INFORMATION
BULLETIN 2022-2023

COLLEGE OF ENGINEERING PERUMON

*(Und*er the Co- operative Academy of Professional Education, Estd. by Govt. of Kerala)
Programmes Accredited by NBA* & An ISO 9001-2015 Certified Institution
*UG Electrical and Electronics Engg., Electronics and Communication Engg. Accredited by NBA till 2025

PERINAD P.O., KOLLAM Dist.
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Information Bulletin

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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)

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.S.Jayakumar

Director (i/c) 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 a seven 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 Punnapra was started during the academic year 2008 at Punnapra 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 overwhelming 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 Punnapra 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 Punnapra 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 Inaguration ceremony of College of Engineering Muttathara was done by the then Hon'ble Chief Minister of Kerala, Shri.Oommen Chandy on 16.02.2016.

Excellence is the watchword 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 (90 Seats)
2. Electrical and Electronics Engineering (60 Seats)
3. Computer Science and Engineering (90 Seats)
4. Mechanical Engineering (60 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 Dr. Z.A. Zoya . The present Principal is Prof. (Dr.)Bindu S. 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 Techinical 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 ISO Certification

College of Engineering College Perumon has attained recognition of ISO 9001:2015 certification from the Integrated Quality Certification Ltd.ISO 9001:2015 is a standard that sets out the requirements for a quality management system. It helps organizations to be more efficient and improve customer satisfaction. The ISO certification will give a better acceptance of the institution among the industry fraternity both for industry – institute collaboration as well as for placements.

1.1.6 NBA Accreditation

The National Board of Accreditation (NBA) has given accreditation for the B.Tech programmes in Electronics & Communication Engineering and Electrical & Electronics Engineering for the academic years 2018-19 to 2021-22 22 which extended upto 2025. Our college is one among the few colleges in Kerala that has been accredited by AICTE National Board of Accreditation.

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 Students:

Students studying in NBA accredited Institutions can be assured that they will receive education which is a balance between high academic quality and professional relevance and that the needs of the corporate world are well integrated into programmes, activities and processes. It signifies that he has entered the portals of an Institution, which has the essential and desirable features of quality professional education.

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.

1.1.7 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 creates 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 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.

♦ Organized three international conferences, ten national conferences and two national symposiums by various departments (2018- 22)

♦ Authorized training center for ASAP (Additional Skill Acquisition Program) courses with well equipped high-tech air conditioned laboratory cum class room.

♦ Skill and Knowledge Development Centre(SKDC) for elevating students skills to global standards inaugurated on 9-5-2022 and distribution of laptop to address the digital divide scheme of APJKTU in the technical education sector by MLA, Sri Mukesh.

♦ Institution is selected for "AICTE DISTINGUISHED CHAIR PROFESSOR". Dr.Anil Kakodkar, former Chairman of Atomic Energy Commission and Director of Bhabha Atomic Research Centre is nominated as Distinguished Chair Professor for our Institution(2021-22).

- Received an amount of Rs. 19.23 lakh for MODROB "**E-Mobility Lab**" by AICTE.

- Achieved a Patent for the invention of **"RFID based smart Library Systems"** for a period of 20 years , by students under the guidance of Prof. Sivathanu.L , AP in ECE (Date of Grant: 05-07-2021).

- Online Faculty Development Program on **"Research Trends in Design and Control of Electric Vehicles"** from 17 to 21 January 2022 for an amount of Rs.93,000 submitted by 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

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- CSI student branch CE Perumon has got best entry level student branch award 2020-21.

- Special appreciation to Prof. Ratheesh S AP in CSE from Regional Director of NSS for "Mapathon Keralam" project- KTU NSS CELL .

- Participation in Republic Day Parade as the Hub student representative Sneha.S of ECE Department- Travancore for ComSoc Kerala chapter Student Leadership Team 2022.

- Participation in the '**NATIONAL INTEGRATION CAMP**' representing Kerala and APJKTU university **- Kiran M of S4 CSE** at Coimbatore Sri Ramakrishna College of arts and science. He was one of the 10 volunteers selected for the national integration camp.

- Divyasree D of S2 CSE won First position in the Online National Level Quiz Competition conducted by NCC Unit of Baselious College , Kottayam.

- Our student NCC Cadets V. Vishu Hari and Nithin Thomas were got selected in INDIAN NAVY.

- Sindhoory Santhosh of S5 EEE has been selected to the documentation team of IEEE Link under IEEE Travancore Hub.

- Lydia Thomas, Devagovind J and Amrita S of CS4 selected as Co Chair(Design), and Vice Chairs in SAC(Students Activities Committee) CSI Trivandrum chapter.

- M.Tech 2021 passout student Gayathri J. L's MTech thesis under the guidance of Dr. Bejoy Abraham, Associate Professor in CSE and Smt. Sujarani M.S, AP in CSE got Best Masters Thesis Award (consolation) in the 4th Edition of IEEE Graduate Congress GraTE'7'-2022.

- **Kerala Olympics District Competition -** Pranav Sreenath S4 CSE - Won Silver Medal in at Pathanamthitta and qualified to Kerala Olympics State level.

- **Kerala Olympics State Shooting Championship-** Pranav of S6 CSE secured Gold Medal at Team Event, 4th place at Individual event

- Deepa and Aattu of S5 ECE for securing Bronze Medals in Individual Kumithe Competition.

- Mr.Kollam Competition -Binoy Pious,S5 ECE secured 5'th Position.

- Ansaf Salim of S1 CSE for securing Bronze Medal in State Level Karate Championship.

- The short film " Morpho" directed by Sreehari of S7 ME got the Title **"Best Short Film 2021 "** from the Social Justice Department, Govt of Kerala.

- The short film "KNOCK" directed by Aswin T of S5 IT & his team selected for Mumbai Independent Film Festival.

- Aneez S, EEE 2008-12 Batch has secured 403rd rank in the **Civil Service** Examination

- Ambu S (2008-2012) Batch got selected in IRPFS (Indian Railway Protection Force Service) through **Civil Service** Examination(2020-21).

- Our CSI Student branch Executive Committee member Lydia Thomas of S4 CSE selected for Highest Committed Student Branch Champion (Female) 2020-21.

- **GARVIN** - An Autonomous Electric Vehicle project by final year B Tech students of EEE department, guided by Dr Bindu S.J. Head of the Department,EEE

- Gangothri and her team (2017-2021 Batch) developed " **E-THAP**" a device that can measure body temperature without the help of human intervention and is useful in the current pandemic situation of COVID and got media coverage.

- 50 units of automatic sanitizer "e-Shudhi" developed by 2017-2021 Batch students delivered to 18 important public places including hospitals, KSRTC bus stations , fire stations etc.

- Pradeesh Lal and his team (2017-2021 batch) got short listed for National level RFID Challenge organized by IEEE India section 2021 for developing a robot " **Robio a convalescent robot"** which can be used to measure the body temperature, oxygen level in blood and pulse rate of COVID patients and can be observed through phone.

- Sabari S Ashan and his team (2018-2022 batch) developed a project " **Water cleaning vacuum pump and quality monitoring system** " as academic project got news coverage by media.

- EC 2017-21 batch developed a project "**Temperature and Face recognition Robot with self sanitization**" received Viewers choice award in "Abhinav Vichar", intercollegiate state level project competition hosted by IEEE AISAT.

- Akash V. of 2020-2024 batch won First prize for 3 Level coding competition conducted by IEEE students Branch CE Perumon.

- Jyothis J S of 2020-2024 batch won the second prize for JAM competition conducted by 3 Kerala Naval NCC Unit ,CE Perumon.

- Akash V. of 2020-2024 batch has won First prize for Ad Making Competition conducted by IEEE students branch CE Perumon.

- Vaishnavi S R and Ashik Shajan of 2019-2023 batch has secured SGPA 10/10 and became toppers in Third Semester KTU Examination.

- Karthik S. of 2018-2022 batch has participated in the online quiz competition based on life of Gandhi organised by NSS units of TKM College of Engineering under the auspices of NSS cell of APJ Abdul Kalam Technological University in connection with the 150th Birth Anniversary of Mahatma Gandhi.

- NSS Unit 539 of College of Engineering Perumon donated more than 2000 book collection to Kites Foundation BOOK FARM book collection campaign for setting up the library for rural area to Promote Reading.

2. PROSPECTUS

2.1. Mode of Admission and Eligibility Conditions

Out of the total seats available 70% seats are under the state quota and 25% are under the management quota and the remaining 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 eligibility criteria are included in section 6.1.

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 : Mrs Manju Latha P.A. - Asst. Prof.(Maths) 9961624291

        Mr. Romy Roy   - Asst. Prof.(Maths) 9447659638

Class	Name of Class Advisor	Ph. No:
S1S2 CS-A	Prof.Sidhik A	9995448313
	Prof.Remya R	9495903496
S1S2 CS-B	Prof.Muhammed Azharuden Sahib	9495550834
	Prof.Suja Vijayan	9846372722
S1S2 EC	Prof.Navitha K Krishnan	9447097691
	Prof.Dhanya M	9447013719
S1S2 EE	Prof.Rekha T	9497776509
	Prof.Sreeraj	8907536022
S1S2 ME	Prof.Jithin V M	9447449649
	Prof.Senthil Kumar	9995890729

2.4. Academic Software

College uses an Academic Software for recording Academic Activities. The webportal id iswww.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, internalmarks, assignmentmarks, university marks etc.Parents shall contact respective class advisors for getting username and password, and also in case any difficulty in logging in thesoftware. Teachers enter the attendance of students immediately after engaging a period.Also the marks of internal exams, assignments etc. are entered after evaluation, so thatparents can view them through their login. From this seme steronwards attendance,mark setc. 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.l. No	Items of Fees	Govt. Quota	Manage-ment Quota	NRI	SC/ST OEC
1	Tution Fee	35000	65000	100000	**35000
2	Admission Fees (one time)	250	250	250	250
3	Establishment Fees	2000	2000	2000	2000
4	Students Activity Fund	1000	1000	1000	1000
5	Caution Deposit (one time)	5000	5000	5000	5000
6	KTU Administration Fees	1050	1050	1050	1050
7	Library & Laboratory Fees	2000	2000	2000	2000
8	University Exam Fee (per sem)	1500	1500	1500	1500
9	Uty.Affiliation fee (one time)	750	750	750	750
10	Arts & Sports fess	530	530	530	530
11	PTA	3000	3000	3000	3000
12	ID Card & Academic Software	975	975	975	975
13	Co-Operative Society	55	55	55	55
14	Palacement Cell	500	500	500	500
15	Bus Fund (one time)	3000	3000	3000	-

** For SC Students,fees from the SC Dept. directly credited to the students account from 2021 onwards

2.7.   Discipline, Conduct and Behaviour

1. 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)

2. Behavior of the students, both within and outside the college premises should be decent and befitting to a professional institution.

3. The student should move silently when proceeding from one class without disturbing classes at work.

4. No student shall leave the class before the class is dispersed or without the permission of the teacher-in-charge of the class.

5. 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.

6. 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.

7. Students should observe strict silence in library and internet lab. They should not make any disturbance to others.

8. Scribbling or etching on drawing boards, desks and writing on the wall are strictly prohibited.

9. Students should not misplace articles, furniture or books in the classrooms, laboratories or library.

10. 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
Lunch Break	**12.10 -**		**02.00 pm**
4th Period	11.50	-	12.40 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 lump sum 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) Merit cum 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) Pragat - Girls Students

(xi) Indian Oil Corporation Scholarship

(xii) CRPF & Assam Rifles/RPF-PM Scholarship

(xiii) Samunnathi

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.

2.14. Third International Conference on Innovations in Science & Technology for Sustainable Development (ICISTSD -2022)

The Third International Conference on "Innovations in Science & Technology for Sustainable Development" (ICISTSD 2022) sponsored by TEQIP II four funds, technically co-sponsored by IEEE Kerala Section was organised by department of Electrical and Electronics Engineering and Electronics and Communication Engineering, College of Engineering Perumon from 25th to 26th of August 2022.The conference theme is "sustainable engineering and design". Harnessing technology innovations in science and engineering for inclusive and sustainable development. The conference focuses on the latest technologies, strategies and challenges in E-mobility, Machine learning and deep learning based systems, computer vision and image processing, signal and image processing, sensors and optical.

