residence of Indian Vice-President and Indian Navy Chief.
- ◆ Cadets of Our Institution POC DT CHITHRA S, LCDT JOSHUA SUBI MATHEW & LCDT RISHON J Represented K&L Directorate in ALL INDIA YATCHING REGETTA Competition held at INS Chilika, Odisha.
- ◆ Cadets of 2022-25 batch selected for INTER GROUP COMPETITION (IGC) CAMP For RDC 2024 & 1 Cadet attended the REPUBLIC DAY CAMP 2024 (RDC) AT NEW DELHI.
- ◆ PRE-IGC I :- LCDT M P ACHUTHAN, NC I HIMA B
- ◆ PRE-IGC II :- POC DT ABHIJITH KRISHNA T R, LCDT M P ACHUTHAN, NC I HIMA B
- ◆ PRE-IGC III :- LCDT M P ACHUTHAN, NC I HIMA B, LCDT VISHNU THILAKAN, NC I ADHEELA S
- ◆ IGC :- LCDT M P ACHUTHAN, NC I HIMA B, LCDT VISHNU THILAKAN, NC I ADHEELA S

- ◆ PRE-RDC 1 :- LCDT M P ACHUTHAN.
- ◆ PRE-RDC II :-LCDT M P ACHUTHAN
- ◆ PRE- RDC III :-LCDT M P ACHUTHAN
- ◆ RDC 2024 :-LCDT M P ACHUTHAN.
- ◆ 2 Cadets of our Institution POCDT ABHIJITH KRISHNA TR & POCDT CHINMAI PRADEEP Attended the SPECIAL NATIONAL INTEGRATION CAMP Held At Telangana and Jammu and Kashmir respectively.. The SNIC aims to help cadets understand and appreciate the rich heritage of cultures that unite India despite its diverse languages, traditions, and religions.
- ◆ 2 Cadets NC I HRIDAI S L & NC I MUKHIL S From 2022-25 batch attended the Ek Bharat Shreshtha Bharat (EBSB) Held at Kottayam and Gujarat respectively.
- ◆ 2 cadets NC I JYOTHISH OB & NC I ANANDU J Of 2022-25 batch attended the TREKKING CAMP Held at Belgavi (Karnataka).
- ◆ NC I AISWARYA J & NC I JYOTHISH OB Of 2022-25 batch attended the MENU CAMP 2024.
- ◆ LCDT VISHNU THILAKAN & NC I ARUN KRISHNA R OF 2022-25 attended the SHIP ATTACHMENT At Mumbai and Kochi.
- ◆ LCDT M P PARTHASARATHY of 2022-25 batch attended the ADVANCED LEADERSHIP CAMP 5 (ALC) Held at Coimbatore.
- ◆ LCDT ALEESHA SHAMEER & NC I ASIF K From 2023-26 selected for NSC-IGC 2024 at INS VENDURUTHY, Kochi.
- ◆ NC I ARFAD A R of 2023-26 batch Cep Ncc Attended for INTER GROUP SPORTS SHOOTING COMPETITION (IGSSC) Held at pangod military station, Thiruvananthapuram.

SOME INSTITUTIONAL & NATIONAL LEVEL ACHIEVEMENTS.

- ◆ Secured 2nd Position in SD Category Inter Group Boat Pulling Competition Under 3k Naval Unit.
- ◆ State of the Art Boat Pulling Simulator Installed in our College During 2022-2023 Under Ministry of Defense.
- ◆ This is the 12th such lab installed all over India ,9 numbers in NCC units.one in Merchant navy institute Birla Mumbai.one in BM high school, Bhavanipatna, Odisha.
- ◆ Hosted ATC 1 2023 in our college with 627 cadets comprising JD, JW & SD, SW Cadets. Secured Overall 2nd Position in ATC Camp 2023 and organized Firing Simulator, Map Reading, Ship Modeling, Boat Pulling Simulator Training Activities.
- ◆ The Cadets have actively participated in Social Service Development
- ◆ Activities like Blood Donation, Tree Planting, Campus Cleaning, Community Works, Awareness Programmes, Cleaning Projects, Beach Cleaning etc.
- ◆ Jyothis J S of (2020-24) batch selected as a speaker at 1th Global Youth Peace fest GYPF 2023 organized jointly by YUVSATTA and National Youth Services Council NYSC under the Ministry of Sports & Youth, Government of Sri Lanka.
- ◆ Akash V. of 2020-2024 batch won First prize for 3 Level coding competition conducted by IEEE students Branch CE Perumon.
- ◆ 18 January 2024: Department of Electrical and Electronics Engineering signed a MoU with VTWT Industries 18/01/2024 for a period of five years for collaborative research activities.
- ◆ 15 June 2023 : An expert session on ‘Electromagnetic field theory: An overview’ by Dr.

Premlet B, professor (Rtd.) is organized for S4 EEE students on 15/06/2023.

- ◆ 12 April 2023: An expert session on 'Stability analysis of Control systems' by Mr. Nishad N, Assistant Professor, TKMCE organized for S6 EEE students on 12/04/2023.
- ◆ 06 May 2023: An expert session is organized on 'Introduction to Automation' for all students by Dyuthi, student association of Department of Electrical and Electronics Engineering on 06/05/2023. The session was handled by Mr. Suresh Haridas, Engineer at ICAR.
- ◆ 06 May 2023: A workshop is organized on 'Electrical BIM' for all students by Dyuthi, student association of Department of Electrical and Electronics Engineering on 06/05/2023. The session was handled by Mr. Sajin, ARCITE Educational Solutions.
- ◆ 05 May 2023 to 07/05/2023: Vidyuth 5.0 in association with technical festival Advika 2023 was organized by Dyuthi, student association of Department of Electrical & Electronics Engineering from 05/05/2023 to 07/05/2023. Experts sessions, workshops, project expo, technical events and exhibitions from KEL, KSEB etc. were conducted.
- ◆ Paper titled "ANN Based Dengue Mosquito Zap" presented by Bassalel Biju, Amaldev H., Mohammed Rezin, B. Sivaganga, Abdulla Navas (EEE 2020-24 batch) and Thaseeef H.R. (Assistant professor) won Best paper award in the Fifth National Conference on Future Technologies in Power Control and Communication Systems (NFTPCOS'24).
- ◆ Fathima. T participated in triple jump KTU interzone competition on March 2024
- ◆ Sooryadev participated in 100m running race KTU interzone competition on March 2024.
- ◆ Giza Genius participated in Badminton (Singles) KTU interzone competition on October 2023.
- ◆ Alvin Antony, Aysha Najeeb, Anugraha Prasad and Giza Genius successfully completed the NPTL course on Digital circuits.
- ◆ Department - department organized faculty development program on fusion 360 at the College of engineering Perumon from February 29 to march 2, 2024.
- ◆ Students- Amar Krishna ,s7 me student ,led a sea training camp in Mumbai.
- ◆ Vasudev s5 me student ,attended national camp for Ek Bharat Shreshth.
- ◆ Bharat and secured the best cadet award in the annual training camp2022.
- ◆ Vaishnav p s ,s7 me student ,attended the first ever KTU state energy cell camp ,was selected as the Kollam district energy cell coordinator and also attended the national integration camp.
- ◆ Sreevinayak a s ,s7 me student represented APJ KTU men's handball team for all india inter university handball tournament.
- ◆ Govind suresh ,s7 me student represented the KTU cricket team in the all india south zone in the inter university Cricket competition.
- ◆ Mechanical department association,'trams' celebrated association day on March 22 nd 2024.various programmes including expert talk have been conducted in connection with this.
- ◆ CSI SB CEP in association with ASCII and IEDC conducted a 24 hours Offline Hackathon, Hack with CEP" during 28th September 2023 to 30th September 2023.

Department of COMPUTER SCIENCE:

- ◆ Organized a typing challenge on 5th October 2023.
- ◆ Organized „BLENDER BOOTCAMP" led by Madhav R Unnithan of S3 CSE B during 6th October 2023 to 8th October 2023.
- ◆ Organized a web page inspect challenge on 7th October 2023 in association with MULEARN CEP. Adithyan B of S1 CSE became the winner and Alan Reji of S3 CSE became the third

prize winner.

- ◆ Organized a Cartoon Competition on 17th October 2023.
- ◆ Organized “GEEK OUT” - an input-output Quiz competition on 19th October 2023.
- ◆ Organized a vlogging competition and a code cleanup challenge on 20th October 2023.
- ◆ Organized a riddle competition, “Fiddle with Riddles” on 21st October 2023.
- ◆ Organized a powerpoint making competition, “PPTopia” on the topic, “AI in Finance” on 25th October 2023.
- ◆ Organized a caption creation contest, “SNAPSPECTRA” on 26th October 2023.
- ◆ Organized an Article writing competition, “WORDEDIA” on the topic, “Should we conserve mother earth or move in search of life outside our planet” on 27th October 2023.
- ◆ Organized a write-up competition, “WEBVOLUTION” on behalf of National Internet Day on 29th October 2023.
- ◆ Organized a designing competition, “BLEND IT” on 31st October 2023.
- ◆ Inauguration of CSI corner by Dr. K. S. Angel Viji, HOD CSE on 10th November 2023.
- ◆ Organized an Online Football Tournament, “GOALFIESTA” on 17th November 2023.
- ◆ Organized an Online Number System Conversion Event, “Rapid Radix Run” on 18th November 2023.
- ◆ Organized a Meme Creation Competition on the topic, “Generative AI” on 20th November 2023.
- ◆ Organized a guessing competition, “GUESSTIMATE” on 21st November 2023.
- ◆ Organized a tech reel creation competition, “REEL IT” on 22nd November 2023.
- ◆ Organized a design competition on the theme, “TELEVISION” on 24th November 2023.
- ◆ Organized a Web Page designing Competition on 25th November 2023.
- ◆ Organized an Online Situation Test, “SWIFTRESOLVE” and a Photo Editing Competition, “Picture Perfect” on the theme, “MATERIALISTIC” on 26th November 2023.
- ◆ Organized a Book Review Competition, “WORD WHIRL” on 30th November 2023.
- ◆ Organized an online aptitude test on 28th February 2024.
- ◆ Organized a talk session exclusively for final years on 29th July 2024.
- ◆ Organized a talk session, “Success Matrix” handled by previous students, Lydia Thomas, Associate Software Developer at SOTI, Kiran M., SDET at SOTI and Devagovind J., Solution Engineer at IBS Software on 16th August 2024.
- ◆ CSI SB CEP in association with ASCII and IEDC conducted a 24 hours Offline Hackathon, “Hack with CEP” during 28th September 2023 to 30th September 2023.
- ◆ Organized a quiz competition „INFERNO” on 6th October 2023.
- ◆ Newsletter-2023 was released by Shri. Mukund Thakur IAS, Honourable Sub Collector of Kollam on 27th November 2023. ASCII logo launch and inauguration was also done.
- ◆ Organized a nation-wide 24 hours hackathon, INCEPTO in association with IEDC CEP during 9th and 10th May 2024.
- ◆ A web development challenge, a blind typing competition, a code debugging challenge, a competitive programming, a debate competition, a stick model building competition, a reverse coding challenge and a crime investigation competition were organized as part of College Tech Fest during 11th and 12th may 2024.

2. PROSPECTUS

2.1. Mode of Admission and Eligibility Conditions

Out of the total seats available for ECE, EEE and ME 90% of seats are under the merit quota, 5% reserved for the ward of employees of Co-Operative sector and the remaining 5% are under the NRI quota. In CSE branch, 60% seats are under merit quota (regulated fee), 30% seats are under the merit quota (full fees), 5% reserved for the ward of employees of Co-Operative sector and there maintaining 5% are under the NRI quota. For all the categories of seats the various fees are fixed by the Govt. and for the state quota seats the fees fixed is same as that in Govt. Engineering Colleges / comparable to that in Govt. Engineering Colleges. To the state quota and the management quota the students are admitted by the Commissioner of Entrance Examinations (CEE) based on the rank obtained in the entrance test and observing all reservation norms as applicable to the Govt. Engineering Colleges. In the case of NRI seats the students are admitted based on the marks obtained in the qualifying examination. This college is the choice of top rank holders in the CEE. Eligibility for admission is as per the rules and regulations of the Commissioner of the Entrance Examinations, which are stipulated by the Govt. of Kerala, and as per the course regulations of the Kerala Technological University (KTU).

The applicant seeking admission to the course should be a professional/ employee working in Registered Industry / Organization (Central / State) / Private/ Public Limited Company/ MSMEs. In proof thereof, the applicant shall submit proof of employment from the Employer in the form of an Employment Certificate to be produced. The applicant should have been employed in the Registered Industry / Organization (Central / State) / Private/ Public Limited Company/ MSMEs for a minimum continuous period of ONE Year on Full time basis. In proof thereof the applicant shall submit proof of continuous employment and conduct from the Employer in the format attached to these guidelines of a Certificate to be produced. The applicant should have passed Diploma examination with at least 45% marks (40% marks in case of applicants belonging to reserved category) in ANY branch of Engineering / Technology. OR Passed B.Sc. Degree from a recognized University as defined by UGC, with at least 45% marks (40% marks in case of applicants belonging to reserved category) and passed 10+2 examination with Mathematics as a subject, provided that the applicants belonging to B.Sc stream shall clear the subjects Engineering Graphics/ Engineering Drawing and Engineering Mechanics of the First Year Engineering Programme along with the Second Year subjects. These subjects can be done as Audit courses. OR Passed D. Voc. Stream in the same or allied sector. Candidates should be qualified in the B. Tech Lateral entry exam 2024 conducted by the LBS center for science and technology. There shall be no age limit to apply for admission to the course.

