

# CO-OPERATIVE ACADEMY OF PROFESSIONAL EDUCATION

(Established by the Govt. of Kerala)

CAPE

## PROSPECTUS 2020-21



Admission to M.Tech Degree courses  
in the Engineering Colleges under CAPE

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# Co-operative Academy of Professional Education (Kerala)

(Established by the Government of Kerala)

## 1. Introduction

The Co-operative Academy of Professional Education (CAPE) is an autonomous society registered in 1999 under the Travancore-Cochin Literary, Scientific and Charitable Societies Act, 1955 on the basis of the Memorandum of Association and the Rules approved by the Government of Kerala and promoted by the Co-operation Department, Government of Kerala. The Co-operative Academy of Professional Education (CAPE) is aiming to establish Educational Institutions in various professional fields to provide facilities and promote Education and Training, Research and Development. The Hon'ble Chief Minister of Kerala is the Ex-Officio Chairman of the Society. The Hon'ble Minister for Co-operation is the Ex-Officio Vice Chairman and the Chairman of the Executive Committee. The Director of the Academy is the Member Secretary of the society.

## 2. Institutions under CAPE

Co-operative Academy of Professional Education (CAPE) is running the following professional Institutions of Kerala State.

Sl No	Name of Institution
1.	College of Engineering, Muttathara, Thiruvananthapuram District.
2.	College of Engineering, Perumon, Kollam District.
3.	College of Engineering Pathanapuram, Kollam District.
4.	College of Engineering, Aranmula, Pathanamthitta District.
5.	College of Engineering & Management, Punnappra, Alappuzha District.
6.	College of Engineering, Kidangoor, Kottayam District .
7.	College of Engineering, Vadakara, Kozhikode District.
8.	College of Engineering, Thalassery, Kannur District.
9.	College of Engineering, Trikaripur, Kasaragod District.

### **Management Stream**

1. Institute of Management & Technology (IMT) Punnapra, Alappuzha.

### **Finishing School:**

2. Kerala Institute of Making the Best (KIMB) Punnapra, Alappuzha.

### **Eligibility for Admission**

1. The Candidates shall be an Indian National.
2. The candidates should have studied the Graduate course in an institution approved by the AICTE/Deemed Universities in India.
3. Candidates should have a minimum of 60% aggregate marks in the Engineering Degree examination. For SC/ST candidates a pass in the Engineering Degree course is sufficient. For SEBC (OBC) students, a minimum of 54% aggregate marks in the Engineering Degree examination is mandatory.
4. Candidates who have passed AMIE/AMIETE Examination and satisfying the following conditions are eligible for admission.
  1. They must have valid GATE Score,
  2. A minimum of 55% marks for section B in AMIE/AMIETE examination.
5. Candidates who have appeared for the final semester examination can also apply, provided he/ she has passed all the subjects up to and including the 6<sup>th</sup> Semester exam (8<sup>th</sup> semester of B.Arch students). Confirmation of admission of such candidates shall be subject to the production of qualifying degree satisfying clauses V(a) to (d) as applicable on or before the date stipulated by the affiliated university.
6. Admission shall normally be restricted to those with valid GATE score, however, this stipulation is relaxed in the case of **Sponsored Candidates**.
7. In case seats remain vacant due to lack of candidates with valid GATE score, candidates from Kerala State without valid GATE score will also be considered against such vacancies. If seats are still remaining vacant, candidate from other states will be considered for admission.

### **DIVISION OF SEATS AND MODE OF SELECTION**

- i. Total seats available for M.Tech Programme in the Colleges under CAPE is shown in the table given below.

Sl No	Name of Colleges	M.Tech Course	Merit	Sponsored	Total
1	CE Perumon	Computer and Information Science(CIS)	14	4	18
2	CE Kidangoor	Wireless Technology (ECE)	10	2	12
		Computer and Information Science(CIS)	14	4	18
3	CEM Punnapra	Computer Science and Engineering (CSE)	14	4	18
4	CE Thalassery	Manufacturing system and Management (ME)	14	4	18
		Signal Processing (ECE)	14	4	18
		Total	<b>80</b>	<b>22</b>	<b>102</b>

- ii. Total 84 **Merit seats** available in the colleges under CAPE shown in the table above for M.Tech Programme will be filled in by the DTE by observing Merit and reservation policies of Government/University.
- iii. Total 24 **sponsored seats** available in the college under CAPE for M.Tech Programme shown in the table are reserved for eligible candidates from **Educational/ Research Institutions approved by AICTE/UGC/Govt/Universities under sponsored Category.**
- iv. For **sponsored** candidates, minimum of 2 years experience is required after acquiring a Qualifying degree in a job where the minimum eligibility is the qualifying degree.
- v. Sponsored candidates must have been in regular employment on Time Scale/ Pay Band with their sponsor for at least two years. They shall submit their application through proper channel with due recommendations of their Head of the Institutions.
- vi. If any sponsored seat remains unfilled, it can be converted to Merit seats and the institutions themselves can fill the above seats by inviting separate applications from among the candidates figuring in the rank list published by the Director of Technical Education on Merit basis and following the reservation policy.

### **SCHOLARSHIP**

GATE qualified candidates who satisfy the following conditions are eligible for Scholarship subject to the sanction and release of the grant from the AICTE/MHRD.