The conference provides a platform for the academicians and the practitioners where they can share knowledge and discuss progressive ideas on the traditional as well as contemporary topics topics in science and technology to build sustainable future.The technical Sponsors, IEEE are the world's largest technical professional association dedicated to advancing technological innovation and excellence for the benefit of humanity, especially IEEE Kerala chapter for their stead fast support since its inception and their assistance has been valuable.

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 seven 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 organised 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 organised faculty development program on Advanced Communication Technologies and Signal Processing on April 14 - 23, 2018.

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

Department of Electronics and Communication Engineering has organised 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 organised the 2'nd National Conference on Emerging Trends in Electronics and Communication Engineering 2019(NACETEC'19) on 20 and 21'st 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 organised a faculty development program on " Future trends in NEMS" from 10/01/19 to 15/01/2019 under TEQIP II four funds.

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.

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

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

Organised 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 .

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 fundamendals 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.

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 organised regularly. Department organises national conferences regularly.

Department of Electrical and Electronics has organised National Conference on Future Technologies in Power, Control and Communication Systems on March 10th to 12th, 2016, Second National Conference on Future Technologies in Power, Control and Communication Systems on March 23rd and 24th, 2017 and National Research Colloquium on Recent Advancements in Electrical Engineering on 13th and 14th March, 2017.

Third National Conference on Future Technologies in Power, control and communication systems(NFTPCOS-18) was held on 16/03/2018 &17/03/2018 and fourth National Conference on Future Technologies in Power, control and communication systems (NFTPCOS-18) was on 26/03/2019 to 27/03/2019. Second International Conference on Innovations in Science and Technology for sustainable Development (ICISTSD 2022) technically sponsored by IEEE Kerala Section was held on 25/08/2022 and 26/08/2022.

As part of Industry Institute Interaction, MOU has been signed between Department of Electrical & Electronics Engineering and CDAC Trivandrum, KEL Kundara and Entuple Enterprises. By utilising this opportunity, our students developed five IPs using HSRPEC technology of CDAC. A faculty Development Program on Emerging Control techniques in Smart grid empowering Electric vehicles was organised from 10/10/2022 to 21/10/2022 under ATAL Academy. An ATAL online FDP on Research Trends in Design and Control of Electric Vehicles was conducted from 17-01-2022 to 21-01-2022. Department of Electrical and Electronics

Engineering has organised a KTU-Sponsored Faculty Development Programme on "Industrial Automation" from 16 – 18 January 2019). A faculty development program on high speed reconfigurable power electronic controllers was organised from 24/04/2018 to 30/04/2018.

Department of Electrical and Electronics Engineering has organised a KTU-Sponsored Faculty Development Programme on "Industrial Automation" from 16 – 18 January 2019).
Department of Electrical and Electronics Engineering has organised a faculty development program on " Mi Power:-Applications in Power systems " from 01/11/18 to 05/11/2018.

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 8 th to 12 th March -2021.

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 Programing Lab.
3. Research and Development Lab.
4. Project Lab.
5. Network and OS Lab.
6. Hardware Lab.
   Department of Computer Science and Engineering has organised KTU sponsored
FDP on Emerging trends and developments in Biomedical Engineering from 9 th to 14 th 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 organised 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

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 are hoping to have more and more enrichable program to be got conducted for the upcoming years on the banner of EARNEST. We have conducted a Technical Expo "Open House 2016" on March 22-23, 2016. The Tech Fest ADVIB-18 was organised and conducted by the department association on 16th - 17th February, 2018. College radio was launched on 16th February, 2018. The Abstract Book 2K18 and Newletter 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 Alumini Interaction - Anjitha Viswanath , ISRO.

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 organised 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 makestudents 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 programms 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 2011. 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.

Dyuthi, the student association of department of Electrical and Electronics Engineering was established in the year 2005. Dyuthi conducts various workshops, technical talks by eminent personalities, technical expo, short term courses, exhibitions etc. The annual publications include Newsletter DYUTHI, Technical Magazine RHEOS, Journal, Project book NIRYUH and abstract book.

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. Bindu S J (Principal)   9447150400
2. Vice President : Mr. Gopakumar P.K.   9400195550
3. Secretary : Mr. Rahul Charles C.M. (Asst. Prof. EEE) 9496366337

Executive Members from Parents Side

1. Mr. T.S. Poulose   8547293952
2. Mr. Siddharathan B. Asan   8606413233
3. Mr. Sajimon A.   9446527040
4. Mrs. Sunitha Sunil   9910943328
5. Mr.Chandra Babu   7356247171

Executive Members from Teacher's Side

1. Dr. Bindu S.J. (Assoc. Prof., EEE)   9847831272

1. Mrs.Jasna Basheer (Asst. Prof., EEE)   9496332274

2. Mr. Suneer K.S. (Asst. Prof., ME)   9446639190
3. Mrs. Suja Rani M S. (Asst. Prof., CS)   9495918218
4. Mrs.Dhanya M. (Asst. Prof. ECE)   9447013719

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

1. Mr. Venu P. (Trade Instructor in ECE)   9846501790

2. Mr.Sudheendran T S(Trade Instructor in EEE) 9995079599

The PTA owns 8 college buses for managing its operation. 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 six 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

BusRoute-1(Mevaram toCollege)

Driver Name : Chandra babu   Mob:7357761947

Boarding Point	Time	
	To college	From college
Mevaram	8.05AM	5.00PM
Thattamala	8.15AM	4.55PM
Madannada	8.25AM	4.50PM
Polayathod	8.30AM	4.35PM
KollamRailway station	8.35AM	4.25PM
College	9.50AM	4.10PM

Bus Route - 2 (Karunagappally to College)

Driver Name : Rajendranathan Pillai   Mob: 9495892680

Boarding Point	Time	
	To college	From college
Karunagappally	7.40AM	5.50PM
Sangaramangalam	8.00AM	5.15PM
Sakthikulangara	8.15AM	5.10PM
Ramankulangara	8.20AM	5.05PM
Anchukallumood	8.25AM	5.00PM
Collectorate	8.30AM	4.50PM
HighSchoolJunction	8.35AM	4.45PM
College	9.00AM	4.10PM

Bus Route - 3 (Kottarakkara to College)

Driver Name : Suryakanthan   Mob : 9947584278

Boarding Point	Time	
	To college	From college
KSRTCStandKottarakkara	7.45AM	5.10PM
Neduvathur	8.05AM	5.05PM
Ezhukone	8.15AM	5.00PM
Arumurikkada	8.25AM	4.55PM
College	9.00AM	4.10PM

Bus Route - 4 (Paravoor to College)

Driver Name : Vijayan V.   Mob : 9020445657

Boarding Point	Time	
	To college	From college
Paravoor	7.40AM	5.30PM
Thirumukku	7.55AM	5.15PM
Kottiyam	8.10AM	5.10PM
Kalluthazham	8.25AM	5.05PM
Karikcode	8.30AM	5.00PM
Chandanathope	8.35AM	4.50PM
College	9.00AM	4.10PM

Bus Route - 5 (Kannanalloor to College)

Driver Name :Suresh S   Mob:9947341526

Boarding Point	Time	
	To college	From college
Kannanalloor	7.45AM	5.10PM
Ayathil	8.10AM	5.05PM
Chemmamukku	8.25AM	5.00PM
Ashramam	8.30AM	4.55PM
KSRTCStand	8.35AM	4.50PM
College	9.00AM	4.10PM

<u>Bus Route - 6 (Parippally to College)</u>

Driver Name : Rajendra Babu   Mob: 9495067745

Boarding Point	Time	
	To college	From college
Parippally	7.40AM	5.20AM
Chathannur	8.00AM	5.10PM
Perumpuzha	8.20AM	4.55PM
Kundara	8.30AM	4.50PM
Keralapuram	8.35AM	4.45PM
College	9.00AM	4.10PM

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. Mrs. Sowmya K.S. (CS)
2. Mrs. Rekha T. (EEE)
3. Mrs. Thasneem Salam (ECE)

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. Bindu S J (Principal)   - President
2.   Mrs. Dhanya K (Asst. Prof., ECE)   - Vice President
3.   Mr. Venu P. (TM in ECE)   - Secretary The present committee member are :
The present committee member are :   Mr.Navas Y, (Comp. Programmer)
                                           Mrs. Suja Rani M S (CS)

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.

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).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 (2021-22)

SL No	Name of the Committee	Name of Chairman/ Co-ordinator/Convener	Name of Members
1	Project Committee	Mrs.Uma Mohan (Civil) Mrs.Anitha Rani (AE)	Senthil Kumar P (Civil) Thasreef H R (EEE)
2	PTA Committee	Mr.Rahul Charles (EEE)	Jasna Basheer (HOD EEE) Dhanya M (ECE) Sudheendran T S (EEE) SujaRani M.S (CSE) Suneer K S (ME) Venu P (ECE)
3	Purchase committee	Principal	Administrative Officer,ALL HOD's
4	Placement cell	Mr.Muhammed Azharudeen Sahiib(CSE)	Sujarani,(CS),Sidhik A (CS), Viji Chandran (EEE) Jasna K (ECE), Sony.R (ME), Jasim Jalaludeen (ECE) Sri Navas . Y(Comp.Programmer)
5	College Bus Committee	Mr.Sudheendran T S (EEE) & Mr.Sudeep Dinesh (ME)	Rahul.R (ME), Remya.R (CS), Archa A B, Jaseena A (EC), Chinmayan V (ME)
6	NSS Committee	Dr.Varun Chand (CSE)	Sabna Mohanan (Civil)
7	Hostel Committee	Mrs. Sujarani M S (CS)	Suma.s (ECE), Sajeer.S (CSE), Sujeesh (ME), Edwina Rodrigous (EEE)
8	Alumni Association	Mrs.Jasmi (EEE)	Dhanya.M (ECE), Ajith.A (ECE), Rekha T (EEE), Sidhik A (CS), Surya S.R .(TS)
9	Sports Committee	Mr. Lalu S (PE)	Vishnu Lal (EEE),Rejith. (ECE), Chinmayan (ME), Suma (ECE)
10	House Keeping Committee	Mrs.Anitha Rani(AE)	Smrithi V (ECE), Rajith.R (ECE), Vishnu Lal (EEE), Rekha T (EEE), Jithin V M (ME), Remya (CS) Arun C Pillai (CS), Sony R (ME)
11	Library Committee	Mrs.ManjuLatha P A (AS)	Librarian

12	Ethics Committee	Dr. K S Angel Viji (CS) HOD	Pradeep T S (ECE), Jithin V M (ME), Mukunda Kumar M (ECE), Sajeer S (CS)
13	Women's Forum Internal complaint Committee	Mrs.Sowmya.K.S (CS)	Rekha T (EEE), Thasneem Salam (ECE)
14	Network administration and Website Committee	Mr. Mukunda Kumar M (EC),	Sri.Navas Y(Comp.Programmer) Smrithi V (EC), Thasreef H R (EE), Jaseera A (CS), Sajeer S (CS)
15	IEDC Committee	Mr.Ratheesh S (CS)	Senthil Kumar (ME), Jasmi M S (EEE) , Thasneem Salam (ECE)
16	IQAC Committee	Dr. Rajeesh (ECE)	Dr. Angel Viji K S (CSE), Surya. S.R (CS), Dhanya. M (NBA), Sony R (ME) Viji Chandran (EEE), Smrithi V (EC)
17	IIIC Committee	Mr.Surjith. S	Thasreef H R (EEE), Suja Rani (CS) Senthil Kumar (Civil), Jasim Jalaludeen (ECE)
18	Continuing Education Committee	Mr.Anoop S (CS)	Sudeep Dinesh (ME), Jasim Jalaludeen (ECE), Aseena A (ECE) , Sajeer S (CSE) Arun C Pillai (CSE), Sri Navas . Y (Comp.Programmer)
19	First year Co-ordinators	Mrs. ManjuLatha P A (AS) & Mr.Romy Roy (AS)	Tutors of all department
20	Counselling committee	Mrs.Navitha K Krishnan (ECE)	Tutors of all department
21	ISTE/IEEE	Mrs.Tasneem Salam (EC)	Archa A B (ECE), Rahul Charles (EEE)
22	Brochure Committee	Mr. Anoop S (CSE)	Reshma. R. (ECE), Arun C. Pillai (CS)