2.2. College Development Council

The general administration of the college is by the Principal subject to the control of the Director, CAPE. The members of the college staff also participate in the general administrative work of the college as per the directions and under the supervision of the Principal. The College Development Council is the supporting body to the Principal in the general administration of the college and is empowered to consider the report on any matter concerning accommodation, courses of instruction, rules of discipline etc. referred to it by the Principal. However, the council shall not interfere in any manner with the general administration of the college, which is invested with the Principal. The College Development Council consists of the Principal as the chairman and the following staff as members.

1. All Heads of the Departments (ECE, EEE, CSE, ME, Applied Science, CE/Projects).
2. Senior-most faculty member next to the Head from the main engineering departments (ECE, EEE, CSE, & ME).
3. Staff member in charge of the College Union
4. Convenor of the Students Grievance Redressal Cell.
5. Administrative officer.
6. Secretary, PTA.
7. Representative from the non-teaching staff, other than the office staff.

2.3. Advisory System

A staff member will be assigned to each class of students as their Class Advisor. The Class Advisor will maintain a dossier of personal details of all the students under him/her and will guide the students in all curricular, co-curricular, and extra curricular activities during their entire course.

First year Co-ordinators

Name: Ms. Dr. UMA MOHAN- - Asst. Prof. (Civil)7907934926

Ms. SABNA MOHANAN - Asst. Prof. (Civil)9497338050

Class	Name of Class Advisor	Ph. No:
S1S2 CS-A	Prof. Sri. Muhammed Nizar B. K.	9747125560
	Prof. Dr. Anoop S.	9446747253
S1S2 CS-B	Prof. Dr. Varun Chand H.	9037939080
	Prof. Anish A. Aziz	9947808238
S1S2 EC	Prof. Tasneem Salam H.	9400185562
	Prof. Dinu A.G.	9495167631
S1S2 EE	Prof. Jasmi M.S.	9497361252
S1 AI&DS	Prof. Muhammed Azharudeen	9495550834
S1S2 ME	Prof.Syam kumar G	9497137744
	Prof.Deepu R J	9746007257

2.4. Academic Software

College uses an Academic Software for recording Academic Activities. The web portal id is www.cep.etlab.in. In addition to this portal, there is a mobile app for ease of use. Parents can monitor the academic data of their ward through the login username and password provided for them. The academic data includes attendance, internal marks, assignment marks, university marks etc. Parents shall contact respective class advisors for getting username and password, and also in case any difficulty in logging in the software. Teachers enter the attendance of students immediately after engaging a period. Also the marks of internal exams, assignments etc. are entered after evaluation, so that parents can view them through their login. From this semester onwards attendance, marks etc. Of students will be send as SMS to parents. Advised

2.5. Students Council

The college has a Student's Union, an elected body from the students with the office

bearers in various posts. Its objectives are

- ◆ To enable the students in effective delivering of duties, taking responsibilities and observing the rights of citizenship.
- ◆ To promote opportunities for the development of character, leadership, efficiency, knowledge and spirit of service among the students.
- ◆ To encourage sports, arts and other cultural, educational and recreational activities that are incidental and conducive to the above objectives.
- ◆ To work for the general welfare of the student community.
- ◆ The term of the council is generally for one year from the date from which it assumes office or till the date of declaration of the elections to the council in the subsequent year. The college also has sectional associations in each department.

2.6. Fees B.Tech

S/no	Items of fee	Merit Seat (Regulated fee) including SC/ST/OEC	Merit seat (Full fee/ Reserved seat)	NRI Quota	Non -KEAM
1	Admission fee (One time)	500	500	500	500
2	Tuition fees (Yearly)	40000	65000	100000	45000 and 65000 (for CSE branch)
3	Caution Deposit (One time)	5000	5000	5000	5000
4	Establishment Fee (Yearly)	2000	2000	2000	2000
5	College Special Fee (Lab & Library) (Yearly)	2000	2000	2000	2000
6	CAPE State Level Techno-cultural Fest (Yearly)	500	500	500	500
6	KTU Administrative fee (One time)	1050	1050	1050	1050
7	Students Activity Fund (Yearly)	1000	1000	1000	1000
8	UTY Affiliation fee (One time)	790	790	790	790
9	Arts & Sports-KTU (Yearly)	530	530	530	530
	Total	53,370	78,370	1,13,370	58,370 and 78,370(for CSE branch)

SINo	Items of fees	Merit(Regulated fee and Full fee)/NRI/ Non-KEAM	SC/ST/OEC
1	PTA Fund (one time)	6000	3000
2	Academic software	840	840
3	ID Card	300	300
4	Co operative Society (one time)	60	60
5	Career Guidance and Training fund (Yearly)	500	500
	TOTAL	7700	4700

2.7. Discipline, Conduct and Behaviour

- All students should follow the uniform dress code of the college inside the campus. Dress properly and neatly, befitting to an engineering student.(sec 2.12 for dress code)
- Behavior of the students, both within and outside the college premises should be decent and befitting to a professional institution.
- The student should move silently when proceeding from one class without disturbing classes at work.
- No student shall leave the class before the class is dispersed or without the permission of the teacher-in-charge of the class.
- Students are prohibited from organizing or attending meetings on the college campus, distributing notices and collecting money for any purpose without the prior permission of the Principal.
- Any student,
 - who is persistently insubordinate,
 - who is habitually irregular in attendance or inattentive to his work in the class
 - who is repeatedly or willfully mischievous, or obscene in word or act,
 - who is guilty of malpractice at examinations and
 - who indulges in movements which lead to communal ill feelings or enmity will be punished according to the recommendations of the college council.
- Students should observe strict silence in library and internet lab. They should not make any disturbance to others.
- Scribbling or etching on drawing boards, desks and writing on the wall are strictly prohibited.
- Students should not misplace articles, furniture or books in the classrooms, laboratories or library.
- Under any circumstance, no student or staff or outsider is permitted to enter the classroom while classes are going on, without the permission of the staff member concerned.

11. Any type of ragging, teasing, torturing, or misbehavior to any student is strictly prohibited. Legal actions will be taken against those students who are found guilty of ragging as per the pre-vailing laws and directions of Honourable Courts.

The code of conduct of students stipulated by the Kerala Technological University is given under the section 6.6.23.

2.8. Anti-Ragging Committee

Definition of Ragging

“Any disorderly conduct whether by words spoken or written or by an act which has effect of teasing, treating or handling with rudeness any other student, indulging in rowdism or indiscipline activities which causes or is likely to cause annoyance, hardship or psychological harm or to raise fear or apprehension thereof in a fresher or a junior student or asking the students to do any act or perform something which such student will not do in the ordinary course and which has the effect of causing or generating a scene of shame or embarrassment so as to adversely affect the physique or psyche of a fresher or junior student.”

An anti-ragging committee has been constituted in the college for preventing ragging on the campus, as per the orders of the Hon. Supreme Court vide order Slp(c) Nos-24296-24299/2004 dated 16-5-2007 and the subsequent guide lines issued by the University.

2.9. Prohibitions

1. Organizational politics in any form is banned on the campus subject to the orders of the Honorable High Court and the University guidelines.
Similarly, the following are also banned inside the campus.

2. Smoking,
3. use of alcohol and other intoxicant materials,
4. use of vehicles
5. use of plastics
6. use of mobile phone

2.10. Class Timings

Monday to Thursday:

1st Period	09.10 -	10.10 am
2nd Period	10.10 -	11.10 am
3rd Period	11.20 -	12.15 pm
Lunch Break	12.15 -	1.05 pm
4th Period	1.05 -	02.00 pm
5th Period	2.00 -	02.55pm
6th Period	03.05 -	04.00 pm

Friday:

1st Period	09.10 -	10.00 am
2nd Period	10.00 -	10.50 am
3rd Period	11.00 -	11.50 am
4th Period	11.50 -	12.40 pm

Lunch Break	12.40 - 02.10 pm
5th Period	02.10 - 03.05 pm
6th Period	03.05 - 04.00 pm

2.11. Scholarships and Stipends

The students belonging to SC/ST/OEC and SEBC category are eligible for fee concession/ stipend lumpsum grant etc. as per the norms stipulated by the Govt. of Kerala.

Types of Scholarships

- (i) MCM-Minority Cum Merit Scholarship
- (ii) Fisherman Scholarship
- (iii) Central Sector Scholarship
- (iv) Meritcum Means Scholarship
- (v) C.H.Muhammed Koya Scholarship
- (vi) AICTE Tuition Fee Waiver Scheme
- (vii) Stipend for SC/ ST candidate
- (viii) E.K.Nayanar CAPE Scholarship
- (ix) E-Grants
- (x) Pragati-Girls Students
- (xi) CRPF & Assam Rifles/RPF-PM Scholarship

2.12. Dress Code

All students must wear the uniform and identity card strictly. It is light blue color shirt with white stripes and black colour pants for boys. Girls are having light blue color shirt and black colour pants together with black overcoat. In workshop and machines laboratories they should wear dark blue overcoats and closed shoes. Chappals and other fashion foot wears are not allowed there.

2.13. Identity Card

An identity card with photograph will be issued to all students. Students should wear the same when they are on the campus and must produce the same for inspection.

3. DEPARTMENTS AND LABORATORIES

3.1. Electronics and Communication Engineering Department

Vision

To mould high quality promising and creative engineering professionals in the field of Electronics and communication for better living and the future of the global society.

Mission

- ◆ Create a unique learning environment to equip students excel in technical, personal and social life to emerge as a professional.
 - ◆ Establish a research and an innovative culture to suit the needs of the society.
- Department of Electronics & Communication Engineering, has over the years developed into a full fledged department. For exploring this fast developing engineering field, to the maximum extent possible, this department has taken all measures to make available the best facilities. One of the major strength of the department is highly qualified faculty (Two with PhD degree and nine are doing PhD). The various laboratories under this

department are listed below.

1. Electronic Circuits Lab.
2. Digital Electronics Lab.
3. Digital Signal Processing Lab.
4. Embedded System Lab.
5. Communication Lab.
6. Project Lab.
7. Electronics Workshop.

All the above laboratories are equipped with modern equipments required at the degree level. Department of Electronics & Communication has organized National Conference on emerging trends in Electronics and Communication Engineering, on March 22nd and 23rd, 2016 and National Symposium on Telecommunication Systems on February 20, 21 & 22, 2017. The Department organized faculty development program on Advanced Communication Technologies and Signal Processing on April 14 - 23, 2018.

Department of Electronics and Communication Engineering has organized a TEQIP Sponsored FDP on Mathematical Perspective towards Communication from 29th July to 1st August, 2019.

Department of Electronics and Communication Engineering has organized a KTU Sponsored 3 days FDP on Security Aspects in Communication System from 22th to 24th July, 2019. Department of Electronics and Communication Engineering has organized the 2nd National Conference on Emerging Trends in Electronics and Communication Engineering 2019(NACETEC'19) on 20 and 21st March 2019.

Department of ECE has conducted a FDP on 'IoT and Its Applications', sponsored by TEQIP-II from 21/02/19 to 23/02/19.

Department of Electronics and Communication Engineering has organized a faculty development Department of Electronics & Communication Engineering has organized a TEQIP II sponsored 6 day National level Online FDP on "Professional Ethics in current pandemic scenario" from 22nd to 27th February 2021.

Organized international online FDP on "Industry adaptation through advancement in electronic technology" on 9 to 15 February 2021.

Organized IEEE Sponsored International Conference on Innovations in Science and Technology for Sustainable Development 2022 on 25,26 August 2022.

Organized AICTE Training And Learning(ATAL) Blended/ Hybrid Faculty Development Program on "Concepts and applications of machine learning and deep learning for real world problems with hands on training using python" from 10th October to 21st October 2022.

Organized KTU sponsored Faculty Development Program on Recent Trends in Photonics from 22nd March 2023 to 24th March 2023. Department of ECE Organized International Conference on Emerging Trends in Electronics and Communication Engineering on 29&30 April 2024.

Conducted program on "Future trends in NEMS" from 10/01/19 to 15/01/2019 under TEQIP II four funds.

3.2. Electrical and Electronics Engineering Department

Vision

To be the innovative global leader in technical education and research by providing excellent education in Electrical and Electronics Engineering.

Mission

To produce high quality professionals in Electrical and Electronics Engineering who have serious concerns on engineering fundamentals technological advancements professional ethics and social value system.

Programme Educational Objectives (PEOs).

1. Our graduates will have sound foundation in Electrical and Electronics Engineering to analyze, identify and solve real time problems in engineering. They will also have effective communicative skills to address social issues.
2. Our graduates will work efficiently in a team, possessing leadership skills along with professional ethical attitude, and will serve the society in an environment friendly way.
3. Our graduates will become entrepreneurs; they will contribute to research in multidisciplinary areas and will resort to lifelong learning for sustainable developments. This is a well established department, and ever since its commencement, the students bagged top ranks in all university examinations. In order to train the students about the basic ideas of electricity and its technological developments, this department facilitates the following laboratories. This department facilitates the following laboratories to provide practical knowledge in the field of Electrical Engineering and its emerging areas.
 1. Power System and Power Electronics Simulation Lab.
 2. Micro processors and Micro controllers Lab
 3. Digital Electronics Lab.
 4. Project Lab
 5. Analog Electronics Lab.
 6. Electrical Machines Lab 1.
 7. Electrical Machines Lab 2.
 8. Power Electronics Lab.
 9. Circuits and Measurements Lab.
 10. Power Systems Lab.
 11. Control Systems Lab
 12. Electrical Engineering Workshop.
 13. E-Mobility Lab

The department houses laboratories with modern infrastructure. It includes equipment like latest measurement gadgets, process control set up with PLC, power quality analyser, advanced software facilities, different types of AC and DC machines. Staff development program and faculty development program, workshops, seminars etc are organized regularly. Department organises national conferences regularly.

E-Mobility lab: E-Mobility lab is established for electrical & electronics engineering department using AICTE Funded project under modernization and removal of obsolescence (MODROBS) during the academic year 2023-24.