23	Anti Ragging Committee	Mr. Pradeep T S (EC)	All first year tutors, Arun C Pillai, Romy Roy (AS), Manju Latha (AS)
24	Tour Committee	Mrs. Saritha M (EEE) Dr. Dileep lal (ME)	Mr Thasreef H R (EEE) Dr. Varun Chand H (CS) Syam Kumar G (ME) Jasna K (ECE)
25	College Magazine	Mr. Dinu A.G	Venu.P (ECE), Vishnu Lal(EEE)
26	AICTE Committee	Mr.Jasim Jalaludeen(EC)	Mrs Navitha K Krishnan (ECE), Saritha.M (EEE), Uma Mohan (civil) Anish A Aziz (CS), Manju Latha (AS)
27	Staff Advisor	Mrs.Dhanya M (EC)	
28	University Exam Cell	Mr.Muhammed Nizar.B.K(CSE)	Romy Roy (AS), Sidhik A(CS) , Dinu A G(EC)
29	Attendance Software	Mrs. Suja vijayan(CS)	Jithin V M (ME), Archa A B (ECE), Suja Rani (CS),Thasreef (EEE)
30	Arts Committee	Mrs.Remya R (CS)	Muhammed Nizar B K (CSE), Surjith S (ECE) Jaseena (ECE) Rahul R (ME),Rejith R(ECE)
31	Canteen Committee	Mr.Shamim F H (Junior Superintendent)	Venu. P (ECE), Jaseera A (CS), Rahul Charles (EEE)
32	KTU Committee	Dr.Arun P. L (EC)	Sabna Mohanan (Civil)
33	NBA Committee	Mrs.Dhanya M (ECE)	Shamim F H (Junior Superintendent) Suneer K S (ME) Sudheendran T S (EEE)
34	Election Committee	Dr. Arun P L(EC)	Thasreef H R (EE)
35	First year Orientation	Mrs.Manju Latha(AS), Mr.Romy Roy(AS)	First year Staff advisors.
36	NPTEL	Mrs.Aseena A(EC)	
37	Grievance Redressal Cell	Mr. Pradeep T S(EC)	All Head of the Departments.

38	Series Exam Co-ordinator	Mrs. Jasna K. (ECE)	Deepa K. Daniel (CS) Jasmi M S (EEE) Jithin V. M (ME), Dr. Sidharth Sharma S K(AS)
39	College News Letter	Mrs.Jasna Basheer (EEE) HOD	Arun C Pillai (CS) Mukundakumar M (EC)
40	Disciplinary Action Committee	Dr.Dileeplal J(HOD) (ME)	Pradeep T.S (EC), Rekha T (EE), Sudeep Dinesh (ME) ,Sidhik A (CS)
41	Grievances and Appeal Committee	Dr. Rajeesh J(HOD)(EC)	Rahul Charles (EEE), Surya S R (CS) , Sony R (ME)
42	SKDC Committee	Mr. Senthil Kumar P (CIVIL)	Deepa K Daniel (CS), Thasneem(EC), Sudeep Dinesh (ME) Viji Chandran (EEE)
43	SKDC Training Programs	Anish A Aziz (CS)	Sri. Navas Y(Comp.Programmer)
44	NCC	Sub. Lt. Ajith A (EC)	
45	Valuation Camp	Mr.Suneer K.S(ME)	Surjith S (ECE), Dhanya M (ECE), Venu P(EC)
46	ASAP& INCAETEK Programmes	Mrs.Deepa K Daniel (CS)	Jaseera A (CSE), Arun C Pillai (CSE) Smitha C.S (CSE)
47	Tech Fest Committee	Mr.Jithin V M (ME) Mrs.Edwina Rodrigues (EEE)	Rejith R (EC), Sabna Mohanan (Civil), Saritha M (EEE)

COLLEGE OF ENGINEERING PERUMON

(Under the co-operative Academy of professional Education Estd. By Govt of Kerala)

Sub: CEP- Constitution of various committees for the academic year-2021-22

Ref: Staff meeting held on 09-11.2021.

The Various committees for the academic year-2021-22 are constituted as follows COMMITTEES FOR THE ACADEMIC YEAR 2021-22

PRINCIPAL

COLLEGE OF ENGINEERING PERUMON

(Under the co-operative Academy of professional Education Estd. By Govt of Kerala)

Sub: CEP- Constitution of various committees for the academic year-2021-22

Ref: Staff meeting held on 09-11.2021.

The Various committees for the academic year-2021-22 are constituted as follows

COMMITTEES FOR THE ACADEMIC YEAR 2021-22

➤ Principal and Administrative Officer will be ex-officio members in all committees/wherever required.

5.   HISTORY OF ACADEMIC EXCELLENCE

Right from the first batch itself, the college has been rated high for its academic excellence among the various colleges under the Cochin University of Science & Technology. 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	II
	Sreejith S.	EEE	III
	Sudhin Dinesh	CSE	III
2005	Arun A.	EEE	I
	Nisha	CSE	I
	Aneeshya Raveendran	EEE	II
	Solymol K.C.	EEE	III
	Mala J.B.	IT	III
2006	Dony C.S.	EEE	I
	Arun Babu	EEE	II
	John Samuel	CSE	II
	Nadia	IT	II
	Aswathy Raj	EEE	III
	Helen Sherly	IT	III
2007	Deepa Chandran	ECE	I
	Divya Vijay	EEE	I
	Remya S. Nair	IT	III
	Deepa P.S.	CSE	I
2008	Bhagya S.	IT	III
	Lakshmi S.	EEE	III
2009	Rainu Boban	CSE	III
	Aneesh Kumar A.S.	EEE	III
2010	Neomi Nelin Nicholas	IT	III
2011	Anuga G.	IT	II
	Jincy George	EEE	II
	Ajina P John	ECE	III
2012	Anu S. Lal	IT	II
2013	Resmi Chandran	IT	III
2014	Athira K.R.	M.Tech CIS	III
2015	Neethu Raj	M.Tech CIS	I
	Syam Sankar	M.Tech CIS	III

Year	Name	Branch	Rank
2016	Aparna A.	M. Tech CIS	I
	Aparna R.	M. Tech CIS	II
	Biju P. Dias	M.Tech CIS	VI
	Sreelekshmi S.	M.Tech CIS	VI
	Athulya R. Krishnan	M.Tech CIS	IX
	Bilha Mathew	EEE	II
	Anuja Kunjumon	IT	II
	Sneha Subash	ECE	II
	Amrutha J.	ECE	III
	Greeshma G.	EEE	III
	Gopika Krishnan P.	EEE	V
	Mubarak M.	EEE	VI
	Nikitha Meriam Vinu	ECE	VIII
	Muhammed Rafeeq K.	IT	VIII
	Swathy J.	CSE	IX
	Aiswarya V.	IT	IX
	Sivendu B.	CSE	X
2017	Kokila V.	EEE	II
	Ananthakrishnan R.	ME	II
	Hari Krishna	ME	III
	Gouri Krishna J	ECE	IV
	Praveen S.	ME	IV
	Meenakshi R. Pillai	EEE	V
	Arunraj B.	ME	V
	Meenu Sreekumar	IT	V
	Amrutha Sunil	IT	VI
	Chaithanya Girija Suresh	EEE	VII
	Nishad N.	EEE	VIII
	Jazeena A.	IT	IX
	Sreelekshmi S.	EEE	IX
	Anandhu R,	ME	IX
	Sreerya S.	EEE	X
2018	Loyola Ann George	EEE	III
	Shermi Hussain	IT	III
	Mridula T.S.	EEE	IX
	Anna Sharon Stalin	IT	IX
	Ijas Abraham	ME	IX
2020	Binoj James	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. THE A. P. J. ABDUL KALAM TECHNOLOGICAL UNIVERSITY ACADEMIC REGULATIONS FOR B. TECH, 2019

This may be called the A. P. J. Abdul Kalam Technological University Academic Regulations for B. Tech, 2019. These are subject to the provisions of the APJ Abdul Kalam Technological University Act, 2015, the statutes and ordinances if any issued in the subject from time to time. It is the express understanding that these regulations are subject to the approval of the concerned statutory bodies of the University. These regulations shall be applicable for students admitted from 2019 onward.

1. Preamble

R1.1 The University has the right to modify the regulations from time to time.

R1.2 In all matters related to the regulations, the decision of the University and its interpretation given by the BOG shall be final and binding.

2. Admission

R2.1 Admission policy, eligibility for admission and admission procedure shall be decided by the University or the competent statutory authority for admissions from time to time.

R2.2 If at any time after admission, it is found that a candidate has not fulfilled any of the requirements stipulated by the University or the statutory body concerned, the Vice Chancellor may revoke the admission of the candidate and report the matter to the BOG.

R2.3 No student shall be permitted, under any circumstances, to change the branch/stream to which he/she is admitted by the competent authority for admission.

R2.4 A student admitted to a particular institute shall continue studying in that institute till the completion of the course, unless he/she is permitted an inter college transfer as per R9.1 to 9.12.

3. Structure of B.Tech. Program

R3.1 The duration of the B.Tech. Program shall be 4 years (8 semesters)

R3.2 The maximum duration shall be six academic years spanning 12 semesters.

R3.3 Every academic year shall have two semesters "1 July to 31st December (Odd semester)" and "1st January to 30th June (Even semester)". Each semester shall have minimum of 72 working days. The vacation of the faculty and staff shall be as per the Government orders from time to time.

R3.4 Every branch of the B.Tech Program shall have a curriculum and syllabi for the courses approved by the Academic Council. Syllabus for any course shall be normally modified / updated once in four years. However, innovative elective courses can be included as and when required, on the recommendations of the respective Board of Studies and subject to the approval of the Academic Council. All revisions shall be based only on the recommendations of the Board of Studies concerned.

R3.5 The academic programs of the University follow the credit system. The general pattern is as below:

1 Hr. Lecture (L) per week	1 credit
1 Hr. Tutorial (T) per week	1 credit
1 to 2 Hours Practical(P) per week	1 credit
3 to 4 Hours Practical(P) per week	2 credit

The workload of a faculty member shall be the actual number of hours engaged by the faculty member.

R3.6 The curriculum of any branch of the B.Tech. Program shall have a total of 160 academic credits and 2 additional pass/fail credits.

R3.7 Every course of B. Tech. Program shall be placed in one of the nine categories as listed in table below.

Sl. No.	Category	Code	Breakup of Credits
1	Humanities and Social Sciences including Management courses	HSMC	08
2	Basic Science courses	BSC	26
3	Engineering Science courses including workshop, drawing, basics of electrical/mechanical/computer etc	ESC	22
4	Professional core courses	PCC	66
5	Professional Elective courses relevant to chosen specialization/branch	PEC	19
6	Open subjects – Electives from other technical and /or emerging subjects ` as specified in the curriculum concerned.	OEC	09
7	Project work, seminar and internship in industry or elsewhere	PROJ	10
8	Mandatory Courses [Environmental Sciences, Induction training, Indian Constitution, Essence of Indian Traditional Knowledge]	MC	Non credit
9	Mandatory Student Activities (Pass/Fail)	SA	2
	Total Credits		**162**

R3.8 No semester shall have more than six lecture-based courses and two laboratory and/or drawing/seminar/project courses in the curriculum.

Credit per semester shall not be less than 15 or greater than 25 and cumulative credits shall not be less than 162.

R3.9 The medium of instruction shall be English. All examinations, project/seminar reports and presentations shall be in English.

4. Academic Monitoring and Student Support.

R4.1 Advisory System: There shall be one Senior Faculty Advisor (SFA) for a class and a faculty advisor (FA) each for 25 to 35 students in the class. The Principal shall assign a regular faculty member with minimum five years of experience as the Senior Faculty Advisor (SFA) in discussion with the Head of Department concerned.