E-mobility lab has various equipments useful for doing project work related to electric vehicles for final year students. E-mobility lab has purchased ANSYS Academic research EM software for Rs 8.5 lakhs and a programmable electric vehicle for experimentation purpose for Rs 5 lakhs

Department of Electrical and Electronics Engineering organized one week online FDP on Control of Robotic Systems: Research Trends and Challenges' from 05-02-2024 to 10-02-2024. Dr. K Kurien Issac, Senior Professor (Rtd.), IIST Trivandrum inaugurated FDP. Around 188 participants attended the FDP. The resource persons include Dr. Santhakumar Mohan, Professor, IIT Palakkad, Dr. Jisha V R, Professor and Dean (UG Studies), Mr. Nikhilesh Prasannakumar, Lead Embedded and Software Engineer, EyeRov Technologis Pvt. Ltd., Dr. Resmi R, Assistant Professor, TKM College of Engineering and Dr. Sudheer A P, Associate Professor, NIT Calicut.

- 5th National Conference on Future technologies in Power, Control and Communication Systems- Virtual mode (NFTPCOS'24)
- Totally 65 papers were presented in NFTPCOS'24. Selected papers were published in STM journals
- Totally 6 sessions were held and every session was given best paper award.

Department of Electrical and Electronics Engineering has organized a TEQIP II sponsored Five-Days Online Faculty Development Programme on "Modern Trends in Power Electronics " conducted from 8th to 12th March -2021.

Department of Electrical and Electronics Engineering organized a workshop on 'Electric Mobility: Storage and Management' on 14.12.2022. The session was inaugurated by Mr. Er. C M Varughese, CEO, Ever Green Energy Technology, Pvt. Ltd. Cochin. Sajitha Andrews, Specialist in Automotive Business Unit, Tata Elxsi, Mr. Hashim Ali, Lead software Engineer, Charge MoD, Trivandrum were handled the sessions. Around 50 participants were attended the sessions.

3.3. Computer Science and Engineering Department

Vision

To emerge as a department of global stature in the field of computer science education, research and development.

Mission

To equip graduates in the field of computer science with competent technical and analytical skills, innovative research capabilities and leadership potential. To instill graduates with integrity, discipline and ethics to work with commitment for the progress of the society This department is all set to keep pace with the latest developments in the field of computer science and engineering. It emphasizes on nurturing the potential of students and above all plays a vital role in carving out software and hardware intellectuals excelling in innovation, creativity, and quality. This department is well equipped with the following labs.

1. Programming Lab.
2. System Lab.
3. Research Lab 1
4. Programming Lab 2
5. Project Lab.
6. Network and OS Lab.
7. Hardware Lab.

Department of Computer Science and Engineering has organized KTU sponsored FDP on Emerging trends and developments in Biomedical Engineering from 9th to 14th August 2021.

3.4. Mechanical Engineering Department

Vision

Excel in mechanical engineering education and research for overall sustainable development.

Mission

- ◆ Impart quality education to nurture globally competent and socially responsible mechanical engineers.
- ◆ Foster research to address the technological needs that society faces.

The Department of Mechanical Engineering at College of Engineering Perumon was

established in the year 2011 offering B.Tech programme in Mechanical Engineering. With a right blend of theory and practice, this programme has well laid itself as a prominent option for students. The department has a team of well qualified and experienced faculty in all streams of mechanical engineering who always stride for imparting quality education. State-of-the-art laboratories in the department help to mould engineering graduates as per the curriculum requirements. The department is continuously striving to achieve excellence in mechanical engineering education and research with service to the society.

The laboratories under the Department of Mechanical Engineering are;

1. Machine Tools Lab I
2. Machine Tools Lab II
3. Thermal Engineering Lab I
4. Thermal Engineering Lab II
5. Fluid Mechanics & Hydraulic Machines Lab
6. Mechanical Engineering Lab
7. Computer Aided Design and Analysis Lab
8. Material Testing Lab
9. Mechanical Workshop
10. Civil Workshop
11. Project Lab and Garage

The major events organized by the Department of Mechanical Engineering are;

- ◆ Faculty Development Programme on Optimization Techniques, CE Perumon, August 31 – September 04, 2021.
- ◆ Faculty Development Programme on Advances in Heat Transfer and its Applications, CE Perumon, March 15 – 20, 2021.
- ◆ Faculty Development Programme on Soft Computing Techniques, CE Perumon, February 08 – 13, 2021.

4. OTHER FACILITIES

4.1. Central Library

Libraries are the backbone of any civilized society and heart of any academic institution. College of Engineering Perumon Central Library (CEPCL) has become one of the finest and best in class technical Library & Information Center among the nine prestigious engineering colleges established under the Co-operative Academy of Professional Education (CAPE) by the Government of Kerala.

The Central Library of our engineering college provides a quality of informative products and services to ensure LibQUAL service to the users of the academic community. It is functioning in the administrative block of the college. The carpet area of the college library is about

405.63 sq.m. Reading space is 162.74 sq.m. It is well equipped, well furnished, computerized and RFID enabled. It operates in three floors. Reference and Periodical sections are housed in ground floor. Stack room and various sections such as Book Bank literature, Reports, CD-ROMS and Digital library for e-journal access are functioning in the 1st floor. The Central Library of College of Engineering Perumon acquires a prominent place among the students and faculty.

The library has a collection of books of nearly 20,000 volumes of 8,572 titles and 53 printed journals. It includes a good collection of books and journals in the areas of Electronics, Computer science, Electrical and Mechanical Engineering and related fields including Science, Mathematics and Management. New titles are added from time to time in order to ensure that students are provided with updated study materials. The library also maintains around 2000 volumes of literature collection includes Malayalam and English books. Reference section includes many valuable reference materials and copies of the most essential general books which can also be borrowed on overnight issue basis. Our Reference section

also includes Dictionaries, Encyclopedias, and study materials for competitive exams such as GATE and IES. The library maintains a Book Bank collection, only for SC/ST students (3 books per student per semester) is functioning in the library. Library subscribes E-journal resources such as ASME, ASTM-D.L, ELSVIER- SCIENCE DIRECT, IEEE, J-GATE, MC GRAW-HILL & SPRINGER.

The Central Library is equipped with RFID based library security system for round the clock protection of library books. Our College Library stands to be the first Indian Library to have implemented RFID Systems of M/s Bibliotheca RFID Systems AG, Switzerland, who is a world leader integrated with KOHA, an open source Library Management System. In addition, Library provides digitized information services using the latest information product, Online Public Access Catalogue (OPAC) to its members in right time.

Books are classified according to Dewey Decimal Classification Scheme (DDC) and are catalogued according to Anglo American Cataloguing Rules II (AACR-II) with local variations.

4.2. Computer and Internet Facilities

Computer Center provides internet and intranet facilities to all users in the institute. For the network services, centre has the high end computational servers on which accounts are given to students, staff and faculty of the departments. College of Engineering Perumon has an fiber optic network over the whole campus routed and Managed by UTM appliances.

The college computing facilities are also used for conducting various online tests. Online journals like IEEE, Springer etc are available in the Computer Center. The Computer Center is open from 9.00 am to 4.00 pm on all working days and caters the needs of all staffs and students of the college.

The institute has a 24 x 7 Wi-Fi facility in the college campus for the students and faculty members to avail internet connection at any place in the college. It provides students the facilities of e-mail, net surfing, up/down loading of web based applications and helps them in preparing projects & seminars presentations.

Users of the computer centre enjoy vistas of information superhighway through 8 mbps Broadband connectivity provided by BSNL and 100MBPS leased line connectivity provided by National Knowledge Network via rail tel.

4.3 Career Guidance and Placement Cell

A placement cell is effectively functioning in this college. Leading multi national companies visit the college every year for recruitments. This cell undertakes various training and personality development programs in a regular fashion. The placement cell publishes the employment opportunities and makes available information about higher education.

4.3.1. Placement History

Students of this college have been placed in leading multi-national companies like TCS, INFOSYS, WIPRO, CTS, SATYAM, HCL, L&T INFOTECH, SIEMENS, HUAWEI, SYNTEL, CARITOR, CSC INDIA, TATAELXI, NEST, UST, IBS, SUNTEC, EARNEST & YOUNG, SUBEX, ACCENTURE, IBM, QBURST, TECH MAHINDRA, CERIUM, GADGEON, EXPERION, VVDN, ACCUBITS, ZOHO, SOTI, LITMUS7, KEY VALUE SYSTEMS, 6D TECHNOLOGIES etc.

The following are the placement

history: Year 2004-2005 : 54

Year 2005-2006 : 81

Year 2006-2007 : 82

Year 2007-2008 : 112

Year 2008-2009 : 86

Year 2009-2010 : 91

Year 2010-2011 : 27

Year 2011-2012 : 103

Year 2012-2013 : 50

Year 2013-2014 : 50

Year 2014-2015 : 70

Year 2015-2016 : 54

Year 2016-2017 : 31

Year 2017-2018 : 40

Year 2018-2019 : 87

Year 2019-2020 : 143

Year 2020-2021 : 126

Year 2021-2022 : 178

Year 2022-2023 : 142

Year 2023-2024 : 117

4.4. Department Associations

Four associations are functioning in the college under the various departments as below.

4.4.1. EARNEST

The Electronics and Communication Engineering Department Students Association named as EARNEST (Electronic Association Rendering Newly Emerging Scientific Thoughts) was formed with the intention of cultivating interest in science and technology among the students. It organizes various programs like technical seminars, paper presentations, personality development programs etc.

The association has conducted various programs right from the beginning of its journey. For the year 2014, the association has conducted various programs such as seminars, technical talks, quiz and so on. There is an immense support for these programs from the faculty side and from the student's part. We were able to bring up various technically and non-technically talented students through our ventures. We have conducted a seminar on the topic "Advanced Electronic World" which was conducted on behalf of EARNEST and was run by person from prestigious institutions.

We have conducted a Technical Expo "Open House 2016" on March 22-23, 2016. The Tech Fest ADVIB-18 was organized and conducted by the department association on 16th - 17th February, 2018. College radio was launched on 16th February, 2018. The Abstract Book 2K18 and Newsletter TRONANCE was released on 23rd February, 2018.

During the academic year 2020-21, six events were conducted namely Basics of Arduino, Cymatics- The Science of Visualizing Audio Frequency , Semiconductor Physics in Real-World , Webinar on KTU Programs, Webinar on SEO (Search Engine Optimization), Life

Experience Alumni Interaction - Anjitha Viswanath , ISRO.

Academic year 2022-23, Earnest inauguration was done on 13 th April 2023 by Er. Arun C, Assistant Engineer, KSEB.

4.4.2. ASCI

The Computer Science and Engineering Department Students Association. It organizes lectures, seminars and technical talks by distinguished personalities from various streams. On behalf of ASCI, College Of Engineering Perumon had organized a online workshop on Java. The workshop was handled by Premraj, S3 CSE. It was a two day workshop (7/11/ 2020-8/11/2020). Throughout the workshop several topics related to java has been covered where students finds it much useful. About 70+ students attended. The feedback about the workshop was excellent.

The meet up cum orientation session was conducted exclusively for the first year students of CS & IT depts. It was conducted on 18 oct 2019 at Main Block Seminar Hall, College of Engineering, Perumon. The event was organized under ASCI and Hack Club-India. It was hosted in association with the Local Hack Day under MLH.

The event started by 2.30 pm. The session was led by Abhinash Sivan, student of 4th year Computer Science Department, CEP. Participants were given an overall idea about IBM-Z and the specialities of IBM -Z series were discussed. The main goal behind the event was to make students aware of the opportunities before for them. Communities and other such clubs play a vital role in improving the skill set of students and often the new students don't realise the importance. Other main topics discussed were the internship opportunities for engineering students. Internships are part of the curriculum and good internships are hard to find. Students were given an idea on how to get good internships at tech giants. Also other student programmes like the campus ambassador programs and Microsoft Student Partners program were included. Cool swags from the MLH community were distributed to the participants and then by 4 pm the program was concluded.

4.4.3. DYUTHI

The student association of Electrical and Electronics Engineering 'DYUTHI' was established in the year 2005. Since its inception, Dyuthi has played the vital role of being the much needed bridge between the students and industry level research and development. Our goal is to organize social and professional activities which strengthen and enrich the community within the department and to develop leadership and initiative, and to inculcate a sense of responsibility among the members of the association. The Association organizes several events throughout the academic year like technical talks by guest speakers, quizzes, workshops and most importantly 'VIDYUTH', technical expo of Electrical & Electronics Engineering Department. Its annual publications include Newsletter, Journal, Technical magazine, Project book etc.

4.4.4. TRAMS

The Royal Association of Mechanical Engineering Students (TRAMS) was established in the year 2013. TRAMS is among the most active student bodies in the college. The objective is to organize various activities such as seminars, workshops, industrial visits,

technical contests etc for the benefits of students in mechanical engineering. The association help students to explore and sharpen their technical and creative skills through its activities. TRAMS organize a major event – Auto Expo regularly. TRAMS also take active role in the event, “ADVYAKA”

– The Tech Fest of College of Engineering Perumon.

4.5. Parent Teacher Association

Parent Teacher Association (PTA) is actively functioning in the college. The objectives of the association are:

- ❑ To work for the welfare of the students and the institution.
- ❑ To offer constructive suggestions on various issues for the smooth and successful functioning of the college.
- ❑ To promote better participation of the parents in the various programs of the college and to establish better liaison with the teacher.
- ❑ All parents/guardians of the students on the rolls of the college and staff members are the members of the association. It is compulsory for a parent/guardian of a student on the rolls of the college to be a member of PTA. The executive committee of the PTA consists of

1. President : Dr. Rajeesh .J (Principal)	9447150400
2. Vice President : Mr. Sarovaram Sreekumar	9388333328
3. Secretary : Mr. Sanoj R(Asst. Prof. CSE)	9446546127

Executive Members from Parents Side

1. Mr. Sarovaram Sreekumar	9388333328
2. Mr. Chandrabhanu B.	7356247171
3. Mrs. Sunitha Sunil	9910943328
4. Mr. Jagadeep S.	9744225799
5 Mr. George Thankachan R.	9846114040
6. Mr.Sreekantan I.	9447363363

Executive Members from Teacher’s Side

1. Mr. Sanoj R(Asst. Prof. CSE)	9446546127
2. Mrs. Dhanya M. (Asst. Prof., ECE)	9447013719
3. Mr. Suneer K.S. (Asst. Prof., ME)	9895872333
4. Dr. Uma Mohan (Asst. Prof., CIVIL)	9496332274
5. Mrs. Sujarani M.S. (Asst. Prof., CSE)	9495918218
6. Mr. Venu P. (TRADE INSTUCTOR GRADE II ECE)	9746917561

Non Teaching Member (As per the approval of the General Body)

1. Mr. Venu P. (Trade Instructor in ECE)	9746917561
--	------------

The PTA owns 8 college buses. The PTA plays a decisive role, as a supporting body, for the overall development of the college for ensuring smooth functioning of the college.

4.6. College Buses

At present seven buses, operated by the college PTA for the convenience of students and staffs. The service of college buses are controlled by a committee which include student members also. Any complaints regarding the bus operation can be reported to the bus committee. Students and staff who are using college buses should remit the bus fee every semester, calculated based on the working days of that semester. A bus pass will be issued based on the remittance of the bus fee for both students & staff and which should be kept with them while travelling by college bus. Rules are over leafed in the bus pass. The students and staffs who are using the college bus without bus pass will be punished. The decisions of the Principal will be final in this matter.

4.6.1. Bus Timings

1. KOTTARAKKARA

DRIVER NAME:SOORYAKANTHAN (PH.9947584278)

SL NO	POINT	TIME
1	KOTTARAKKARA	7.45 AM
2	CHANTHAMUKKU	7.55 AM
3	KOTTARAKKARA RAILWAY	8.00 AM

2.NEDUVATHOOR

DRIVER NAME:SREEKUMAR (PH.7902849289)

SL NO	POINT	TIME
1	NEDUVATHOOR	8.05 AM
2	AMBALATHUMKALA	8.10 AM
3	EZHUKONE	8.15 AM
4	PERUMPUZHA	8.20 AM
5	KERALAPURAAM	8.35 AM

3.CHEERANKAVU

DRIVER NAME:

SL NO	POINT	TIME
1	CHEERANKAVU	8.15 AM
2	AARUMURIKKADA	8.20 AM
3	KUNDARA PALLIMUKKU	8.22 AM
4	HOSPITAL JNC	8.25 AM
5	MUKKADA	8.28 AM
6	ELAMPALLUR	8.31 AM
7	CHERUMOODU	8.41 AM

4.KANNANALLOR

DRIVER NAME:SURESH SURENDRAN
(PH.9947341526)

SL NO	POINT	TIME
1	KANNANALLOR	7.50 AM
2	DECENT JN	8.00 AM
3	AYATHIL	8.05 AM
4	APSARA JN	8.10 AM
5	CHEMMANMUKKU	8.15 AM
6	ASRAAMAM	8.20 AM
7	HIGH SCHOOL JN	8.30 AM

5. PARAVOOR

DRIVER NAME:VIJAYAN V (PH.9020445657)

SL NO	POINT	TIME
1	PARAVOOR	7.40 AM
2	NEDUNGOLAM	7.50 AM
3	THIRUMUKKU	7.55 AM
4	UMAYANALLOR	8.20 AM
5	KARIKODE	8.30 AM
6	CHANDANATHOPE	8.35 AM

6. KARUNAGAPPALLY
DRIVER NAME: AJESH
(PH.9895405640)

SL NO	POINT	TIME
1	KARUNAGAPPALLY	7.40 AM
2	KUTTIVATTOM	7.50 AM
3	EDAPPALLYKOTTA	7.55 AM
4	SANGARAMANGALAM	8.00 AM
5	CHAVARA	8.05 AM
6	VETTUTHARA	8.10 AM
7	SAKTHIKULANGARA	8.15 AM
8	KAVANADU	8.20 AM

7. MADANNADA
DRIVER NAME:CHANDRA
BABU(PH.9895139101)

SL NO	POINT	TIME
1	MADANNADA	7.50 AM
2	POLAYATHODE	7.55 AM
3	COLLEGE JN.	8.00 AM
4	KOLLAM RAILWAY	8.05 AM
5	HIGH SCHOOL JN	8.10 AM
6	AMMACHIVEEDU	8.15 AM
7	ANCHUKALLUMOODU	8.20 AM
8	RAMANKULANGARA	8.30 AM

8.PARIPALLY

DRIVER NAME:

SL NO	POINT	TIME
1	PARIPALLY	7.40 AM
2	KALLUVATHUKKAL	7.50 AM
3	KARAMCODE	7.55 AM
4	CHATHANNOOR	8.00 AM
5	ITHIKKARA	8.05 AM
6	MYLAKADU	8.10 AM
7	KOTTIYAM	8.15 AM
8	PALATHARA	8.20 AM
9	SN PUBLIC SCHOOL	8.20 AM
10	KALLUMTHAZHAM (BYPASS VIA)	8.30 AM
11	MANGADU	8.35 AM

9. KOTTIYAM

DRIVER NAME:

SL NO	POINT	TIME
1	KOTTIYAM	8.00 AM
2	UMAYANALLOOR	8.05 AM
3	MEVAROM	8.10 AM
4	THATTAMALA	8.20 AM
5	PALLIMUKKU	8.25 AM
6	CHINNAKADA	8.30 AM
7	HIGH SCHOOL JUNCTION	8.35 AM

4.7. Women's Forum

The women's forum will also act as an independent body for co-ordinating various activities related to the overall welfare of the woman. The Committee members are:-

1. Smt. Rekha. T (EEE)
2. Smt. Smrithi. v (ECE)
3. Smt. Jaseera. A (CSE)

4.8. Co-operative Society

Co-operative Society, registered as per the Co-op Act, is functioning in the college with an objective to have a common forum for various welfare activities of the whole staff and students of the college. A store is functioning in full swing under the society, which cater the needs of the staff and the students in respect of all academic stationeries. A reprographic center is also functioning well under this society, attached to the store.

Board of Directors of the Co-operative Society

- | | |
|--|--------------------------------|
| 1. Dr. RAJEESH.J (Principal) | - President |
| 2. Mrs. Dhanya K (Asst. Prof., ECE) | - Vice President |
| 3. Mr. Venu P. (Trade Instructor in ECE) | - Secretary |
| The present committee member are | - Mrs.Anjana Sivan (Office) |
| | Mrs. Suja Rani M.S. (CSE) Mrs. |
| | Ajisha S. (EEE) |

4.9 National Service Scheme (NSS)

The National Service Scheme (NSS) has emerged as a powerful and dynamic youth movement in the country. The NSS acts as a catalyst to build up the right method of student leadership in an institution. The college has implemented the NSS. The main aim of the scheme is to provide various opportunities for the students to gain valuable practical experience of community service. The NSS helps in building personal development skills among students. Last year (2021-2022) our student Sneha represented APJKTU and participated in the Republic Day parade held at Kartavya Path, New Delhi. Another student, Kiran, has participated in the national youth festival (2021) as well as in a national integration camp held at Ramakrishna College of Arts and Science, Coimbatore, Tamil Nadu.

An Electoral Literacy Club is a platform to engage school students through interesting activities and hands-on experience to sensitise them on their electoral rights and familiarise them with the electoral process of registration and voting. Through ELC, Election Commission of India, aims at strengthening the culture of electoral participation among young and future voters. ELCs are present in Schools, Colleges and Rural Communities, our college is one among those institutions.

4.10 Chapters of Professional bodies

4.10.1 Indian Society for Technical Education (ISTE)

Indian Society for Technical Education (ISTE) is a premier national society for teachers and students of the technical education system. The major objective of the ISTE is to assist and contribute to the production and development of top quality professional engineers and technocrats needed by our nation. This college has institutional membership of this body. A student chapter of ISTE is also functioning well in the college. This chapter is conducting different training programs, seminars, talks, etc. which would enhance the professional knowledge of the students. These programs will aid the students to get equipped with technical excellence, innovation, leadership quality, organizational skills, sharp logic etc and to mould themselves into successful engineers. Mrs. Thasneem Salam, Asst. Prof. Dept. of Electronics & Communication Engg. is the staff in charge for ISTE chapter.

4.10.2 IEEE Chapter

The motto of the Institution of Electrical and Electronics Engineers (IEEE), USA is to create an awareness on the budding engineers on the latest technological innovations. The student chapter of IEEE is functioning well in the College.

4.10.3 SAE

SAEINDIA is India's leading resource for mobility technology. As an individual member-driven society of mobility practitioners the ownership of SAEINDIA wrests with its members who are Individuals from the mobility community, which includes Engineers Executives from Industry, Government Officials, Academics and Students SAEINDIA is a strategic alliance partner of SAE International registered in India as an Indian nonprofit engineering and scientific society dedicated to the advancement of mobility industry in India. The SAE chapter in the college is actively participating the events organized by SAEINDIA.

4.10.4 Computer Society of India

Computer Society of India (CSI) is the first and largest body of computer professionals in India. CSI is a non-profit organization and its members are committed to the advancement of theory and practice of Computer Engineering and Technology Systems.

The seed for the Computer Society of India (CSI) was first sown in the year 1965 with a handful of IT enthusiasts who were a computer user group and felt the need to organize their activities. They also wanted to share their knowledge and exchange ideas on what they felt was a fast emerging sector. Today the CSI takes pride in being the largest and most professionally managed association of and for IT professionals in India. The purposes of the Society are scientific and educational directed towards the advancement of the theory and practice of Computer Science & IT.

Computer Society of India (CSI) is the first, largest and most professionally managed association of and for IT professionals in India. CSI is a non-profit organization established in 1965 and its members are committed to the advancement of theory and practice of Computer Engineering and Technology Systems. The society celebrated its Golden Jubilee in 2015.

CSI Student Branch having institution membership ID M10741 is one of the active student branches of College of Engineering Perumon having more than 150 students as members. The CSI Student branch CEP aims for the benefit of every student of the college. The society will always work for the betterment of students along with the progress of College of Engineering Perumon to scale new heights. CSI members can benefit from participation in professional activities conducted by the CSI, receive publications of the CSI (CSI Communications, CSI Journal of Computing, CSI Transactions on ICT), and also grow and contribute by taking up leadership roles in total chapters and also at regional and national level. CSI student branch College of Engineering Perumon organize Webinars and Workshops Competitions and other Events. Students can participate in these events. And it is also a platform to showcase skills. Students from any branch of B.Tech course can take CSI membership

4.11 College Gymnasium

A healthy body keeps you dynamically fit and energizes you in all your academic and co-curricular activities. A gymnasium is functional inside the campus with adequate facilities.

4.12 ADVANCED SKILL DEVELOPMENT PROGRAMME (ASAP)

ASAP established Advanced Skill Development Centres (ASDC) through which ASAP offers courses equivalent to NSQF levels 6 and 7, as well as futuristic courses like Artificial Intelligence and Machine Learning, Cloud Computing, Robotics Process Automation, to name a few. Currently Artificial intelligence and machine learning course is being offered at 16 centres at engineering colleges across the state. College of Engineering Perumon is one among the 16 ASDC centres across the state. It has also been noted that the curriculum has helped a few students who are currently undergoing the training in getting placement in AIML. In addition to this, third year students are interested to register upcoming courses such as AIML 2020, GSuit etc. However, these course enrolment procedures are in waiting stage. Also, ASAP handled syllabus oriented online classes for all Engineering college students through online facility.

4.13 SKILL AND KNOWLEDGE DEVELOPMENT CENTRE (SKDC)

Kerala Knowledge Economy Mission aims at transforming the state of Kerala into a knowledge society which will produce, consume, and transact knowledge for its own social and economic development. With the aim to become the skill and knowledge development centre of Kerala, CAPE rebooted its finishing school (KIMB) and established the Skill and Knowledge Development Centre (SKDC) with its central office at Punnapra, Alappuzha. The state level inauguration of Skill and Knowledge Development Centre (SKDC) was held at College of Engineering and Management Punnapra on 09-05-2022. The inauguration of SKDC nodal office at College of Engineering Perumon was also held on the same day. SKDC have its district nodal offices at its 10 academic institutions. It intends to conduct training programs for students, job seekers, entrepreneurs and employees of various organizations,

for improving their skills in different areas. Training programs are conducted through all nodal offices (Engineering colleges) under CAPE by utilizing its infrastructure facilities and employees. Three day workshop titled "PERIPETEIA – A Turning point in Psychosocial Development" was conducted as the inaugural training program under SKDC at College of Engineering Perumon from 17-06-2022 to 20-06-2022.

SKDC in association with KILA, conducted training programme on 'Computer fundamentals forelected representatives of LSGs'. The program was conducted to give training on Computerfundamentals to the elected representatives of LSGs. Elected representatives from various Gramapanchayaths of Palakkad and Kollam District participated in the training program conducted atSKDC CE Perumon nodal centre. It was conducted batch wise with four days duration for eachbatch. Training for such seven batches of participants was conducted from October 2022 toDecember 2022.