R4.2 The documents regarding all academic and non academic matters of students under an advisory group shall be kept under the custody of Faculty Advisor/Senior Faculty Advisor.

R4.3 All requests/applications from a student or parent to higher offices are to be forwarded/ recommended by his/her Faculty Advisor/Senior Faculty Advisor. Students and parents shall first approach their Faculty Advisor/ Senior Faculty Advisor for all kinds of advices, clarifications and permissions on academic matters. It is the official responsibility of the institution to provide the required guidance, clarifications and advices to the students and parents strictly based on the prevailing academic regulations.

R4.4 The SFA shall arrange separate or combined meetings with advisors; course faculty, Parents and students as and when required and discuss the academic progress of students under their advisory group. The Senior Faculty Advisor/ Faculty Advisor shall also offer guidance and help to solve the issues on academic and non-academic matters including personal issues of the students in their advisory group. Advisory meetings shall preferably be convened:

1. Immediately after the commencement of the semester.

2. Immediately after announcing the marks of first internal evaluation test.

The internal marks, activity points earned during the semester and eligibility of attendance shall be uploaded in the University portal only after displaying the same in the department notice board at least for two working days. This is for the information and feed back of the students. Any concerns raised by the students regarding attendance and internal marks and activity points shall be looked into in the combined meetings of advisors, course faculty and the students concerned. The principal/ HoD shall ensure the proper redressal of the concerns raised by the students regarding internal assessment and attendance. The FA/ SFA shall be the custodian of the minutes and action taken reports of the advisory meetings.

R4.5 The SFA shall get the minutes and action taken reports of advisory meetings approved by the Head of Department and the Principal. It shall be the duty of the HoD and the Principal to produce it before the University as and when required.

R4.6 The FA/SFA shall keep a hard copy of the consolidated statement of attendance, activity points and internal marks of the students in their advisory group. It shall be kept with the HoD without fail for all sorts of inspections.

R4.7 Regular communication with the parents of students in respect of progress in academic matters and other general issues shall be the responsibility of the Senior Faculty Advisor/ Faculty Advisor.

R4.8 The Principal shall inform/forward all regulations, guide lines, communications, announcements etc issued by the University regarding student academic and other matters to the HoDs/ Senior Faculty Advisors for information and timely action.

R4.9 It shall be the official responsibility of the Principal to arrange necessary orientation programmes to the HoDs, SFAs and SAs regarding student counselling, the prevailing University norms, regulations, guidelines and procedures on all academic and other University related matters.

5. Academic Auditing of affiliated institutions.

R5.1 There shall be academic auditing in each affiliated college at stipulated intervals. The academic auditing shall be conducted jointly by an Internal Quality Assurance Cell (IQAC) within the college and external academic auditor(s) appointed by the University. The Internal Quality Assurance Cell (IQAC) in each college shall oversee and monitor all the academic activities including all internal evaluations and examinations. This cell shall prepare academic audit statements in the formats prescribed by the University for each semester at regular intervals. These reports shall be presented to the external academic auditor(s), who shall

use it as reference for independent auditing. The external auditor(s) shall submit the final audit report to the University in the prescribed format.

Academic auditing shall cover:-

1. Course delivery and adherence to the course plan, syllabus coverage, quality of question papers used for internal examinations, internal evaluation, maintenance of laboratory experimental set ups and equipments, practical assignments, mini projects and conduct of practical classes and their evaluation.

2. Co-curricular and Extra-curricular activities available for students, the monitoring mechanism of activity points to be earned by the students.

3. Academic functioning of the college encompassing students, faculty and college administration covering punctuality, attendance, discipline, academic, environment, learning ecosystem, academic accountability, academic achievements and benchmarking.

4. The audit shall also cover the quality criteria prescribed by NBA/NAAC.

6. Assessment

R6.1 There shall be End Semester Examinations (ESE) in every semester for all courses as prescribed under the respective curriculum, except the Lab/ workshops courses for 1 & 2 semesters. The End Semester Examinations shall be conducted by the University. Semester classes shall be completed at least ten days before the commencement of the End Semester Examination.

R6.2 The End Semester Examinations (ESE) shall be held twice in a year – May/June session (for even semesters) and November/December session (for odd semesters). However, the End Semester Examinations of the VII and VIII Semesters shall be conducted in both the sessions.

R6.3 Candidates in each semester shall be evaluated both by Continuous Internal Evaluation (CIE) and End Semester Examinations (ESE). The ratio of Continuous Internal Evaluation (CIE) to End Semester Examinations (ESE) shall be as below :

1. Theory Courses   :   1 : 2
2. Laboratory Courses   :   1 : 1
3. Project   :   CIE only
4. Seminar   :   CIE only

R6.4 Continuous Internal Evaluation (CIE)): The Continuous Internal Evaluation shall be on the basis of the day-to-day work, periodic tests (minimum two in a semester) and assignments (minimum two). The faculty member (s) concerned shall carry out the Continuous Internal Evaluation (CIE) for the course allotted to him/her. The CIE marks for individual subjects shall be computed by giving weightage to the following parameters unless otherwise specified in the curriculum.

Course	Attendance	Tests	Assignment/ Class work/ Course project.
Theory	20%	50%	30%
Drawing/ Practical	20%	40%	40%

There shall be minimum two internal evaluation tests, each of 2hrs duration. Each test shall cover 50% of the syllabus and shall be for 50marks. Retest shall be permitted to the students who could not appear for the internal tests due to genuine grounds. Three days shall be utilised for conducting the internal evaluation test.

Project work	a. Work assessed by the project guide – 30%
	b. Three member Continuous Internal Evaluation Committee – 40% (Guide shall be one member in the CIE committee)
	c. Final Evaluation by a three member Committee comprising of the department project coordinator, guide and an external expert. The external expert shall be an academician or from industry. The industry expert is preferred : 30%
	d. One third of the project credit shall be completed in VII semester and two third in VIII semester.
Seminar	The report and the presentation shall be evaluated by a team of internal members comprising three senior faculty members based on the style of presentation, technical content, adequacy of reference, depth of knowledge and overall quality of the report. a) Attendance : 10% b) Guide : 20% c) Technical content : 30% d) Presentation : 40%

The CIE marks for the attendance (20%) for each theory, practical and drawing shall be awarded in full, only if the candidate has secured 90% attendance or above in the subject. If a student has attendance for a subject below 90%, reduction in the marks for the attendance shall be made proportionally. The CIE marks obtained by the student for all subjects in a semester are to be published at least 5 days before the commencement of the University examinations. Duty leave shall be accounted for awarding the internal marks for attendance.

R6.5 Students, who have completed a course but could not write the end semester examination, shall be awarded "I' Grade, provided they meet other eligibility criteria (R6.6). They shall register (exam registration) and appear for the end semester examination at the next opportunity and earn the credits without having to register (course registration) for the course again.

R6.6 The main eligibility criteria for registering to the End Semester Examination are attendance in the course and no pending disciplinary action. The minimum attendance for appearing for the End Semester Examination is 75% in each course. Students who do not meet these eligibility criteria are awarded an FE grade.

R6.7 The students with FE grade shall register for the courses during the normal semesters in which the courses are offered. However, for the seventh and eighth semester FE grade students can register for the courses in the next immediate chance, if offered by their institute.

R6.8 A student who does not register for all the courses listed in the curriculum for a semester shall not be eligible to enroll for the next higher semester.

R6.9   The maximum number of credits a student can register (course registration) for, in a semester is limited to 08 credits in excess of the total mandatory credits allotted in the curriculum for that semester.

R6.10   A student will be eligible for the award of B. Tech. Degree of the University on satisfying the following requirements:

  1. Fulfilled all the curriculum requirements within the stipulated duration of the course.
  2. Earned the required minimum credits as specified in the curriculum for the branch of study (R3.6 and R3.7).
  3. No pending disciplinary action.

R6.11   Students registered for a course have to attend the course regularly and undergo the Continuous Internal Evaluation (CIE) and appear for the End Semester Examinations (ESE). Credits for the course are deemed to be earned only on getting at least a pass grade 'P' or better in the composite evaluation.

R6.12   Pass minimum for a course shall be 40% for the End Semester Examination and 50% of CIE and ESA put together. Letter grade 'F' will be awarded to the student for a course if either his/her mark for the End Semester Examination (ESE) is below 40 % or the overall mark [Continuous Internal Evaluation (CIE) + End Semester Examination (ESE)] is below 50%.

R6.13   Students who received F grade in an End Semester Examination shall have to appear for the End Semester Examination at the next opportunity and earn the credits. They shall not be permitted to register for the course again.

R6.14   Continuous Internal Evaluation mark percentage shall not exceed 30% over the End Semester Examination mark %. CIE marks awarded to a student shall be normalised accordingly. For example if the end semester mark % is 40, then the maximum eligible CIE mark % is 40+30 = 70 %.)

R6.15   Grading is based on the overall % marks obtained by the student in a course, as given in 6.16. The grade card shall only give the grades against the courses the student has registered. Semester grade card shall give the grade for each registered course, Semester Grade Point Average (SGPA) for the semester as well as Cumulative Grade Point Average (CGPA).

R6.16

Grade and Grade Points

Grades	Grade Point (GP)	% of Total Marks obtained in the course
S	10	90% and above
A+	9.0	85% and above but less than 90%
A	8.5	80% and above but less than 85%
B+	8.0	75% and above but less than 80%
B	7.5	70% and above but less than 75%
C+	7.0	65% and above but less than 70%

C	6.5	60% and above but less than 65%
D	6.0	55% and above but less than 60%
P (Pass)	5.5	50% and above but less than 55%
F (Fail)	0	Below 50% (CIE + ESE) or Below 40 % for
FE	0	Failed due to lack of eligibility criteria (R6.6)
I	0	Could not appear for the end semester examination but fulfills the eligibility Criteria

Classification of B. Tech Degree	First Class with Distinction	CGPA 8.0 and above
	First Class	CGPA 6.5 and above

Equivalent percentage mark shall be = 10 * CGPA – 2.5

R6.17

Minimum Cumulative Credit Requirements for Registering to Higher Semesters

Semester	Allotted Credits	Cumulative Credits	Minimum Cumulative Credits required for B. Tech	Minimum Cumulative Credits required for B. Tech Lateral Entry
First	17	17	Not Applicable	Not Applicable
Second	21	38	Not Insisted	Not Instisted
Third	22	60	Not Insisted	Not Insisted
Fourth	22	82	Not Insisted	Not Insisted
Fifth	23	105	21 Credits from S1 & S2	Not Insisted
Sixth	24	129	Not Insisted	Not Insisted
Seventh	15	144	47 Credits from S1 to S4	09 Credits from S3 to S4
Eighth	16	160	Not Insisted	Not Insisted

R6.18 There is no provision for improving the grade. However, the student is permitted to check the answer books of the End Semester Examination after the results are declared, on payment of the prescribed fee. Any discrepancy in evaluation could be brought to the notice of the Controller of Examination, who shall initiate appropriate action as per the University Examination Manual.

R 6.19 The students can apply for revaluation of the answer books of the end semesterexamination after the results are declared. The final mark awarded will be the better of the two marks. If the difference in marks obtained in revaluation and the original valuation is more than 15% of the maximum marks, it shall be sent for third valuation. The final mark shall then be the average of the closer of the two marks obtained in the three valuations to the advantage of the student or the mark obtained in the original valuation whichever is higher. The Controller of Examination shall examine such cases and conduct proper enquiry to see whether any

of the examiners is responsible for negligent valuation of answer script and initiate suitable action as per the University Examination Manual.

R 6.20 Grade cards shall be made available in the student login for the registered courses, in every semester. On earning the required credits for the degree, the University will issue the final consolidated grade sheet for the B. Tech program including CGPA.

R6.21

Calculation of SGPA/CGPA

Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA) are calculated as follows.

SGPA = $\sum (C_i \times GP_i)/\sum C_i$, where 'Ci' is the credit assigned for a course and 'GPi' is the grade point for that course. Summation is done for all courses specified in the curriculum of that semester. The failed and incomplete courses shall also be considered in the calculation.