4.14 NPTEL

NPTEL LOCAL CHAPTER, CE, PERUMON has maintained its position as an Active local chapter since Jan-April 2018 session. Many activities were conducted to raise the awareness of students for participation in NPTEL online courses for the July – October 2019 session. Orientation programs were conducted for first year students by Mrs. Aseena.A,(Assistant Professor,Department of ECE) and SPOC, NPTEL Local Chapter, CEP.An interactive session was also handled by Jishnu.V.S of S5 ME (2017-2021) batch who secured the maximum certificates in NPTEL online exams during Jan-April 2019 session. The outcome of these efforts was reflected in considerable increase in the number of enrollment and exam registration during Jul-Oct 2019 and Jan-April 2020 as compared to previous years.During this period, a total of 56 students participated in NPTEL exams;the chapter had two course toppers, 1 student secured Elite+Gold, 24 students secured Elite+Silver and 25 students secured Elite certificates. The CEP Local Chapter again retained its position as Active Local Chapter. The CEP Local Chapter is putting all efforts to encourage the students for active articipation in NPTEL online exams and it is envisaged that there will be more and more students' participation in future and the Local Chapter come out with flying colours.

4.15 NCC

The National Cadet Corps (NCC) is the youth wing of the Indian Armed Forces with its headquarters in New Delhi, India. It is open to school and college students on voluntary basis as a Tri-Services Organisation, comprising the Army, the Navy and the Air Force, engaged in developing the youth of the country into disciplined and patriotic citizens. The soldier youth foundation in India is a voluntary organization which recruits cadets from high schools, higher secondary, colleges and universities all over India. The Cadets are given basic military training in small arms and drill. The emblem of the NCC consists of 3 colours; red, dark blue and light blue. These colours represent the Indian Army, Indian Navy and Indian Air Force respectively. The 17 lotuses indicate the 17 directories of India.

3K NAVAL NCC UNIT is the only NAVY NCC UNIT in KOLLAM Group. College of Engineering Perumon is the first college in CAPE to have Naval NCC Sub Unit. Only three Engineering colleges in Kerala have Naval NCC sub Unit. It is one amongst the most active navy units in

India. Formation of Naval NCC Unit in College of Engineering Perumon was on December 2020. 3 K Naval NCC Unit carry out activities like Ship modelling, EC DINKY6 Sailing, Whaler Sailing, Boat pulling, Wind Surfing, Kayaking etc. Our cadets undergoing these activities at Thevally unit. Cadets coordinated various online activities during Republic day, Independence day and during NCC day (like Talks, online Quiz, Dance competition, Drawing competition etc).

Conducted a Session about ARMED FORCES AND NCC at Kottiyam School for SPCCadets AS PART OF KARGIL VIJAY DIWAS. Many of our cadets attended ALL INDIA TREKKING EXPEDITION highlighted physical effort more than anything as they had to navigate through thick forests and mountain areas. A cadet from CEP NCC attended the national camp, SEA TRAINING CAMP at MUMBAI. Training was conducted by INDIAN NAVY onboard INS KOLKATA. Rowing boat simulator installed in our institution - CE Perumon is the First in any college (arts & science or engineering institution) in All over India.

Recently our college hosted an annual training camp for NCC students all over kerala. We are one of the active colleges in kollam unit having enthusiastic and patriotic cadets.

4.16. IEDC

This aims to promote the institutional vision of transforming youngsters into technological entrepreneurs and innovative leaders and to make bridge between learning and leadership. It helps to channelize the knowledge and energy of youth towards becoming active partners in economic development process. This catalyze development of knowledge-based and innovation- driven enterprises and promote employment opportunities among youth especially students and to cultivate a culture of innovation driven entrepreneurship. It helps to act as an institutional mechanism for providing various services including information on all aspects of enterprise building to budding S&T entrepreneurs.

4.17 COMMITTEES FOR THE ACADEMIC YEAR (2024-25)

LIST OF VARIOUS COMMITTEES FOR 2024-25

SL. NO.	Name of Committee	Name of Coordinator(s)/ Convenor	Details of Committee Members
1	College Development Council	Principal	Dr. K S Angel Viji (HoD CSE), Dr. J Mohanalin Raja Rathnam (HoD EEE), Pradeep T S (HoD ECE), Sony R (HoD ME), One senior most faculty from all departments, First-year coordinator, PTA Secretary, Staff advisor, Rahul R (Non-teaching representative)
2	Staff Advisor to students' union	Dhanya M (ECE)	
3	PTA	Sanoj R(CSE)	Dhanya M (ECE), Sujarani M S(CSE), Suneer K S (ME), Venu P (Non-teaching), Dr. Uma Mohan (CE)(First-year coordinator)
4	Alumni Association	Jasmi M S (EEE)	Rekha T (EEE), Ajith A(ECE), Dr. Arun P L(ECE), Sidhik A (CSE), Dhanya M(ECE)
5	Students Grievance Redressal Committee	Muhammed Azharudeen(CSE)	Ajisha S(EEE), Jaseera A(CSE), Sujeesh G(ME)
6	GRC -Faculty	Principal	Dr.K S Angel Viji (CSE), Pradeep TS (ECE)
7	Anti Ragging Committee	Sony R	All first-year tutors, Romy Roy (AS), PT instructor, HoDs, and senior most faculty members of all departments
8	Purchase committee	Principal	HoDs, Lab instructors, AO, JS, Office Assistant - Purchase Section
9	CGPC	Abjhasree S S	Jasna(ECE), Rekha T(EEE) , Ramcy.R (CSE),Sudeep Dinesh(ME),Navas Y(Computer Programmer, CSE)
C	College Bus Committee	Raj Mohan R E (ME)	Rahul R (ME), Sudheendran T S (EEE), Chinmayan V(ME), Tasneem Salam H (ECE), Jyothi S(Library)
11	NSS unit I	Dr. Varun Chand (CSE)	Jasna K (ECE)
	NSS unit II	Ratheesh S (CSE)	Sabina Mohanan
12	Project Committee	Senthil Kumar P(CE), VijayaLekshmi (AE)	Sabna Mohanan (CE), Thasreef H R (EEE), Electrician
13	Hostel Committee	Deepa K Daniel (CSE)	Suma S (ECE), Sajeer S(CSE), Sujeesh G(ME), Bindu S (EEE)
14	Sports Committee	Lalu S (PT)	Vishnulal V S(EEE), Rajith R(ECE), Chinmayan V(ME), Jassera A(CSE)
15	House Keeping	Rajalekshmi I S(AS)	Jaseena A(ECE), Bindu S(EEE), Romy Roy (AS), Sujeesh G(ME), Arun C Pillai (CSE)
16	Library Committee	Principal	Librarian, HoDs, AO, Office Assistant - Purchase
17	Women's Forum-Internal	Rekha T(EEE)	Smrithi V(ECE), Jaseera A(CSE)

	Compliance Committee		
18	Network Administrator & Website	Smitha C S(CSE)	Sanoj R(CSE), Archa A B (ECE), Abhjasree S S(EEE), Deepu R J(ME), Sajeer S (CSE), Navas Y (Computer Programmer, CSE)
19	First-year coordinator & First-year Induction programme	Dr. Uma Mohan, Sabna Mohanan	All first-year tutors
20	IEDC	Dr. Arun P L (ECE)	Smrithi V(ECE), Jasna Basheer (EEE), Deepa K Daniel (CSE)
21	IQAC	Dr.K S Angel Viji(CSE)	All DQAC coordinators
22	Continuing Education	Dr Anoop S	Syamkumar G(ME), Sajeer S(CSE), Navas Y(CSE), Arun C Pillai (CSE), Jaseena A
23	Counselling Cell	Navitha K Krishnan	All tutors
24	IEEE	Tasneem Salam H	Thasreef H R (EEE)
25	Information Bulletin	Jasna K (ECE)	Reshma S(ECE), Arun C Pillai (CSE)
26	Admission committee	Dhanya M(ECE)	Sanoj R(CSE), Sidhik A(CSE), Sujarani M S(CSE), Jasim Jalaludeen(ECE), Aseena A(CSE) ,Dinu A G(ECE), Rekha T(EEE), Jasna Basheer(EEE) ,Sudheendran T S(EEE), Navas Y(CSE) ,Sony R(ME), Suneer K S(ME), Rahul R(ME)
27	Tour committee	Dr. J Mohanalin Raja Rathnam (HoD EEE),	Mukundakumar M(ECE), Anish A Aziz(CSE), Jithin V M (ME)
28	College Magazine	Dinu A G(ECE)	Venu P(ECE), Vishnulal V S(EEE)
29	Arts	Ajisha S(EEE), Dr.Anoop S(CSE)	Jaseena A(ECE), Sudheendran T S(EEE)
30	AICTE	Jasim Jalaludeen(ECE)	KTU coordinator, All HoDs, Navas Y(CSE)
31	University Examination Committee	Muhammed Nizar B K(CSE)	Sidhik A(CSE), Dinu A G(ECE), Sudeep Dinesh (ME)
32	Series Examination Committee	Arun M S(EEE), Sujarani M S(CSE)	One Adhoc faculty from each department
33	CMS	Suja Vijayan (CSE)	Smitha C S(CSE), Navitha K Krishnan (ECE), Jasmi M S(EEE), Syamkumar G(ME)
34	Canteen Monitoring Committee	Suneer K S(ME)	Venu P(ECE), Rejith R(ECE), Sanoj R(CSE)
35	KTU	Anish A Aziz (CSE)	
36	NBA Committee	Dhanya M(ECE)	Dr. K S Angel Viji (CSE), Department coordinators and Criteria coordinators
37	College Election Committee	Archa A B(ECE), Viji Chandran (EEE)	
38	NPTEL	Sudeep Dinesh(ME)	Aseena A(ECE)

39	Planning and Monitoring Committee	Jasna Basheer (EEE)	Smitha C S(CSE), Navitha K Krishnan (ECE), Sony R(ME), All HoDs
40	SC/ST cell	Ajisha S(EEE)	Suma S(ECE), Bindu S(EEE)
41	Disciplinary Action Committee	Mukundakumar M(ECE)	Sabna Mohanan (CE), Sidhik A(CSE)
42	Malpractice Prevention Committee	Pradeep T S (HoD ECE)	Thasreef H R(EEE), Suja Vijayan (CSE), Senthil Kumar P(CE)
43	NCC	Sub Lt. Ajith A(ECE)	
44	KTU Centralised Valuation Camp	Suneer K S(ME)	Sanoj R(CSE), Venu P(ECE), Ullas Krishnan U(Office)
45	SKDC	Thasreef H R(EEE)	Jasmi M S(EEE), Tasneem Salam H(ECE), Deepu (ME), Deepa K Daniel (CSE)
46	Techfest	Jithin V M(ME), Aseena A(ECE)	Department coordinators
47	R &D Committee	Rajeesh J	Pradeep T S(ECE), Viji Chandran (EEE), Rajmohan R E(ME), Muhammed Azarudeen Sahib (CSE)
48	BIS Club	Jasna Basheer (EEE)	Sudheendran T S(EEE), Chinmayan V(ME)
49	ASAP	Deepa K Daniel (CSE)	Viji Chandran (EEE)
50	IIIC	Deepu R J(ME)	Mukundakumar M (ECE)
51	CSI	Dr.Varun Chand	
52	Electoral Literacy Club	Dr.Varun Chand	
53	Tourism Club	Jasna K (ECE)	Thasreef H R(EEE)
54	Red Belt Club	Jasna K	

5. HISTORY OF ACADEMIC EXCELLANCE

Right from the first batch itself, the college has been rated high for its academic excellence among the various colleges under the CUSAT and KTU . The various ranks bagged by the students of this college in the B-Tech. examinations are as follows.

Year	Name	Branch	Rank
2004	Anu G.	EEE	I
	Sunila Susan Thomas	EEE	I
	Sreejith S.	EEE	III
	Sudhin Dinesh	CSE	III
	Arun A.	EEE	I
	Nisha	CSE	I
2005	Aneeshya Raveendran	EEE	I
	Solymol K.C.	EEE	III
	Mala J.B.	IT	III
	Dony C.S.	EEE	I
	Arun Babu	EEE	I
	John Samuel	CSE	I
2006	Nadia	IT	I
	Aswathy Raj	EEE	III
	Helen Sherly	IT	III
	Deepa Chandran	ECE	I
2007	Divya Vijay	EEE	I
	Remya S. Nair	IT	III
	Deepa P.S.	CSE	I
2008	Bhagya S.	IT	I
	Lakshmi S.	EEE	II III
2009	Rainu Boban	CSE	I
	Aneesh Kumar A.S.	EEE	II III
2010	Neomi Nelin	IT	I
	Nicholas		II
2011	Anuga G. Jincy	IT	I
	George Ajina P.	EEE	I
	John	ECE	I III
2012	Anu S. Lal	IT	I

2013	Resmi Chandran	I T	II I
2014	Athira K.R.	M.T ech CIS	II I
2015	Neethu Raj Syam Sankar	M.Tech CIS M.Tech CIS	I III
2016	Aparna A. Aparna R. Biju P. Dias Sreelekshmi S. Athulya R. Krishnan Bilha Mathew Anuja Kunjumon Sneha Subash Amrutha J. Greeshma G. Gopika Krishnan P. Mubarak M. Nikitha Meriam Vinu Muhammed Rafeeq K. Swathy J. Aiswarya V. Sivendu B.	M. Tech CIS M. Tech CIS M.Tech CIS M.Tech CIS M.Tech CIS EEE IT ECE ECE EEE EEE EEE ECE IT CSE IT CSE	I I VI VI IX I I I III III V VI V II I I I X I X X
2017	Kokila V. Ananthakrishnan R. Hari Krishna Gouri Krishna J. Praveen S. Meenakshi R. Pillai Arunraj B. Meenu Sreekumar Amrutha Sunil Chaithanya Girija Suresh Nishad N. Jazeena A. Sreelekshmi S. Anandhu R. Sreerya S.	EEE ME ME ECE ME EEE ME IT IT EEE EEE IT EEE ME EEE	I I III IV IV V V V VI VII VIII IX IX IX X
2018	Loyola Ann George Shermi Hussain Mridula T.S. Anna Sharon Stalin Ijas Abraham	EEE IT EEE IT ME	III III IX IX IX
2020	Binoj James	EEE	V

2018	Loyola Ann George Shermi Hussain Mridula T.S. Anna Sharon Stalin Ijas Abraham	EEE IT EEE IT ME	III III IX IX IX
2020	BinojJames	EEE	V

The 2012 leading media of our state has also rated the academic excellence of our college as high based on their surveys.