CGPA = $\sum (C_i \times GP_i)/\sum C_i$, where 'Ci' is the credit assigned for a course and 'GPi' is the grade point for that course. Summation is done for all courses specified in the curriculum up to that semester for which the 'CGPA' is needed. Here the failed courses shall also be accounted.

CGPA for the B. Tech programme is arrived at by considering all course credits that are needed for the degree and their respective grade points.

For students admitted under lateral entry scheme, credits for the first and second semester courses shall not be accounted for the calculation of CGPA.

Equivalent percentage mark shall be = 10 * CGPA – 2.5

R6.22 Any act of violation of University directions, indiscipline, misbehavior, or unfair practice in examinations from the part of students, faculty members, staff, institution,management or any other source shall be viewed very seriously. It is the legal responsibility of the principal and the college management to see that the examinations are conducted strictly as per the directions of the University and as specified in the examination Manual. Malpractices in examinations observed or reported by an official employed by the University, faculty member, invigilator or anybody shall be immediately reported to the Principal. The principal shall in turn conduct a preliminary enquiry giving the student concerned a chance to explain his/her case. The Principal shall then forward the case with his/her preliminary enquiry report and remarks to the Controller of Examinations along with all related documents and evidences within two working days. The Controller of examination shall decide the course of action on the issue as per the prescribed norms in the University Examination Manual.

R6.23 A student shall earn 2 credits by actively involving in co – curricular and extra – curricular activities as per the guidelines issued by the University from time to time. On getting minimum 100 activity points the student passes the course and earns the two credits which shall not be counted for the calculation of CGPA but mandatory for the award of the Degree. For the students admitted under lateral entry scheme the 2 credits shall be considered to be earned on getting 75 activity points. The students are required to keep a file containing documentary proofs of activities done by him/her attested by the Senior Faculty Advisor/ Faculty Advisor.

7. BREAK OF STUDY

R7.1 A student is permitted to avail break of study:

i) In case of accident or serious illness needing prolonged hospitalization and rest.

ii) In case the student has a bright idea and would like to initiate a start-up venture ordevelop

a product.

iii) In case of any personal reasons that need a break in study.

iv) For internship leading to employment.

For break of study due to illness, student shall submit all necessary medical reports together with the recommendation of the doctor treating him giving definite reasons for break of study and its duration. Before joining back, the student should submit the fitness certificate from the doctor who treated him.

Students who want to initiate a start-up venture or a product development, have to submit a project report, clearly indicating the purpose, action plan, technical details, funding details and future plans to the college Principal. The Principal shall evaluate the proposal by constituting an expert team consisting of a technocrat and a bank executive and takean appropriate decision based on the team's recommendation. The break of study for the start up shall be permitted only after the 4 semester for a maximum duration of two semesters. This is however permitted only on successfully completing the courses listed out in the first two semesters.

Students who require a break in study due to personal reasons shall convince the Principal on the genuine need for it by giving authentic evidence for the same. Students who require break in study for 'internship leading to employment' shall produce the offer letter obtained from the employer concerned. The principal shall verify the authenticity of the offer and submit his recommendation to the University sufficiently in advance for approval. Only campus placed students with an annual compensation more than 6 lakhs are eligible to avail this facility.

In the semester system followed by the University, break of study for an academic year is the preferred option than break of study for a semester.

The student can avail the break of study only with the prior approval of the University.

The Principal shall upload the request of the student with all relevant documents to the University portal for the approval with his/her recommendations.

Students shall have to rejoin on the first working day of the same semester on which he/she had started availing the break of study.

8.ATTENDANCE

R8.1   Students are expected to attain 100% attendance for all courses. However, under unavoidable circumstances they are permitted to avail leave. Total leave of absence shall not exceed 25% of the academic contact hours for a course and 75% attendance is mandatory for registering to the end semester examination.

On medical ground the college Principal can relax the minimum attendance requirement to 60%, to write the end semester examination. This is permitted for one or more courses registered in the semester. Principal shall keep all records which led to his decision on attendance, for verification by the Academic Auditors/ University officials. This provision is applicable only to any two semesters during the entire program period.

In case of prolonged illness, break of study is permitted as per R7.1.

R8.2   The Principals are authoriesd to grant attendance relaxation (duty leave) to the students in officially sponsored national level competitions/championships/ tournaments when called upon to do so, up to a maximum of 10%. Such students should produce the participation certificate countersigned by the University Sports Coordinator/ the Director of Physical Education in the case of sports activities and the Senior Faculty Advisor in the case of other extracurricular activities: within ten days of the event. The participation certificate thus produced shall be forwarded to the Principal with the due recommendation of the

respective Head of the Department. Under any circumstances, the principal shall not consider the certificate if the overall attendance of the candidate is less than 60%. Late applications received shall not be considered on any account. The student shall get official prior permission from the University for representing the University.

R8.3 The Principals are authoriesd to grant attendance relaxation (duty leave) to the students for organising extra/ co-curricular activities, up to a maximum of 05%. Such students should produce the required documents countersigned by the University Sports Coordinator/ the Director of Physical Education in the case of sports activities and the Senior Faculty Advisor in the case of other extra/ co-curricular activities: within ten days of the events. The documents thus produced shall be forwarded to the Principal with the due recommendation of the respective Head of the Department. Under any circumstances, the principal shall not consider the documents, if the overall attendance of the candidate is less than 60%. Late applications received shall not be considered on any account.

9. INTER COLLEGE TRANSFER

R9.1 Inter college transfer shall be applicable only for regular B. Tech students.
R9.2 The transfer shall be permitted just before the commencement of third semester.
R9.3 The transfer shall be with effect from the first working day of the third semester.
R9.4 The transfer shall be only within the sanctioned strength of the receiving college.
R9.5 The following Category of students shall not be eligible for inter college transfer
  1. Govt. of India Nominee.
  2. Management Quota in Aided colleges.
  3. Management Quota in private Self Financing Colleges
  4. Students admitted under NRI/PIO quota.
  5. Lateral Entry students.
  6. Students admitted under TFW Scheme.
  7. Students admitted in any supernumerary seats.
  8. Any other category which are ineligible as per the conditions for admission prescribed by Govt. of Kerala/Govt. of India.
R9.6 The transfer shall be permitted:
  1. Between Govt/ Govt. Aided Colleges.
  2. Between Self – Financing Colleges. (Including Govt. Controlled SFC).
R9.7 Notification inviting application for inter college transfer shall be issued by the University just before the commencement of the third semester.
R9.8 The candidate should fulfill the academic eligibility requirement for promotion to the third semester.
R9.9 If the number of applicants is more than the vacant seats available, the transfer may be based on the Kerala Engineering Entrance Rank.
R9.10 The students shall opt only one college for inter college transfer.
R9.11 The selected candidates shall remit a fee of Rs 3000/- (No fee for SC/ST students) within the stipulated date to the University. However, this rule is not applicable to the students transferred to other institutes under "Shift College" University order.
R9.12 The College transfer once approved by the receiving college will be final and binding on the applicant. No student will be permitted, under any circumstances, to refuse the change of college once offered.

10. MIGRATION FROM OTHER UNIVERSITIES

R10.1 Migration to the University from other Universities shall be permitted only if the parent University and the APJ Abdul Kalam Technological University enters into a bipartite agreement/ MoU for this purpose. However, this condition is not applicable to the students

commencement of KTU Act remained affiliated to Universities except Deemed to be Universities in the State of Kerala.

R10.2 The student shall be permitted to migrate only if he/she fulfills the University eligibility criteria for admission to the course applied for migration.

R10.3 The migration shall be permitted only up to the fifth semester of the B. Tech program and half the duration of the program in the case of other programs.

R10.4 The admission shall be offered on migration basis through lateral transfer of credits. Lateral credit transfer shall be as recommended by the concerned Board of Studies.

R10.5 The students shall be allowed to migrate to the University subject to satisfying the rules and regulations of the University as regards to, maximum number of backlogs, grade points, minimum credit requirement for promotion to higher semesters, etc.

R10.6 The student shall be offered admission in any of the affiliated colleges/institutions of the University subject to availability of seats. The student shall produce no objection certificate from the concerned college/institute in this regard.

R10.7 The students offered admission shall have to take transitory courses/ additional courses of the previous semesters to satisfy the program requirement as recommended by the concerned board of studies.

R10.8 The students offered admission shall pay the migration fees and the University fees as prescribed by the University. The application processing fee (University fee) shall be Rs 5000/- (Rupees five thousand only) and the migration fees shall be Rs 20000/- (Rupees twenty thousand only). The migration fee is charged for the meeting expenses of the concerned Board of studies to decide on the student suitability for migration and to recommend the transitory courses/ additional courses to be done by the student to fulfill the academic requirement of the University. The processing fee shall be paid along with the application, and the migration fee shall be paid to the University at the time of offering admission. The fee once paid shall not be refunded under any circumstances. The students in any of the Engineering colleges / institutions, which, before the commencement of KTU Act remained affiliated to Universities except Deemed to be Universities in the State of Kerala, are exempted from paying the processing fee and the migration fee.

R10.9 The migrated students shall follow the rules and regulations of the University.

R10.10 The students offered admission shall produce a migration certificate from the parent University at the time of admission.

R10.11 The student offered admission shall produce a character certificate from the parent institute/ University at the time of admission.

R10.12 Regulations, Scheme and Syllabus of the respective specialization attested by the Registrar of the parent University or equivalent authority shall be submitted to the University along with the application seeking migration to the University.

R10.13 Attested copies of all certificates and mark lists from 10th onwards shall be submitted along with the application for migration (Original certificates and mark lists shall be produced as and when required by the University).

R10.14 Assessment of the student suitability for migration in terms of programs, backlogs, grade points, credit requirements, etc shall be done by the concerned Board of Studies.

R10.15 Assessment of the transitory courses/ additional courses to be done by the student as per the academic requirement of the University shall be as recommended by the concerned Board of Studies.

11. MINOR IN ENGINEERING.

R11.1   All B. Tech students shall be eligible to register for Minor in Engineering.

R11.2   The Minor in Engineering registration shall be along with the registration of the 3rd semester.

R11.3   If student shall earn additional 20 credits to be eligible for the award of B. Tech B.Tech Minor. However, the additional credits and grades thus far earned by the student shall be included in the grade card but shall not be considered in calculating the CGPA.

R11.4   The a student fails in any course of the minor, he/she shall not be eligible to continue the B. Tech Degree with Minor.

R11.5   Out of the 20 Credits, 12 credits shall be earned by undergoing a minimum of three courses, during the specified period. The total number of contact hours for these courses shall be 126 Hrs (42Hrs/course). The duration of a course shall be minimum 14 weeks. The remaining 8 credits could be acquired through two MOOCs recommended by the Board of studies and approved by the Academic Council.

R11.6   Curriculum and the syllabus of the four courses shall be approved by the Board of studies and the Academic Council.

R11.7   The assessment of the courses other than MOOCs and earning of credits shall be as per R6.1 to R6.23. The assessment and certification of the MOOCs shall be as per the prescribed norms of the MOOCs. The candidate shall produce the certification issued by the MOOCs conducting agency in proof of credit attainment.

R11.8   Under graduate Degree with minor shall be issued by the University to the students who fulfill all the academic eligibility requirements for the B. Tech program and Minor in Engineering.

11. B. TECH (HONOURS)

R12.1   All B. Tech students are eligible to register B.Tech (Honours). However, their mandatory CGPA at the end of eighth semester shall be 8.5 or higher to be eligible for the award of B. Tech (Honours).

R12.2   The B. Tech (Honours) registration shall be along with the registration of the 4th semester.

R12.3   If a student fails in any course including the course chosen for B. Tech (Honours), he/she shall not be eligible to continue the B.Tech(Honours). However, the additional credits thus far earned by the student shall be included in the grade card but shall not be considered in calculating the CGPA.

R12.4   The student shall earn additional 20 credits to be eligible for the award of B. Tech (Honours) Degree.