**6. A. P. J. ABDUL KALAM TECHNOLOGICAL UNIVERSITY
ACADEMIC REGULATIONS FOR B. TECH,2024 SCHEME**

1.Grouping

APJ Abdul Kalam Technological University offers various engineering branches that can be grouped into four broad categories based on their specialization.

Group	Branches	
A Computer and Information Science	<ul style="list-style-type: none"> Computer Science and Engineering Artificial Intelligence Computer Science and Engineering (Artificial Intelligence) Computer Science and Engineering (Artificial Intelligence and Machine Learning) AI and Machine Learning Artificial Intelligence and Data Science CS and Business Systems CS and Design Cyber Security 	<ul style="list-style-type: none"> Information Technology Computer Science and Engineering and Business Systems CSE (Data Science) CSE (Artificial Intelligence and Data Science) CSE (Internet of Things), CSE(IoT) CSE (Block Chain) CSE (Cyber Security) CSE (IoT and CS including Block Chain Technology)
B Electrical Science	<ul style="list-style-type: none"> Electronics & Communication Engineering Electrical and Electronics Engineering Electronics and Biomedical Engineering Biomedical Engineering Electronics & Instrumentation Engineering Instrumentation and Control Engineering Applied Electronics & Instrumentation Engineering Cyber Physical System. 	<ul style="list-style-type: none"> Electronics and Computer Engineering Electrical and Computer Engineering Electronics and Communication (Advanced Communication Technology) Electronics Engineering (VLSI Design and Technology) Biomedical and Robotics Engineering Robotics and Artificial Intelligence Robotics and Automation

C Physical Science	<ul style="list-style-type: none"> ▪ Civil Engineering ▪ Chemical Engineering ▪ Civil and Environmental Engineering ▪ Mechanical Engineering ▪ Mechanical Engineering (Auto) ▪ Mechanical Engineering (Automobile) ▪ Automobile Engineering ▪ Mechatronics Engineering ▪ Production Engineering 	<ul style="list-style-type: none"> ▪ Aeronautical Engineering ▪ Agriculture Engineering ▪ Industrial Engineering ▪ Metallurgical & Materials Engineering ▪ Naval Architecture & Ship Building Engineering ▪ Polymer Engineering. ▪ Safety and Fire Engineering
D Life Science	<ul style="list-style-type: none"> ▪ Biotechnology ▪ Food Technology 	<ul style="list-style-type: none"> ▪ Biotechnology and Biochemical Engineering

2.Course Category

- **University Core (UC):** The university core is a compulsory set of courses for all B. Tech students, which includes basic courses in Humanities and Computer Science.
- **University Elective (UE):** These are elective courses from a basket of courses in the Humanities and Social Sciences.

Group Core (GC): Courses listed under Group Core of a curriculum are group specific. These courses ensure that students gain specialized knowledge and skills in their chosen field of study

FIRST SEMESTER (July-December): Group A														
10 Days Compulsory Induction Program and UHV														
Sl. No:	Slot	Course Code	Course Type	Course Category	Course Title (Course Name)	Credit Structure				SS	Total Marks		Credits	Hrs./Week
						L	T	P	R		CIA	ESE		
1	A	GAMAT101	BSC	GC	Mathematics for Information Science-1	3	0	0	0	4.5	40	60	3	3
2	B S1 / S2	GAPHT121	BSC	GC	Physics for Information Science	3	0	2	0	5.5	40	60	4	5
		GXCYT122			Chemistry for Information Science									
3	C	GMEST103	ESC	GC	Engineering Graphics and Computer Aided Drawing.	2	0	2	0	4	40	60	3	4
4	D	GXEST104	ESC	GC	Introduction to Electrical & Electronics Engineering (part 1: Electrical Engineering)	2	0	0	0	3	20	30	2+2=4	4
					(Part 2: Electronics Engineering)	2	0	0	0	3	20	30		
5	F	UCEST105	ESC	UC	Algorithmic Thinking with Python	3	0	2	0	5.5	40	60	4	5
6	L	GXESL106	ESC	GC	Basic Electrical and Electronics Engineering Workshop	0	0	2	0	1	50	50*	1	2
7	I** S1 / S2	UCPWT127	PW	UC	Health and Wellness	1	0	1	0	0	50	0	1	2/3
		UCHUT128	HMC		Life Skills and Professional Communication	2	0	1	0	3.5	100	0		
8	S1 / S2	UCSEM129	SEC	UC	Skill Enhancement Course: Digital 101(NASSCOM)	MOOC				2			-	

Total	30/ 32	20	25/ 26
Bridge Course (Mathematics or Introduction to Computer Science) *:		Total 15 Hrs.	

***Internal evaluation by college.**

****No Grade Points will be awarded for the MOOC course and I slot course.**

- L-T-P-R: Lecture-Tutorial-Practical-Project
- SS (Self Study) Hours= 1.5L+0.5 T+0.5P+R
- CIA: Continuous Internal Assessment, ESE: End Semester Examination

Digital 101 (NASSCOM)		
Sl. No:	Technologies Covered	Hours
1	Artificial intelligence and Big Data Analytics (AI/BDA)	11
2	Internet of Things (IoT)	2.5
3	Cyber Security	2.5
4	Block Chain	2.5
5	Robotic Process Automation	1.5
6	Augmented Reality and Virtual Reality (AR and VR)	2.5
7	Cloud Computing	2.5
8	3 D Printing and Modelling	2
9	Web, Mobile Dev and Marketing	2
10	Responsible AI	1
Total Hours		30

Note: Physics, Chemistry, Health and Wellness & Life Skill and Professional Communication can be offered in both Semester 1 (S1) and Semester 2 (S2). Institutions are encouraged to guide approximately 50% of their branches to choose between Physics **or** Chemistry (Slot B) and Health and Wellness **or** Life Skill and Professional Communication (Slot I) in Semester 1.

There are four options for completing a B. Tech. Programme, as outlined below:

Table 1: Credit Structure

Options for 4-year B. Tech. Programme	Total Credits Required to Complete the Programme
“B. Tech.” in an Engineering Major Discipline.	170 Credits [167 Academic Credits + 3 credits from student activities]
“B. Tech. with Minor” (Minor in any Discipline, other than the Major Discipline)	185 Credits [170 Credits (B. Tech.) + 15 Credits for Minor Coursework]

“B. Tech. with Honours” (Specialization within the Major Discipline).	185 Credits [170 Credits (B. Tech.) + 15 Credits for Honours Coursework]
“B. Tech. with Honours and Minor”	200 Credits [170 Credits (B. Tech.) + 15 Credits for Honours Coursework+ 15 Credits for Minor Coursework]

Every course of B. Tech. Programme shall be placed in one of the ten categories as listed in table below. The curriculum offers flexibility in choosing elective courses for widening the understanding of emerging concepts and processes in different domains. The total credits for completing B. Tech in any of the engineering discipline is 170 credits.

Table 2: Course classifications of the B. Tech Programmes and Overall Credit Structure

Sl. No	Category	Code	Credits
1	Humanities and Social Sciences including Management Courses	HMC	9
2	Basic Science Courses	BSC	20
3	Engineering Science Courses	ESC	29
4	Programme (Professional) Core Courses	PCC	52
5	Programme (Professional) Core Courses-Project Based Learning	PBL	16
6	Program Elective Courses	PEC	18
7	Open Elective Courses/Industry Linked Elective	OEC/ILE	9
8	Mini Project, Project Work/Internship and Seminar	PWS	12
9	Health and Wellness	HWP	1
10	Skill Enhancement Courses	SEC	1
11	Mandatory Student Activities.	MSA	3
	Total Mandatory Credits	170	
12	Honours/Minor	H/M	15

A minimum of 120 Activity points is to be acquired for obtaining the 3 Activity Credits

required in the curriculum.

Table 3: B. Tech Semester Wise Credit Structure

Semester	1	2	3	4	5	6	7	8	Credits
Credits	20	24	25	24	23	23	17	11	167
Credits for Activity Points	3								3
Grand Total									170

Sl. No	Category	S1	S2	S3	S4	S5	S6	S7	S8	Total
1	Humanities and Social Sciences including Management Courses	0	1	2	2	1	0	2	1	9
2	Basic Science Courses	7	7	3	3	0	0	0	0	20
3	Engineering Science Courses	12	11	4	0	0	2	0	0	29
4	Programme Core Courses	0	4	12	12	15	9	0	0	52
5	Programme Core Courses-PBL	0	0	4	4	4	4	0	0	16
6	Program Elective Courses	0	0	0	3	3	3	6	3	18
7	Open Elective Courses	0	0	0	0	0	3	3	3	9
8	Project work and Seminar	0	0	0	0	0	2	6	4	12
9	Health and Wellness /SEC	1	1	0	0	0	0	0	0	2
	Total Credits/Semester	20	24	25	24	23	23	17	11	167

FIRST SEMESTER (July-December): Group B														
10 Days Compulsory Induction Program and UHV														
Sl. No:	Slot	Course Code	Course Type	Course Category	Course Title (Course Name)	Credit Structure				SS	Total Marks		Credits	Hrs./Week
						L	T	P	R		CIA	ESE		
1	A	GYMAT101	BSC	GC	Mathematics for Electrical Science-1	3	0	0	0	4.5	40	60	3	3
2	B S1 / S2	GBPHT121	BSC	GC	Physics for Electrical Science	3	0	2	0	5.5	40	60	4	5
		GXCYT122			Chemistry for Electrical Science									
3	C	GMEST103	ESC	GC	Engineering Graphics and Computer AidedDrawing.	2	0	2	0	4	40	60	3	4
4	D	GXEST104	ESC	GC	Introduction to Electrical & ElectronicsEngineering (part 1: Electrical Engineering)	2	0	0	0	3	20	30	2+2=4	4
					(Part 2: Electronics Engineering)	2	0	0	0	3	20	30		
5	F	UCEST105	ESC	UC	Algorithmic Thinking with Python	3	0	2	0	5.5	40	60	4	5
6	L	GXESL106	ESC	GC	Basic Electrical and Electronics EngineeringWorkshop	0	0	2	0	1	50	50*	1	2
7	I** S1 / S2	UCPWT127	PW	UC	Health and Wellness	1	0	1	0	0	50	0	1	2/3
		UCHUT128	HMC		Life Skills and Professional Communication	2	0	1	0	3.5	100	0		
8	S1 / S2	UCSEM129	SEC	UC	Skill Enhancement Course: Digital 101(NASSCOM)	MOOC				2			-	
Total										30/32			20	25/26
Bridge Course (Mathematics or Introduction to Computer Science) *:										Total 15 Hrs.				

***Internal evaluation by college.**

****No Grade Points will be awarded for the MOOC course and I slot course.**

Skill Enhancement Course: Digital 101 is an introductory Massive Open Online Course (MOOC) offered by NASSCOM. It is designed to provide students with foundational knowledge and skills in digital technologies, preparing them for further studies and careers in the digital domain. By incorporating the Digital 101 course into the curriculum, KTU ensures that all students gain valuable digital skills early in their academic journey, enhancing their readiness for advanced courses and future careers in technology.

Course Registration and Completion:

- Students have the flexibility to register and complete the Digital 101 course either in their first semester (S1) or second semester (S2).
- The credit for this course (1 credit) will be officially recorded in the second semester grade card.


FIRST SEMESTER (July-December): Group C

10 Days Compulsory Induction Program and UHV

Sl. No:	Slot	Course Code	Course Type	Course Category	Course Title (Course Name)	Credit Structure				SS	Total Marks		Credits
						L	T	P	R		CIA	ESE	
1	A	GYMAT101	BSC	GC	Mathematics for Physical Science-1	3	0	0	0	4.5	40	60	3
2	B S1 / S2	GZPHT121	BSC	GC	Physics for Physical Science	3	0	2	0	5.5	40	60	4
		GCCYT122			Chemistry for Physical Science								
3	C	GCEST103	ESC	GC	Engineering Mechanics	3	0	0	0	4.5	40	60	3
4	D	GCEST104	ESC	GC	Introduction to Mechanical Engineering & Civil Engineering (Part1: Mechanical Engineering)	2	0	0	0	3	20	30	2+2=4
					(Part 2: Civil Engineering)	2	0	0	0	3	20	30	
5	F	UCEST105	ESC	UC	Algorithmic Thinking with Python	3	0	2	0	5.5	40	60	4
6	L	GCESL106	ESC	GC	Engineering Workshop	0	0	2	0	1	50	50*	1
7	I** S1 / S2	UCPWT127	PW	UC	Health and Wellness	1	0	1	0	0	50	0	1
		UCHUT128	HMC		Life Skills and Professional Communication	2	0	1	0	3.5	100	0	
8	S1 / S2	UCSEM129	SEC	UC	Skill Enhancement Course: Digital 101(NASSCOM)	MOOC				2			-
Total										30/32			20
Bridge Course (Mathematics or Introduction to Computer Science) *:										Total 15 Hrs.			