R12.5   Out of the 20 Credits, 12 credits shall be earned by undergoing minimum three specified B. Tech (Honours) Elective courses of the respective stream. Credits for the B. Tech (Honours) Elective courses are deemed to be earned only on getting at least a grade 'C' or better in the composite evaluation. A student shall not be permitted to select the normal elective courses of the respective B. Tech programs for attaining the credit requirements of B. Tech (Honours). The remaining 8 credits could be acquired through two MOOCs of the respective streams recommended by the Board of studies and approved by the Academic Council.

R12.6   The assessment and certification of the MOOCs shall be as per the prescribed norms of the MOOCs. The candidate shall produce the certification issued by the MOOCs conducting agency in proof of credit attainment.

R12.7   The institutions offering B. Tech Honours programs shall not charge any additional fee from the students.

R12.8   B. Tech (Honours) Degree shall be issued by the University to the students who fulfill all the academic eligibility requirements for the B. Tech and B. Tech (Honours) programs.

12. GRACE MARKS FOR SPORTS /ARTS COMPETITIONS.

R13.1   Only bona-fide, regular candidates are eligible for the award of Grace Marks.

R13.2   The criterion for the award of Grace Marks is representing the University in officially sponsored national level competitions/championships/ tournaments when called upon to do so. The student shall get official prior permission from the University for representing the University.

R13.3   The maximum grace marks that can be awarded to a candidate in a particular semester for all activities put together shall be 5% of the aggregate maximum End Semester Examination marks of all theory courses for which the University conducts End Semester Examinations.

R13.4   The maximum grace marks that can be awarded to a student for a theory course in a particular semester for all activities put together shall not exceed 10% of the maximum aggregate marks of End Semester Examination of the course.

R13.5   The Grace Marks shall not be awarded to a student for Practical/ Lab/ Viva Voce/ internal assessment/ Seminar etc even though she/he fails for the same.

R13.6   Eligible Grace Marks shall be distributed equally on all theory papers/courses of an examination. However, re – distribution of Grace Marks shall be allowed only in the case of those courses of an examination for which the candidate has passed. Re-distribution is possible from passed courses to failed courses only. Re-distribution of Grace Marks is not permissible from failed courses to other courses for a pass.

R13.7   The Marks shall be awarded for all theory papers/courses/subjects in a semester.

R13.8   Re-distribution shall be done only for enabling a candidate to obtain the minimum marks required for a pass.

R13.9   Grace Marks shall not be re – distributed from one semester to another semester.

R13.10 If the candidate does not secure the minimum marks required for a pass even after effecting re- distribution, eligible moderation fixed by the respective board if any, shall be awarded to that candidate in addition to the Grace Marks for a pass.

R13.11 Eligible Grace Marks shall be awarded for the regular examination of the performing semester only. Grace Marks shall not be awarded for supplementary examinations.

R13.12 The performing semester shall be considered from 1 July to 31 December (Odd semester) and 1st January to 30th June (Even Semester).

R13.13 Grace Marks shall be awarded on the basis of performance in the respective semester.

R13.14 The request for Grace Marks shall be submitted to the Controller of Examinations through the principal along with all relevant documents, within the time limit prescribed by the University. The request for Grace Marks received after the time limit shall not be entertained on any account.

R13.15 Onlya single highest achievement during the period of a semester shall be considered for awarding the grace marks.

12.GRACE MARKS FOR PERSONS WITH DISABILITY (PWD)

R14.1   A person with disability means a person suffering from not less than 40% of any disability as certified by the District Medical Board. To be eligible for the grace marks, the certificate of disability specifying the percentage of disability shall be produced before the Principal at the time of admission.

R14.2   The Grace Marks that can be awarded for PWD candidates shall be 25% of the marks scored by the candidate in each course at the time of finalization of the results.

R14.3   Transfer of marks from one paper to another shall not be permitted. Fractions of marks if

any, while computing the Grace Marks shall be rounded off to the next higher integer.

R14.4 PWD candidates who are eligible for Grace Marks shall be awarded Grace Marks for regular and supplementary chances until they pass the whole examination.

R14.5 Grace Marks shall be awarded only for the marks of the End Semester Examinations conducted by the University.

R14.6 The request for Grace Marks shall be submitted to the Controller of Examinations through the principal along with all relevant documents, within the time limit prescribed by the University. The request for Grace Marks received after the time limit shall not be entertained on any account.

13. TRANSITORY PROVISION.

R15.1 Notwithstanding anything contained in these regulations, the Vice-Chancellor shall, for a period of two years from the date of coming into force of these regulations, has the power to provide by order that these Regulations shall be applied to any B. Tech program with such modifications as may be necessary.

7. KERALA TECHNOLOGICAL UNIVERSITY CURRICULAM FOR B-Tech

7.1 SEMESTER I (Common for all branches)

Slot	Course No.	Courses	L-T-P	Hours	Credits
A	BSC	Engineering Maths (Calculus and Multi Variable Calculus)	3-1-0	4	4
B	BSC	Engineering Physics	3-1-0	4	4
(1/2)	BSC	Engineering Chemistry	3-1-0	4	4
C	ESC	Engineering Mechanics	2-1-0	3	3
(1/2)	ESC	Engineering Graphics	2-0-2	4	3
D	ESC	Basics of Civil & Mechanical Engineering	4-0-0	4	4
(1/2)	ESC	Basics of Electrical & Electornics Engineering	4-0-0	4	4
E	MNC	Life Skills	2-0-2	4	-
S	BSC	Engineering Physics Lab	0-0-2	2	1
(1/2)	BSC	Engineering Chemistry Lab	0-0-2	2	1
T	ESC	Civil & Mechanical workshop	0-0-2	2	1
(1/2)	ESC	Electrical & Electronics workshop	0-0-2	2	1
		Total		**23/24**	**17**

7.2 SEMESTER II (Common for all branches)

Slot	Course No.	Courses	L-T-P	Hours	Credits
A	BSC	Engineering Maths (Differential Equation & Linear Algebra)	3-1-0	4	4
B	BSC	Engineering Physics	3-1-0	4	4
(1/2)	BSC	Engineering Chemistry	3-1-0	4	4
C	ESC	Engineering Mechanics	2-1-0	3	3
(1/2)	ESC	Engineering Graphics	2-0-2	4	3
D	ESC	Basics of Civil & Mechanical Engineering	4-0-0	4	4
(1/2)	ESC	Basics of Electrical&Electornics Engineering	4-0-0	4	4
E	MNC	Professional Communication	2-0-2	4	-
F	ESC	Programming in C	2-1-2	5	4
S	BSC	Engineering Physics Lab	0-0-2	2	1
(1/2)	BSC	Engineering Chemistry Lab	0-0-2	2	1
T	ESC	Civil & Mechanical workshop	0-0-2	2	1
(1/2)	ESC	Electrical & Electronics workshop	0-0-2	2	1
		Total		**28/29**	**21**

NOTE:
1. Engineering Physics and Engineering Chemistry shall be offered in both semesters. Institutions can advise students belonging to about 50% of the number of branches in the Institution to opt for Engineering Physics in SI and Engineering Chemistry in S2 & vice versa. Students opting for Engineering Physics in a semester should attend Physics Lab in the same semester and students opting for Engineering Chemistry in one semester should attend Engineering Chemistry Lab in the same semester.
2. Physics to be made separate for programs according to their requirements like Physics (Mechanics & Mechanics of Solids and Introduction to Quantum Mechanics): for AERO, AUTO, CE, FSE, IE, ME, MECHATRONICS, PE, METTULURGY, BT, BCE, CHEM, FT, POLY, Physics (Waves and Optics, Electromagnetic and Solid State Mechanics): for AEI, EI, BME, ECE, EEE, ICE, CSE, IT, RA Physics Lab: Same syllabus for all courses
3. Engineering Mechanics and Engineering Graphics shall be offered in both semesters. Institutions can advise students belonging to about 50% of the number of branches in the Institution to opt for Engineering Mechanics in SI and Engineering Graphics in S2 & vice versa.
4. Basics of Civil & Mechanical Engineering and Basics of Electrical & Electronics Engineering shall be offered in both semesters. Basics of Civil & Mechanical Engineering contain equal weightage for Civil Engineering and Mechanical Engineering. Slot for the course is D with CIE marks of 25 each and ESE marks of 50 each. Students belonging to branches of AEI, EI, BME, ECE, EEE, ICE, CSE, IT, RA can choose this course in S1. Basics of Electrical & Electronics Engineering contain equal weightage for Electrical Engineering and Electronics Engineering.

Slot for the course is D with CIE marks of 25 each and ESE marks of 50 each. Students belonging to AERO, AUTO, CE, FSE, IE, ME, MECHATRONICS, PE, METTULURGY, BT, BCE, CHEM, FT, POLY can choose this course in S1. Students having Basics of Civil & Mechanical Engineering in one semester should attend Civil & Mechanical Workshop in the same semester and students having Basics of Electrical & Electronics Engineering in a semester should attend Electrical & Electronics Workshop in the same semester.

5. LIFE SKILLS

Objective is to develop in the under-graduate students of engineering a level of communication competence. Coverage: Communication Skill, Critical Thinking & Problem Solving, Teamwork, Moral & Professional Values, Leadership Skills, Language Lab.

6. PROFESSIONAL COMMUNICATION

Objective is to develop in the under-graduate students of engineering a level of competence in English required for independent and effective communication for their professional needs. Coverage: Listening, Barriers to listening, Steps to overcome them, Purposive listening practice, Use of technology in the professional world. Speaking, Fluency & accuracy in speech, Positive thinking, Improving self-expression, Tonal variations, Group discussion practice, Reading, Speed reading practice, Use of extensive readers, Analytical and critical reading practice, Writing Professional Correspondence, Formal and informal letters, Tone in formal writing, Introduction to reports. Study Skills, Use of dictionary, thesaurus etc., Importance of contents page, cover & back pages, Bibliography, Language Lab.

RE-7   Course Registration and Enrolment

All students have to register for the courses they desire to attend in a semester. Newly admitted students are advised to register for all courses offered in the first semester. They do not have to enrol for the semester. All other students are required to register at the end of the semester for   the they desire to take in the coming semester. Later they have to enrol for these courses in the new semester based on the results in the previous semester. This allows them to makeminor changes in the list of courses already registered for. Before enrolment, students should clear all dues including any fees to be paid and should not have any disciplinary issues pending. The dates for registration and enrolment will be given in the academic calendar. Any late registration or enrolment, allowed only up to 7 working days from the commencement of the semester, will attract a late registration/enrolment fee as decided by the CPGB.

A student can drop a course or substitute one already registered for by another, for valid reasons with the approval of the faculty advisor. Howeverthis has to be done within 7 working days from the commencement of the semester.

The maximum number of credits a student can register for in a semester is limited to 24.

RE-8   Recommended Credit distribution over the semesters

First Semester   : 20 to 23 credits

Second Semester   : 18 to 19 credits

Third Semester   : 14 credits

Fourth Semester   : 12 credits [Project]

RE-9   Academic Assessment/Evaluation

The University follows a continuous academic evaluation procedure.

RE-9.1   Assessment procedure and corresponding weights

recommended are as follows:-

For theory courses

i) Two internal tests, each having   20%

ii) Tutorials/Assignments having   10%

iii) End Semester examination having   50%

All the above are mandatory requirements to earn credits.

Students who have missed either the first or the second test can register with the consent of faculty member and the Head of the Department concerned for a re-test which shall be conducted soon after the completion of the second test and before the end semester examination. The re-test will cover both the first and the second test course plans. If a student misses both the scheduled tests, there is no provision for any retests and zero marks will be given for each test. In case of serious illness and where the attendance is above 70% the Principal may permit the conduct of the tests for a student based on his application and other relevant medical reports with the approval of the CPGB.

For Laboratory /Practical courses

i) Practical Records /outputs   40%

ii) Regular Class Viva-Voce   20%

iii) Final Test (Objective)   40%

RE-10 Course completion and earning of credits

Students registered and later enrolled for a course have to attend the course regularly and meet the attendance rules of the University and appear for all the internal evaluation procedures for the completion of the course. However, earning of credits is only on completion of the end semester/supplementary examination and on getting a pass grade. Students, who had completed a course but could not write the end semester/supplementary examination for genuine health reasons or personal exigencies, are permitted to write the semester examination at the next opportunity and earn credits without undergoing the course again. Failed candidates having more than 50% marks in their internals can also avail of this option. However, those who are not allowed to appear for the semester examination for want of attendance or for other disciplinar reasons and failed candidates with less than 50% internal marks, have to register and undergo the course again, whenever it is offered, to earn the credits.