7.KTU ACADEMIC CALENDAR

September 2023 to January 2024 (B.Tech. S1)


	APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY
	Academic Calendar - July 2024 to Dec 2024
	B. Tech S1

July-24				Aug-24				Sep-24			
Days	Date	Description	Class	Days	Date	Description	Class	Days	Date	Description	Class
Mon	1			Thu	1			Sun	1		
Tue	2			Fri	2			Mon	2		
Wed	3			Sat	3	Karkidaka Vavu		Tue	3		
Thu	4			Sun	4			Wed	4		
Fri	5			Mon	5			Thu	5		
Sat	6			Tue	6			Fri	6		
Sun	7			Wed	7			Sat	7		
Mon	8			Thu	8			Sun	8		
Tue	9			Fri	9			Mon	9	Commencement of S1 Classes	1
Wed	10			Sat	10			Tue	10		2
Thu	11			Sun	11			Wed	11		3
Fri	12			Mon	12			Thu	12		4
Sat	13			Tue	13			Fri	13	Final Date for the First-Year Induction Program.	5
Sun	14			Wed	14			Sat	14	First Onam	
Mon	15			Thu	15	Independence Day		Sun	15	Thiruvonam	
Tue	16	Muharam		Fri	16			Mon	16	Third Onam	
Wed	17			Sat	17			Tue	17	Fourth Onam	
Thu	18			Sun	18			Wed	18		
Fri	19			Mon	19			Thu	19		
Sat	20			Tue	20	Sree Narayana Guru Jayanthi		Fri	20		
Sun	21			Wed	21			Sat	21	Sree Narayana Guru Samadhi Day	
Mon	22			Thu	22			Sun	22		
Tue	23			Fri	23			Mon	23		6
Wed	24			Sat	24			Tue	24		7
Thu	25			Sun	25			Wed	25	Semester Enrollment Begins for S1	8
Fri	26			Mon	26	Sri Krishna Jayanthi		Thu	26		9
Sat	27			Tue	27			Fri	27		10


Sun	28			Wed	28	Ayyankali Jayanthi		Sat	28		11
Mon	29			Thu	29			Sun	29		
Tue	30			Fri	30			Mon	30	Last date for First Advisory Meeting.	12
Wed	31			Sat	31						

				APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY							
				Academic Calendar - July 2024 to Dec 2024							
				B. Tech S1							
Oct-24				Nov-24				Dec-24			
Days	Date	Description	Class	Days	Date	Description	Class	Days	Date	Description	Class
Tue	1		13	Fri	1	Exam Registration (B. Tech S1)- College Level Submission	35	Sun	1		
Wed	2	Gandhi Jayanthi		Sat	2	Internal Examination	36	Mon	2		57
Thu	3		14	Sun	3			Tue	3		58
Fri	4		15	Mon	4	First Series Test to be completed for B. Tech S1	37	Wed	4		59
Sat	5			Tue	5		38	Thu	5		60
Sun	6			Wed	6		39	Fri	6		61
Mon	7		16	Thu	7		40	Sat	7		62
Tue	8	Semester Enrollment Ends for S1	17	Fri	8		41	Sun	8		
Wed	9		18	Sat	9			Mon	9	KTU Survey(2)- Syllabus Coverage	63
Thu	10	Course Selection and Mapping Begins for B. Tech S1	19	Sun	10			Tue	10		64
Fri	11		20	Mon	11		42	Wed	11		65
Sat	12	Mahanavami		Tue	12		43	Thu	12		66
Sun	13	Vijayadasami		Wed	13		44	Fri	13	Second Series test to be completed for B. Tech S1	67
Mon	14		21	Thu	14	Last Date for Second Advisory Meeting.	45	Sat	14		
Tue	15		22	Fri	15		46	Sun	15		
Wed	16	Course Selection and Mapping Ends for B. Tech S1	23	Sat	16			Mon	16		68
Thu	17		24	Sun	17			Tue	17		69
Fri	18		25	Mon	18		47	Wed	18	End Semester Students Feedback(Mandatory)	70
Sat	19	Last date for corrections related to course selection and mapping on KTU portal	26	Tue	19		48	Thu	19		71
Sun	20			Wed	20		49	Fri	20	Class Ends. Publish Attendance and IAMarks for B. Tech S1	72
Mon	21	Exam Registration begins for B. Tech S1	27	Thu	21		50	Sat	21		
Tue	22		28	Fri	22		51	Sun	22		
Wed	23		29	Sat	23			Mon	23		
Thu	24		30	Sun	24			Tue	24	Last date for Entering Attendance, Internal Marks, Submission of activitypoints (S1) on KTU Portal	
Fri	25	Exam Registration ends for B. Tech S1 (Student Level)	31	Mon	25		52	Wed	25	Christmas	


Sat	26	Annual Sports Meet-College Level		Tue	26		53	Thu	26		
Sun	27	Annual Sports Meet-College Level		Wed	27		54	Fri	27		
Mon	28	KTU Mid Term Survey- Syllabus Coverage	32	Thu	28		55	Sat	28	Last Date for Attendance and Internal Mark Corrections (S1) without Fine	
Tue	29		33	Fri	29		56	Sun	29		
Wed	30		34	Sat	30			Mon	30		
Thu	31	Deepavali						Tue	31	Commencement of End Semester Examination for B. Tech S1	

				APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY							
				Academic Calendar - Jan 2025 to June 2025							
				B. Tech S2							
Jan-25				Feb-25				Mar-25			
Days	Date	Description	Class	Days	Date		Class	Days	Date		Class
Wed	1			Sat	1		12	Sat	1	First Series test to be completed for B. Tech S2	33
Thu	2	Mannam Jayandhi		Sun	2			Sun	2		
Fri	3	Ex-2		Mon	3		13	Mon	3		34
Sat	4			Tue	4	Course Selection and Mapping Ends for B. Tech S2	14	Tue	4		35
Sun	5			Wed	5		15	Wed	5		36
Mon	6	Ex-3		Thu	6	Exam Registration Begins for B.Tech S2	16	Thu	6		37
Tue	7			Fri	7		17	Fri	7		38
Wed	8	Ex-4		Sat	8			Sat	8		
Thu	9			Sun	9			Sun	9		
Fri	10	Ex-5		Mon	10		18	Mon	10		39
Sat	11	Commencement of University Valuation Camp-2		Tue	11		19	Tue	11		40
Sun	12			Wed	12		20	Wed	12		41
Mon	13			Thu	13	Exam Registration Ends for B. Tech S2 (Student Level)	21	Thu	13		42
Tue	14			Fri	14	Arts Festival- College Level	22	Fri	14		43
Wed	15			Sat	15	Arts Festival- College Level		Sat	15		44
Thu	16			Sun	16			Sun	16		
Fri	17	KTU Annual Athletic Meet		Mon	17		23	Mon	17		45
Sat	18	KTU Annual Athletic Meet		Tue	18		24	Tue	18		46
Sun	19			Wed	19		25	Wed	19		47
Mon	20	Commencement of S2 Classes	1	Thu	20		26	Thu	20		48
Tue	21	Semester Enrollment Begins for S2	2	Fri	21	S2 Exam Registration- Last Date for College Level Submission.	27	Fri	21		49

Wed	22		3	Sat	22		28	Sat	22		50
Thu	23		4	Sun	23			Sun	23		
Fri	24	Semester Enrollment Ends for S2	5	Mon	24		29	Mon	24		51
Sat	25		6	Tue	25		30	Tue	25		52
Sun	26	Republic Day		Wed	26	Mahashivarathri		Wed	26		53
Mon	27	Course Selection and Mapping Begins for B. Tech S2	7	Thu	27		31	Thu	27		54
Tue	28		8	Fri	28		32	Fri	28		55
Wed	29		9					Sat	29		
Thu	30		10					Sun	30		
Fri	31		11					Mon	31	Eid Ul Fitr	

				APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY							
				Academic Calendar - Jan 2025 to June 2025							
				B. Tech S2							
Apr-25				May-25				Jun-25			
Days	Date	Description	Class	Days	Date		Class	Days	Date		Class
Tue	1		56	Thu	1	May Day					
Wed	2		57	Fri	2						
Thu	3		58	Sat	3						
Fri	4		59	Sun	4						
Sat	5		60	Mon	5	Commencement of S2(R) Examination	1				
Sun	6			Tue	6						
Mon	7		61	Wed	7	S2(R) Exam	2				
Tue	8		62	Thu	8						
Wed	9		63	Fri	9	S2(R) Exam	3				
Thu	10		64	Sat	10						
Fri	11		65	Sun	11						
Sat	12			Mon	12	S2(R)Exam	4				
Sun	13			Tue	13						
Mon	14	Vishu, Ambedkar Jayanti		Wed	14	S2(R) Exam	5				
Tue	15		66	Thu	15						
Wed	16	Second Series test to be completed for B. Tech S2	67	Fri	16	S2(R) Exam Ends	6				
Thu	17	Maundy Thursday		Sat	17						
Fri	18	Good Friday									
Sat	19										
Sun	20	Easter									

Mon	21		68							
Tue	22		69							
Wed	23		70							
Thu	24		71							
Fri	25	Class Ends for B. Tech S2	72							
Sat	26	Last date for Entering Attendance (S2) on KTU Portal								
Sun	27									
Mon	28									
Tue	29	Last Date for the completion of S2 Internal Lab Examinations								
Wed	30	Last date for Entering Internal Marks (S2) on KTU Portal								

	APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY	
	Academic Calendar - July 2024 to June 2025	
	B. Tech. S1/S2	
Odd Semester(2024)		
Sl.No	Important Events	Important Dates
1	Commencement of classes for B. Tech S1	09-09-2024
2	Semester Enrollment Begins for S1	25-09-2024
3	Last date for First Advisory Meeting	30-09-2024
4	Semester Enrollment Ends for S1	08-10-2024
5	Course Selection and Mapping Begins for B. Tech S1	10-10-2024
6	Course Selection and Mapping Ends for B. Tech S1	16-10-2024
7	Last date for corrections related to course selection and mapping on KTU portal	19-10-2024
8	Exam Registration begins for B. Tech S1 (Student Level)	21-10-2024
9	Exam Registration ends for B. Tech S1 (Student Level)	25-10-2024
10	Annual Sports Meet-College Level	26-10-2024
11	KTU Mid Term Survey- Syllabus Coverage	28-10-2024
12	S1 Exam Registration- Last Date for College Level Submission	01-11-2024
13	First Series test to be completed for B. Tech S1	04-11-2024
14	Last date for Second Advisory Meeting.	14-11-2024
15	KTU Survey(2)- Syllabus Coverage	09-12-2024
16	Second Series test to be completed for B. Tech S1	13-12-2024
17	End Semester Students Feedback(Mandatory)	18-12-2024
18	Class Ends. Publish Attendance for B. Tech S1	20-12-2024
19	Publish IA Marks for B. Tech S1	20-12-2024
20	Last date for Entering Attendance, IA Marks and Submission of activity points on KTU Portal(S1)	24-12-2024
21	Last Date for Attendance and Internal Mark Corrections(S1) without Fine	28-12-2024
22	Commencement of End Semester Examination for B. Tech S1	31-12-2024

Even Semester(2025)		
1	Commencement of classes for B. Tech S2	20-01-2025
Odd Semester(2025)		
1	Commencement of classes for B. Tech S3	01-07-2025

8.STAFF MEMBERS

Principal

Prof. (Dr.) Rajeesh.J, M.Tech, PhD. Ph : 0474-2550400 (O), 9442959056 (M)

8.1 ELECTRONICS AND COMMUNICATION

Sl.No.	Name	Designation	Qualification	Phone No.
1.	Dr. Rajeesh J.	Professor (HOD)	M.Tech, PhD	9442959056
2.	Sri. Pradeep T.S.	Associate Professor	M. Tech, PhD*	8921276319
3.	Smt. Navitha K. Krishnan	Assistant Professor	M.Tech, PhD*	9447097691
4.	Sub. Lt. Ajith A.	Assistant Professor (NCC Officer)	M.Tech, MBA, PhD*	9995295599
5.	Smt. Dhanya M.	Assistant Professor	M.Tech	9447013719
6.	Smt. Smrithi V.	Assistant Professor	M.Tech, PhD*	9446119070
7.	Smt. Aseena A.	Assistant Professor	M.Tech, PhD*	9446182857
8.	Smt. Archa A.B.	Assistant Professor	M.Tech, PhD*	9947061894
9.	Sri. Mukundakumar M.	Assistant Professor	M. Tech	8075714950
10.	Sri. Surjith S.	Assistant Professor (on Deputation)	M.Tech, PhD*	9745108232
11.	Smt. Jasna K.	Assistant Professor	M.Tech, PhD*	9446361878
12.	Smt. Tasneem Salam H.	Assistant Professor	M.Tech	9400185562
13.	Sri. Dinu A.G.	Assistant Professor	M.Tech, PhD*	9495167631
14.	Smt. Anju V. Gopal	Assistant Professor	M.Tech, MBA	9447958242
15.	Sri. Jasim Jalaludeen	Assistant Professor	M.Tech	9447789936
16.	Dr. Arun P.L.	Assistant Professor	M.Tech, PhD	9447004094
17.	Smt. Jenny Patrick	Assistant Professor	M.Tech	9995457108
18.	Smt. Rincy Joby	Assistant Professor	M.Tech	9495508020
19.	Samju	Assistant Professor	M.Tech	8547569443
20.	Thahseema Thajudheen	Assistant Professor	M.Tech	9061714805
21.	khadeeja P N	Assistant Professor	M.Tech	7025604321
22.	Aleesha Ameer			9447799448
23.	Febin P A			9400538665

LAB STAFF

24.	Smt. Jeseena A.	Instructor Gr-II		9400897896
25.	Sri. Rejith R.	Trade Instructor Gr.II		9495116956
26.	Sri. Venu P.	Trade Instructor Gr.II		9846501790
27.	Smt. Reshma R.S.	Trade Instructor Gr.II		9526325984
28.	Smt. Suma S.	Trade Instructor Gr.II		8129375603

8.2 COMPUTER SCIENCE AND ENGINEERING

Sl.No.	Name	Designation	Qualification	Phone No.
1.	Dr. K.S. Angel Viji	Associate Professor (HOD)	M.E, PhD	9751280848