RE-11 End Semester and Supplementary Examinations

At the end of the semester, the end semester examination will be conducted in all courses offered in the semester and will be of three hours duration unless otherwise specified. Supplementary examinations are to be conducted for eligible candidates registered for them, before the commencement of the next semester.

RE-11.1 Eligibility to write the End Semester Examination

Eligibility criteria to appear for the semester examination are the attendance requirements in the course and having no pending disciplinary action. The minimum attendance for appearing for the semester examination is 85% in each course.

RE-11.2 Eligibility to write the Supplementary Examination

Only failed students and those who could not write the semester examination due to health reasons or other personal exigencies that are approved by the Principal can register forthe supplementary examination. Grades awarded in the supplementary examination will be taken as the semester grades in these courses.

RE-12 Eligibility to continue

A student has to earn a minimum number of credits in a semester to register for higher semester courses. The CPGB shall formulate the rules on this and spell out the procedure to proceed with the programme.

Failed students who have more than 50% marks in the internal course evaluation are permitted to write the semester examination without registering and undergoing the course. Those with less than 50% in internal course evaluation have to register again for the course, attend the classes and earn the credits.

RE-13 Seminar

Students have to register for the seminar and select a topic in consultation with any faculty member offering courses for the programme. A detailed write-up on the topic of the seminar is to be prepared in the prescribed format given by the Department. The seminar shall be of 30 minutes duration and a committee with the Head of the department as the chairman and two faculty members from the department as members shall evaluate the seminar based on the coverage of the topic, presentation and ability to answer the questions put forward by the committee.

RE-14 Project work

Project work is to be carried out in the third and fourth semesters. Project work is to be evaluated both in the third and the fourth semesters. Based on these evaluations the grade is finalised in the fourth semester.

Project evaluation weights shall be as follows:-

For convenience the marks are allotted as follows.

Total marks for the Project	:	150
In the 3rd Semester:- Marks	:	50
Project Progress evaluation	:	
Progress evaluation by the Project Supervisor	:	20 Marks
Presentation and evaluation by the committee	:	30 Marks
In the 4th Semester	:	Mraks:100
Project evaluation by the supervisor/s	:	30 Marks
Evaluation by the External expert	:	30 Marks
Presentation & evaluation by the Committee	:	40 Marks

RE-15 Faculty Advisor, Course Committee and Class Committee

RE-15.1 Faculty Advisor

The Head of the Department offering the M. Tech. programme shall nominate senior faculty members as faculty advisors who shall advise the students in academic matters and support them in their studies. Their role is to help the students in matters both academic and personal. A faculty advisor may support a group of students in a semester.

RE-15.2 Course Committee and Class Committee are to be in place for all M. Tech. programs in the college.

RE-15.3 Course Committee

This is for common courses (electives are excluded) offered to students admitted for the M. Tech. programme irrespective of their stream of specialization. Each of such courses will have a course committee constituted by the Principal of the college.

The Chairman of the course committee shall be either the Head of the Department or a senior faculty member not offering the course.

Members:-

i) All teachers offering the course.

ii) Two to four student representatives nominated by the Principal from the M. Tech. streams associated with the course.

RE-15.4 Class Committee

All M. Tech streams of specialization will have class committees for each semester, constituted by the respective Heads of Departments.

The Chairman of the committee shall be a senior faculty member who does not offer any course for that stream in that semester.

Members:-

i) All faculty members teaching courses for the stream in that semester.

ii)Two student representatives nominated by the Head of the Department, from the stream.

The course committees and class committees shall meet at least thrice in a semester - one in the beginning and one at the middle of the semester and one after the semester examinations. These committees should monitor the conduct of the courses, adherence to the course plan and time schedule, completion of the syllabus, standards of internal tests and evaluation process and difficulties faced by the students and take suitable remedial actions at the appropriate time. After the end semester examination, the committee should meet and finalize the results. A report on the student performance in each course should be prepared and submitted to the CPGB.

RE-16 Award of Grades

Grading is based on the marks obtained by the student in a course.

The grade card will only show the grades against the courses the student has registered.

The semester grade card will show the grade for each registered course,Semester Grade Point Average (SGPA) for the semester as well as Cumulative Grade Point Average (CGPA).

RE-17 Grades and Grade Points

Grades and Grade Points as per UGC guidelines are to be followed by the University

Grades	Grade Point	% of Total Marks obtained in the course
O	10	90% and above
A+	9	85% and above but less than 90%
A	8.5	80% and above but less than 85%
B+	8	70% and above but less than 80%
B	7	60% and above but less than 70%
C	6	50% and above but less than 60%
P	5	45% and above but less than 50%
F	0	Less than 45%
FA	0	Failed due to lack of attendance
I		Course Incomplete

Grade Point Average (GPA) and Cumulative Grade Point Average (CGPA) are calculated based on the above grading norms and are explained at 8.4

RE-18 Academic Auditing

The University shall have a detailed academic auditing procedure in place comprising of an internal academic auditing cell within the college and an external academic auditing for each college. The internal academic auditing cell in each college shall oversee and monitor all academic activities including all internal evaluations and semester examinations. This cell is to prepare academic audit statements for each semester at regular intervals of four weeks of instruction. These reports are to be presented to the external academic auditor

appointed by the University, who will use it as a reference for his independent auditing and for thefinal report to the University.

Academic auditing will cover:-

i)   Course delivery covering syllabus, adherence to course plan, quality of question papers for internal examinations, internal evaluation, laboratory experiments, practical assignments, mini projects, conduct of practical classes and their evaluation. Semester examination and academic performance of the students.

ii)   Co-curricular and Extra-curricular activities available for students, and their organization.

iii)   Academic functioning of the college encompassing students, faculty and college administration covering punctuality, attendance, discipline, academic environment, academic accountability, academic achievements and benchmarking.

RE-19 Revaluation and Grade improvement

There is no provision for revaluation of the semester answer books or for improving the grade. Students are permitted to check the answer books of the semester examination, after the results are declared. Any discrepancies in evaluation could be brought to the notice of the teacher concerned who will initiate appropriate action on this and report to the CPGB for a final decision on this.

RE-20 Grade Cards

Students who have written the semester examination will be given the grade cards for the registered courses, in every semester by the respective colleges. On earning the required credits for the degree, a consolidated grade sheet for the M. Tech programme will be issued by the University on the recommendation of the respective CPGB.

The M. Tech. degree will not have any classification like distinction or first class.

RE-21 Discipline

Every student is expected to observe discipline and decorous behaviour.

Any act of indiscipline, misbehaviour including unfair practice in examinations will be referred to a Welfare and Discipline Committee of the college which shall make a detailed enquiry on the matter and recommend on the course of action to be taken and forward it to the Principal/ Dean for action. The student can appeal to the Principal whose decision on the matter shall be final.

RE-22 Award of M. Tech. Degree

A student will be eligible for the award of M. Tech. Degree of the University on meeting the following requirements;

i)   Registered and earned the minimum credits, as prescribed in the curriculum, for the stream of specialization.

ii)   No pending disciplinary action.

RE-23 Grievances and Appeals Committee

Each college in the cluster should have a Grievances Redress Committee constituted by the Principal to address the grievances of the students and to consider their appeals on any decisions made by the college. This committee consisting of at least three faculty members and chaired by a senior professor shall look into student's grievances and appeals and recommend the course of action to be taken to solve them, to the Principal.

The Principal shall take appropriate actions based on this.

RE-24 Amendments to Regulations

Notwithstanding all that has been stated above, the University has the right to modify any of the above regulations from time to time.

7.3 RULES :-

RU-1   Attendance

Attendance is marked for each course. 85% attendance is mandatory for writing the semester examination in a course. Students who get PTTA or Scholarships from the Central or State Governments or any other agencies are expected to have 100 % attendance. However, under unavoidable circumstances students are permitted to take leave. Leave is normally sanctioned for any approved activity taken up by students outside the college covering sports and other extracurricular activities. Leave is alsopermitted on medical grounds or on personal exigencies. Leave of absence for all these is limited to 15 % of the academic contact hours for the course.

In case of long illness or major personal tragedies/exigencies the Principal can relax the minimum attendance requirement to 70%, to write the semester examination. This is permitted for one or more courses registered in the semester. The Principal shall keep all records which led to his decision on attendance, for verification by the Academic Auditor. However this concession is applicable only to any one semester during the entire programme. In case of prolonged illness, break of study is permitted up to two semesters which could extend the programme up to six semesters, the maximum permitted by the regulations.

RU-2   Leave of Absence

Students who desire to take leave under RU1 have to apply for it to the teacher conducting the course. This application together with any supporting documents like doctor's certificate or other relevant information is to be forwarded to the Head of the Department with the recommendation of the teacher indicating the total leave of absence the student has so faravailed. Approval for leave is to be given by the head of the department. After any prolonged medical leave, normally exceeding five instruction days, on rejoining, the student has to produce the fitness certificate given by the doctor.

RU-3   Malpractices in Examinations

Every college in the cluster should have an Academic Disciplinary Action Committee [ADAC] constituted by the Principal of the college. Malpractices in examinations shall be viewed seriously. Any such incident seen/reported by a faculty member or an invigilator associated with examinations shall be reported to the Principal who in turn shall refer it to ADAC. On the basis of the report and the evidence available or gathered, ADAC shall immediately initiate an enquiry giving the student a chance to explain his case. Based on this the committee shall recommend the course of action in line with the guidelines formulated for this by the CPGB for action by the Principal. In case of disputes a student can appeal to the CPGB and its decision on the matter shall be final.

RU- 4   Project Evaluation

Normally students are expected to do the project within the college. However they are permitted to do the project in an industry or in a government research institute under a qualified supervisor from that organization. Progress of the project work is to be evaluated at the end of the third semester. For this a committee headed by the head of the department with two other faculty members in the area of the project, of which one shall be the project supervisor. If the project is done outside the college, the external supervisor associated with the student will also be a member of the committee. Final evaluation of the project will be taken up only on completion of the project in the fourth semester. This shall be done by a committee constituted for the purpose by the principal of the college. The concerned head of the department shall be the chairman of this committee. It shall have two senior faculty members from the same department, project supervisor and the external supervisor, if any, of the student and an external expert either from an academic/R&D organization or

from Industry as members. Final project grading shall take into account the progress evaluation done in the third semester and the project evaluation in the fourth semester. If the quantum of work done by the candidate is found to be unsatisfactory, the committee may extend the duration of the project up to one more semester, giving reasons for this in writing to the student. Normally further extension will not be granted and there shall be no provision to register again for the project.

RU-5   Project work outside the College

While students are expected to do their projects in their colleges, provision is available for them to do it outside the college either in an industry or in an institute of repute. This is only possible in the fourth semester and the topic of investigation should be in line with the project part planned in the 3rd semester. Student should apply for this through the project supervisor indicating the reason for this well in advance, preferably at the beginning of the 3rd semester. The application for this shall include the following:-

Topic of the Project:

Project work plan in the 3rd Semester:
Reason for doing the project outside:
Institution/Organization where the project is to be done:
External Supervisor – Name   :
                    Designation   :
                    Qualifications   :
                    Experience   :
Letter of consent of the External Supervisor as well as from the organization
This application is to be vetted by a departmental committee constituted for the same by the Principal and based on the recommendation of the committee the student is permitted to do the project outside the college. The same committee should ensure the progress of the work periodically and keep a record of this.

7.4 Calculation of SGPA/CGPA

Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA) are calculated as follows.

SGPA = £(Ci×GPi)/£Ci where Ci is the credit assigned for a course and GPi is the grade point for that course. Summation is done for all courses registered by the student in the semester. Here the failed courses are also accounted.

CGPA = £(Ci×GPi)/£Ci where Ci is the credit assigned for a course and GPi is the grade point for that course. Summation is done for all courses registered by the student during all the semesters for which the CGPA is needed. Here the failed courses are also accounted. CGPA of all courses.

College of Engineering Perumon
KTU Academic Calendar - November 2022 to March 2023
(B.Tech S1/S3/S5, M.Tech S1)

Sl.No	Important Events	Important Dates
	Odd Semester(2022-2023)	
1	Commencement of classes for MBA S1, MCA S1, Int MCA S1, B.Des S7	10-10-2022
2	Commencement of classes for M.Tech S1, M.Arch S1, M.Plan S1, B.Tech S1, B.Arch S1, B.Des S1, BHMCT S1	25-10-2022
3	Student Induction Training Programme for S1 B.Tech	25-10-2022 to 29-10-2022
4	First and Second CC Meetings for MBA S1, MCA S1, Int MCA S1, B.Des S7	18-10-2022, 24-11-2022
5	Third CC Meeting for MBA S1, MCA S1, Int MCA S1	13-01-2023
6	CC Meetings for M.Tech S1, M.Arch S1, M.Plan S1, B.Tech S1, B.Arch S1, B.Des S1, BHMCT S1	04-11-2022, 20-12-2022, 01-02-2023
7	Course Selection and Mapping Begins for MBA S1, MCA S1, Int MCA S1, B.Des S7	17-10-2022
8	Course Selection and Mapping Ends for MBA S1, MCA S1, Int MCA S1, B.Des S7	19-10-2022
9	Course Selection and Mapping Begins for M.Tech S1, M.Arch S1, M.Plan S1, B.Tech S1, B.Arch S1, B.Des S1, BHMCT S1	03-11-2022
10	Course Selection and Mapping Ends for M.Tech S1, M.Arch S1, M.Plan S1, B.Tech S1, B.Arch S1, B.Des S1, BHMCT S1	07-11-2022
11	First Series test to be completed for B.Des S7	05-11-2022
12	First Series test to be completed for MBA S1, MCA S1, Int MCA S1	16-11-2022
13	First Series test to be completed for M.Tech S1, M.Arch S1, M.Plan S1, B.Tech S1, B.Arch S1, B.Des S1, BHMCT S1	09-12-2022
14	Exam Registration begins for MBA S1, MCA S1, Int MCA S1, M.Tech S1, M.Plan S1, M.Arch S1, B.Tech S1, B.Arch S1, BHMCT S1, B.Des S1, B.Des S7	28-11-2022
15	Exam Registration ends for MBA S1, MCA S1, Int MCA S1, M.Tech S1, M.Plan S1, M.Arch S1, B.Tech S1, B.Arch S1, BHMCT S1, B.Des S1, B.Des S7	03-12-2022
16	Second Series test to be completed fo B.Des S7	03-12-2022
17	Second Series test to be completed for MBA S1, MCA S1, Int MCA S1	07-01-2023
18	Second Series test to be completed for M.Tech S1, M.Arch S1, M.Plan S1, B.Tech S1, B.Arch S1, B.Des S1, BHMCT S1	25-01-2023
19	Publish IA Marks for B.Des S7	14-12-2022
20	Class Ends Publish Attendance for B.Des S7	15-12-2022
21	Publish IA Marks for MBA S1, MCA S1, Int MCA S1	23-01-2023
22	Class Ends Publish Attendance for MBA S1, MCA S1, Int MCA S1	24-01-2023
23	Publish IA Marks for M.Tech S1, M.Arch S1, M.Plan S1, B.Tech S1, B.Arch S1, B.Des S1, BHMCT S1	07-02-2023
24	Class Ends Publish Attendance for M.Tech S1, M.Arch S1, M.Plan S1, B.Tech S1, B.Arch S1, B.Des S1, BHMCT S1	08-02-2023
25	Commencement of End Semester Examination for B.Des S7	03-01-2023
26	Commencement of End Semester Examination for MBA S1, MCA S1, Int MCA S1	03-02-2023
27	**Commencement of End Semester Examination for M.Tech S1, M.Arch S1, M.Plan S1, B.Tech S1, B.Arch S1, B.Des S1, BHMCT S1**	20-02-2023

9. STAFF MEMBERS

Principal

Prof. (Dr.) Bindu.S.J, M.Tech, PhD. Ph : 0474-2550400 (O), 9447150400 (M)

9.1 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	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	9947061894
9.	Sri. Mukundakumar M.	Assistant Professor	M. Tech	8075714950
10.	Sri. Surjith S	Assistant Professor	M.Tech, PhD*	9745108232
11.	Smt. Jesna 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

LAB STAFF

Sl.No.	Name	Designation		Phone No.
18.	Smt. Jeseena A	Instructor Gr-II		9400897896
19.	Sri. Rejith R.	Trade Instructor Gr.II		9495116956
20.	Sri. Venu P	Trade Instructor Gr.II		9846501790
21.	Smt. Reshma R S	Trade Instructor Gr.II		9526325984
22.	Smt. Suma S	Trade Instructor Gr.II		8129375603

9.2 COMPUTER SCIENCE AND ENGINEERING

Sl.No.	Name	Designation	Qualification	Phone No.
1.	Dr. K.S.Angel Viji	Associate Professor (HOD)	M.Tech, PhD	9751280848
2.	Smt. Smitha C.S	Assistant Professor	M.Tech	9446794749
3.	Smt. Surya S R	Assistant Professor	M.Tech, PhD*	9446556505
4.	Smt. Sreenithya.N	Assistant Professor	M.Tech, PhD*	
5.	Smt.Suja Vijayan.	Assistant Professor	M.Tech	9846372722
6.	Sri. Muhammed Nizar B.K	Assistant Professor	M.Tech	9747125560

7.	Sri. Ratheesh.S	Assistant Professor	M.Tech	8547427818
8.	Smt.Sujarani.M.S	Assistant Professor	M.Tech	9495918218
9.	Smt.Remya.R	Assistant Professor	M.Tech	9495903496
10.	Sri. Muhammed Azharudeen Sahib.S	Assistant Professor	M.Tech	9495550834
11.	Smt.Sowmya.K.S	Assistant Professor	M-Tech	8547359491
12.	Dr.Varun Chand.H	Assistant Professor	M-Tech,PhD	9037939080
13	Sri.Anoop.S	Assistant Professor	M-Tech,PhD*	9446747253
14.	Smt.Deepa.K.Daniel	Assistant Professor	M-Tech	8991174195
15	Sri.Sidhik.A	Assistant Professor	M-Tech	9995448313
16.	Sri.Anish.A.Aziz	Assistant Professor	M-Tech	8590514876
17	Sri.Anison Abraham	Assistant Professor	M-Tech	7012791171
18.	Smt.Antu Raj	Assistant Professor	M-Tech	9447607256

LAB STAFF

19	Sri.Navas.Y	Computer Programmer		9495432422
20	Sri. Sajeer S	Hardware Instructor		9847525885
21.	Sri. Arun C Pillai	Tradesman		9895463735
22.	Smt.Jaseera.A	Tradesman		8947226523

9.3 ELECTRICAL AND ELECTRONICS ENGINEERING

Sl.No.	Name	Designation	Qualification	Phone No.
1.	Smt. Jasna Basheer	Assistant Professor (HOD)	M. Tech, PhD*	9496332274
2.	Sri. Rahul Charles C.M.	Assistant Professor	M. Tech	9496366337
3.	Sri. Thasreef H.R.	Assistant Professor	M. Tech	9995364082
4.	Smt. Edwina Rodrigues	Assistant Professor	M. Tech	9526391325
5.	Smt. Rekha T.	Assistant Professor	M. Tech, PhD*	9497776509
6.	Smt. Viji Chandran	Assistant Professor	M. Tech	9895238814
7.	Smt. Saritha M.	Assistant Professor	M. Tech,PhD*	9526018778
8.	Smt. Ajisha S.	Assistant Professor	M.Tech	9447790928
9.	Smt. Jasmi M.S.	Assistant Professor	M. Tech	9447361252
10	Sri.Sreeraj.R	Assistant Professor	M.Tech	8907536022
11.	Sri.Nishad.N	Assistant Professor	M. Tech	9946864520

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

9.4 MECHANICAL ENGINEERING

Sl.No.	Name	Designation	Qualification	Phone No.
1.	Dr. Dileep Lal	Associate Professor(HOD)	M.Tech, Ph.D	9400037080
2.	Sri. Shamnad M	Assistant Professor	M.Tech,PhD*	9495805914
3.	Smt. Sony R	Assistant Professor	M.Tech	9447865695
4.	Sri. Syamkumar G	Assistant Professor	M.Tech, PhD*	9497137744
5.	Sri. Suneer K S	Assistant Professor	M.Tech.PhD*	9446639190

6.	Sri. Sudeep Dinesh	Assistant Professor	M.Tech	9746930925
7.	Sri. Jithin V.M.	Assistant Professor	M.Tech	9447449649
8	Sri. Akhil J. Chandran	Assistant Professor	M.Tech	9656196131
9	Sri. Harikrishnan H.	Assistant Professor	M.Tech	9496712925
10	Sri. Muhammed Khais	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

9.5 CIVIL ENGINEERING

Sl.No.	Name	Designation	Qualification	Phone No.
1.	Smt. Haseena Beegum	Assistant Professor	M.Tech	9495358601
2.	Sri. Senthil Kumar P.	Assistant Professor	M.Tech,PhD*	9995890729
3	Smt.Uma Mohan	Assistant Professor	M.Tech	7907934926
4	Smt.Sabna Mohanan	Assistant Professor	M.Tech	9497338050

9.6 APPLIED SCIENCE DEPARTMENT

Sl.No.	Name	Designation	Qualification	Phone No.
1.	Smt. Manjulatha.P.A	Assistant Professor (Maths)	MSc,NET	9961624291
2.	Sri. Romy Roy	Assistant Professor (Maths)	MSc,NET	9447659638
3.	Smt. Thushara S.	Assistant Professor (Maths)	MSc, BEd	7025494408
4.	Dr.Sidharth Sharma.S.R	Assistant Professor (Maths)	MSc, PhD	9744209809
5.	Smt. Rehina Sharafudeen	Assistant Professor (English)	MA,BEd,SET	9497270070
6.	Smt. Haritha.H	Assistant Professor (Physics)	MSc	9495969732
7.	Sri.Lalu.L	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 |

9.7 CENTRAL LIBRARY

Sl.No.	Name	Designation	Qualification	Phone No.
1.	Smt. Jyothi.S	Librarian Gr.II	MLISc	9400417650
2	Sri. Sushin Suresh	Librarian	MLISc	9037421135

9.8 ADMIN STAFF

Sl.No.	Name	Designation		Phone No.
1.	Sri. M.N. Devarajan	Admn. Officer		9446396412
2.	Sri. Shamim F.H.	Jr. Superintendent		9747570236
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. Anitha Rani M.R.	Electrical Supervisor		9447087535
8.	Sri. Renjith S.	Electrician		9747966826

9.	Sri. Sajeev R	Peon	9447181015
10.	Sri. Vijayankutty P	Security	9961786974
11.	Sri. Balachandran Pillai	Security	9847147013
12.	Sri. Ajesh S	Office Security	8907414924
13.	Sri. Rejith R	Office Security	9995891937
14.	Sri. Shine S. Pillai	Security	9645803357
15.	Sri. Jayakumar S.	Security	9446289105
16.	Sri. Ullas krishnan U.	Attender cum Driver	8907887124
17.	Smt.Jayasreekumari.P	Sweepers	9446107502
18.	Smt.Sujatha L	Sweepers	9961663749
19.	Smt.Neethu V	Sweepers	9544655428
20.	Smt.Sheela R	Sweepers	8593870012
21.	Smt. Mini P.	Sweepers	9605133315

9.9 BUS DRIVERS

Sl.No.		Name	Phone No.
1.	Sri. Suresh Surendran	Bus Driver	9947341526
2.	Sri. Chandra Babu	Bus Driver	7357761947
3.	Sri. Rajendra Babu	Bus Driver	9495067745
4.	Sri. Rajendranathan Pillai	Bus Driver	9495892680
5.	Sri. Suryakanthan	Bus Driver	9947584278
6.	Vijayan V.	Bus Driver	9020445657

* Undergoing.

10. 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 :