2.	Smt. Smitha C.S.	Assistant Professor	M.Tech, PhD*	9446794749
3.	Sri. Sanoj R.	Assistant Professor	M.Tech, PhD*	9446546127
4.	Smt. Suja Vijayan	Assistant Professor	M.Tech, PhD*	9846372722
5.	Sri. Muhammed Nizar B.K.	Assistant Professor	M.Tech	9747125560
6.	Sri. Ratheesh S.	Assistant Professor	M.Tech	8547427518
7.	Smt. Sujarani M.S.	Assistant Professor	M.Tech	9495918218
8.	Sri. Mhd. Azharudeen Sahib S.	Assistant Professor	M.Tech	9495550834
9.	Dr. Varun Chand H.	Assistant Professor	M.Tech, PhD	9037939080
10.	Dr. Anoop S.	Assistant Professor	M.Tech, PhD	9446747253
11.	Smt. Deepa K. Daniel	Assistant Professor	M.Tech, PhD*	8991174195
12.	Sri. Sidhik A.	Assistant Professor	M.Tech	9995448313
14.	Sri. Anish A. Aziz	Assistant Professor	M.Tech	8590514876
15.	Sri. Anison Abraham	Assistant Professor	M.Tech	7012791171
16.	Smt. Suzanna Charly	Assistant Professor	M.E	8606764228
17.	Smt. Jency Mariam John	Assistant Professor	M. Tech	9605008955
18.	Smt. Sijimol K.	Assistant Professor	M. Tech	9562249938
19.	Smt. Ramcy R.	Assistant Professor	M. Tech	8590141415
20.	Ankitha Radhakrishnan	Assistant Professor	M. Tech	9809282829
21.	Suni.S	Assistant Professor	M. Tech	9895076429
22.	Aiswarya S S			9947558176

LAB STAFF

22	Sri. Navas Y.	Computer Programmer		9495432422
23	Sri. Sajeer S.	Instructor Gr.I (Hardware)		9847525885
24	Sri. Arun C. Pillai	Tradesman		9895463735
25	Smt. Jaseera A.	Tradesman		9947353192

8.3 ELECTRICAL AND ELECTRONICS ENGINEERING

Sl.No.	Name	Designation	Qualification	Phone No.
1.	Dr. Mohanalin Raja Rathnam	Associate Professor(HOD)	M.Tech PhD	8281821720
2.	Smt. Abjhashree S S	Assistant Professor	M.Tech	9539902029
2.	Smt. Jasna Basheer	Assistant Professor	M.Tech, PhD*	9496332274
3.	Sri. Thasreef H.R	Assistant Professor	M.Tech, PhD*	9995364082
4.	Smt. Rekha T	Assistant Professor	M.Tech	9497776509
5.	Smt. Viji Chandran	Assistant Professor	M.Tech, PhD*	9895238814
7.	Smt. Ajisha S.	Assistant Professor	M.Tech, PhD*	9447790928
9.	Smt. Jasmi M.S.	Assistant Professor	M.Tech	9447361252
10.	Sri. Sreeraj R.	Assistant Professor	M.Tech	8907536022
11.	Smt. Arun m s	Assistant Professor	M.Tech	9072720113

LAB STAFF

12.	Smt. Bindu S.	Instructor Gr-II		9496117064
13.	Sri. Vishnulal V.S.	Trade Instructor Gr-II		9946535020
14.	Sri. Sudheendran T. S.	Trade Instructor Gr-II		9995079599

8.4 MECHANICAL ENGINEERING

Sl.No.	Name	Designation	Qualification	Phone No.
1.	Smt. Sony R.	Assistant Professor (HoD)	M.Tech, PhD*	9447865695
2.	Sri. Syamkumar G.	Assistant Professor	M.Tech, PhD*	9497137744
3.	Sri. Suneer K.S.	Assistant Professor	M.Tech, PhD*	9446639190
4.	Sri. Raj Mohan R.E.	Assistant Professor	M.Tech	9947402981
5.	Sri. Sudeep Dinesh	Assistant Professor	M.Tech, PhD*	9746930925
6.	Sri. Jithin V.M.	Assistant Professor	M.Tech, PhD*	9447449649
7.	Sri. Deepu R.J.	Assistant Professor	M.Tech	8921391495
9.	Sri. Harikrishnan P.	Assistant Professor	M.Tech	9496712925
10.	Sri. Muhammed Khais A.	Assistant Professor	M.Tech	9847060348
11.	Sri. Vipin Babu	Assistant Professor	M.Tech	9567223734

LAB STAFF

12.	Sri. Chinmayan V.	Instructor Gr.I	9447039832
13.	Sri. Rahul R.	Instructor Gr. II	9497358817
14.	Sri. Sujeesh G.	Trade Instructor Gr-II	9446025047

8.5 CIVIL ENGINEERING

Sl.No.	Name	Designation	Qualification	Phone No.
1.	Sri. Senthil Kumar P.	Assistant Professor	M.Tech, PhD*	9995890729
2.	Dr. Uma Mohan	Assistant Professor	M.Tech, PhD	7907934926
3.	Smt. Sabna Mohanan	Assistant Professor	M.Tech	9497338050

8.6 APPLIED SCIENCE DEPARTMENT

Sl.No.	Name	Designation	Qualification	Phone No.
1.	Sri. Romy Roy	Assistant Professor (Maths)	MSc, MEd, NET	9447659638
2.	Rajalekshmi I S	Assistant Professor (Maths)	Msc. Maths, N ET	9497393698
3.	Smt. Thushara S.	Assistant Professor (Maths)	MSc, BEd	7025494408
4.	Dr. Sidhartha Sarma S.K.	Assistant Professor (Maths)	MSc, PhD	9744209809
5.	Smt. Haritha H.	Assistant Professor (Physics)	MSc	9495969732
6.	Smt. Bindu V.	Assistant Professor (Chemistry)	MSc, BEd	8156840588
7.	Sri. Lalu S.	Assistant Professor (Phy.Edu.)	M.Ped	9446835911

LAB STAFF

8.	Smt. Reshma R.	Lab Assistant (Chemistry)	8075357382
9.	Smt. Anjali A.K.	Lab Assistant (Physics)	9562229697

8.7 CENTRAL LIBRARY

Sl.No.	Name	Designation	Qualification	Phone No.
1.	Smt. Jyothi S.	Librarian Gr.II	MLISc	9400417650
2.	Sri. Arun Cheriyan Abu	Librarian	MLISc	9567791327
3.	Neethu V	Library Attender	CLISc	9544655428

4.	Sheela R	Library Attender	CLISc	8593870012
----	----------	------------------	-------	------------

8.8 ADMINISTRATIVE STAFF

Sl.No.	Name		Phone No.
1.	Sri. M.N. Devarajan	Administrative Officer	9446396412
2.	Sri. Biju.S	Jr. Superintendent	9745390261
3.	Sri. Santhosh K.V.	Assistant Gr I	9961041830
4.	Sri. Sujith K.S.	Assistant Gr I	9447865183
5.	Smt. Sreelekshmi G.S.	Assistant Gr I	9497674001
6.	Smt. Anjana Sivan	Assistant Gr I	9447245930
7.	Smt. Anila RAJ.P,	Assistant Gr I	
8.	Sri. Harikrishnan R.	Assistant Gr II	8086443090
9.	Sri.Anas.S.R.	Electrician & Plumber	9656392275
10.	Sri. Sajeew R.	Peon	9447181015
11.	Sri. Vijayankutty P.	Security Guard	9961786974
12.	Sri. Balachandran Pillai	Security Guard	9847147013

13. Sri. Ajesh S.	Office Security	8907414924
14. Sri. Rejith R.	Office Security	9995891937
15. Sri. Shine S. Pillai	Security Guard	9645803357
16. Sri. Jayakumar S.	Security Guard	9446289105
17. Sri. Sreekumar.T	Security Guard	
18. Sri. Ullas Krishnan U.	Attender cum Driver	8907887124
19. Smt. Neethu V.	Sweeper	9544655428
20. Smt. Sheela R.	Sweeper	8593870012
21. Smt. Mini P.	Sweeper	9605133315
21. Smt. Jayasreekumari P.	Part time Sweeper	9446107502
22. Smt. Sujatha L.	Part time Sweeper	9961663749
23. Smt. Lalithambika	Part time Sweeper	
24. Smt.SUseelamma		9562073867

8.9 BUS DRIVERS

Sl.No.	Name	Designation	Phone No.
1.	Sri. Suresh Surendran	BusDriver	9947341526
2.	Sri. Chandra Babu	BusDriver	9895139101
3.	Sri. Rajendra Babu	BusDriver	8075097236
4.	Sri. Ajeesh.s	BusDriver	9895405640
5.	Sri. Suryakanthan T	BusDriver	9947584278
6.	Sri. Vijayan V.	BusDriver	9020445657
7.	Sri. Sreekumar	BusDriver	7902849289
8.	Sri. Suryakanthan.D	Bus Driver	9947584278
9.	Sri. Bejoymon	Bus Driver	7902849289

9 COLLEGES UNDER CAPE

Phone No.

1.	College of Engg. Perumon, Kollam	0474-2550500
2.	College of Engg. Kidangoor, Kottayam	0482-2255056
3.	College of Engg., Vadakara, Kozhikode	0496-2536125
4.	College of Engg. Thalassery, Kannur	0490-2307190
5.	College of Engg. Trikkaripur, Kasaragod	04997-250377
6.	College of Engg. and Management, Punnapra	0477-2266711
7.	College of Engg. Pathanapuram	0475-2022810
8.	College of Engg. Aranmula	0468-2319131
9.	College of Engg. Muttathara	0471-2500211

Appendix I

Guidelines to achieve growth in life

1. Continuous improvement result in growth
2. To have improvement, we should know our shortcomings.
(Retrospection)
3. Examinations, Competitions, Interviews etc help us in Retrospection. Besides, get the guidance/advice of friends (Analysis)
4. Once the shortcomings are identified, Work hard to overcome it.
(Rectification)

Tackling an Exam

1. Three weeks ahead to the examinations, Segregate the Topics Formulae into two categories.
2. Category 1 should cover all the Top Priority Topics & Formulae (Refer Previous 3 years Question papers - Both Series & University Exam.)
3. Category 2 should cover all the remaining Topics & Formulae
4. Repeat the procedure for all Subjects.
5. Prepare a Time- Table by giving more priority for Category 1.
6. Once each topic is prepared thoroughly, mark it properly.
7. Drink enough water and sleep for a minimum of 6 hours.
8. Before leaving to the examination centre, have a check for Instruments, Required Statistical Tables, ID Card & Hall Ticket. Besides revise the topic in Category 1
9. Be seated in the hall 10 minutes prior to the examination.
10. Thorough & Ordered preparation will help us to get ride of Tensions & Worries.

Test your Group Discussion (GD) Skills

The Group Discussion forms an integral part of a company's selection process. As in a football games, where we play like a team, passing the ball to each member and aim for a common goal, GD s also a team work, where we share our views. Here are some of the most important personally traits that a candidate should possess to excel at a GD.

Knowledge, Initiative & Assertiveness	- Qualities of Leader
Listening & Flexibility	- Qualities of a Manager
Reasoning & Creativity	- Qualities of an Engineer

Refer

www.gdpi.ascenteducation.com

Face an Interview

Conventional Questions.

1. Significant achievement in your life.
2. What is your Career objective?
3. Most challenging moment in your career? How did you get it resolved?
4. Where do you see yourselves after 10 years?
5. What are your strengths and weaknesses?
6. Differentiate Hobbies & Interests / Creativity & Innovation.
7. What things give you the greatest satisfaction at work?
8. What kind of things do you feel most confident in doing?
9. What things frustrate you the most? How do you usually cope with them?
10. Describe yourself as a person?

COLLEGE OF ENGINEERING

PERUMON

KOLLAM - 691 601

UNDERTAKING BY THE STUDENT

(to be Submitted at the time of Admission/Registration to a course)

I do hereby give the undertaking that I will fully comply with the provisions envisaged in the Kerala Technological University Students (Conduct and Disciplinary), in its letter and spirit and I am fully aware of the disciplinary actions which can be against me, if I fail to comply with the provisions of this code.

Signature :

Name of Student :

*Course / Semester to which
admission or registration is sought* :

Admn. of (if allotted) :

Date :

LIST OF APPROVED HOSTELS

SL. NO.	HOSTEL NAME	BOYS /GIRLS	NAME AND PHONE NUMBER OF WARDEN
LADIES HOSTEL			
1	MULLUVILA HOSTEL	GIRLS	MRS.THANKAMMA JAMES 9995206669 /9446112226
2	THIRUVATHIRA	GIRLS	MS. ASWATHY / PRASAD R 9744566941/9947732171
3	PRIYAS	GIRLS	BINDHU L 8547958428 / 8547936208
4	THE GREEN LAKE VIEW	GIRLS	MRS. SUBI 6282375876
5	VAIGA NIVAS	GIRLS	MRS. VINEETHA 9809393569
MENS HOSTEL			
1	PONNUS HOSTEL	BOYS	MRS. MINI SALU 9895345087
2	THIRUVATHIRA	BOYS	MRS.NISHA 9526642446 / 9645708079
3	MAHALEKSHMI	BOYS	MR.HARSHAKUMAR 9633862220
4	UMESH BHAVAN	BOYS	MR. UMESH KUMAR 8281933172 / 9072849361
5	LUCKY	BOYS	MRS. PADMINI 9048145149
6	BETHLEHEM	BOYS	BOBY LEONS 9496597961

HOSTEL COMMITTEE

SUJARANI M.S.	9495918218
SUMA S.	8129375603
SAJEER	9847525885
SUJEESH G.	9446025047
VISHNULAL V.S.	9946535020

PRINCIPAL

[illegible]

CAREER GUIDANCE AND PLACEMENT CELL