1. Each student shall give an undertaking to the effect that he/she shall work 8 to 10 hours per week related to teaching and research activities as assigned by the institutions.
2. The students must secure first class or equivalent during the first semester examination to become eligible for continuance of scholarship.
3. The student shall give an undertaking to the effect that he/she will not leave the course midway or appear for any competent examination not related to Engineering and Technology.
4. The student shall not receive any emoluments, salary, stipend etc from any other source during the course of study.
5. In the case of candidates with valid GATE score but do not satisfy the condition (1) above, an amount of Rs.1000/- only will be given as Scholarship.

Sponsored candidates shall not be eligible for the stipend.

### **LIQUIDATED DAMAGES**

The candidates who obtain admission and discontinue studies after scheduled date for closing of M.Tech admission 2019 (in the self-financing Institutions ordered by DTE) will have to pay Rs.30,000/-(Rupees Thirty Thousand Only) plus the tuition fee and special fee for the remaining period of the course of study as liquidated damages. Candidates who secure admission to IIT/IISC/NIT/IIIT/or any defence department are exempted from remitting liquidated damages. In all other cases the Transfer Certificate will be issued only after remitting the liquidated damages to the authority concerned.

Candidates belonging to SC/ST/OEC are exempted from this rule.

**Course Fee**

Sl. No.	Category	Amount	Type of payment
1.	Tuition fee	Rs.12,000/- (For Merit quota)	per semester
		Rs.20,000/- (For Sponsored quota)	Per Semester
2.	Admission fee	Rs.250/-	One time
3.	Caution deposit	Rs.5000/-	One time
4.	Establishment fee	Rs.2000/-	Yearly
5.	College special fee (lab & library)	Rs.2000/-	Yearly
6.	Co-operative Society	Rs.55/-	One time
7.	PTA fund	Rs.3000/-	One time
8.	<b>Student Activity Fund</b>		
	i. Arts	200	Rs.1000/- yearly
	ii. Sports	200	
	iii. Magazine	200	
	iv. Union & others	400	
9.	Bus fund	Rs.3000/-  (no fee for SC/ST/OEC)	One time
10.	Career Guidance and Training fund	Rs.500/-	Yearly
11.	Administration Fee	Rs.1000/-	One-time fee to be collected at the time of admission
12.	University Examination Fee	As applicable	Per Semester
13	University Arts and Sports fee	Rs.500/-	Per year

### **APPLICATION FEE & FORM**

Application fee will be Rs.1000/--(Rs.500/- for SC/ST candidates) which shall be remitted by way of cash/online transfer/Demand Draft drawn on State Bank of India in favour of Principal, College of Engineering.....(Concerned college) Payable at .....(Concerned District).The cash receipt/ online transfer slip/DD may be sent along with the application.

The application form and prospectus can be downloaded from the websites.

[www.capekerala.org](http://www.capekerala.org) or [www.perumonec.ac.in](http://www.perumonec.ac.in).[www.cempunnapra.org](http://www.cempunnapra.org), [www.ce.kgr.org](http://www.ce.kgr.org).  
[www.cethalassery.ac.in](http://www.cethalassery.ac.in)

### **ENCLOSURES TO BE ATTACHED WITH THE APPLICATION**

Copies of the following documents self attested by the candidate shall be submitted along with the application.

1. SSLC/equivalent certificate proving the Date of Birth of the applicant.
2. Community and Income certificate issued by the Village Officer for candidates who claim eligibility under SEBC quota.
3. Community certificate issued by the Tahsildar for candidates who claim eligibility for reservation under SC/ST quota.
4. Qualifying degree certificate and mark lists.
5. Valid GATE Score card.
6. Employment Certificate, Experience Certificate and Sponsorship Certificate (Please see Annexure-1) form the concerned Organization for sponsored candidates. The filled up application along with attested copies of supporting documents shall reach the Office of the Principal, College of Engineering Perumon/Kidangoor/Thalassery and College of Engineering and Management Punnapra in the address given below.
7. Application fee by way of Cash/online transfer

#### **College of Engineering, Perumon**

Perinad P.O. Kollam – 691601

#### **College of Engineering, Kidangoor**

Kidangoor South P.O. Kottayam -686 583

#### **College of Engineering and Management, Punnapra**

Vadakkal.P.O. Alappuzha- 688 003.

#### **College of Engineering, Thalassery**

Kundoormala, Eranholi P.O. Kannur- 670 107

Applications without supporting documents and required application fee will be summarily rejected. The candidates at their own interest are advised to send the applications by Registered post. College cannot be held responsible for non-receipt of late receipt of application, under any circumstances.

(Any other details not specifically covered by the clause given in the Prospectus will be decided by the Principal, College of Engineering Perumon, Kidangoor, Thalassery and College of Engineering and Management, Punnapra/ the Director, CAPE in consultation with the Executive Committee of CAPE, without any prior intimation to the candidates)

## **1. COLLEGE OF ENGINEERING, PERUMON**

### **( ISO 9001:2015 CERTIFIED) NBA ACCREDITED**

The College is located in a vast area of 25 acres of land on the banks of the Ashtamudi Lake with a picturesque and serene ambience at Perumon in Panayam Panchayath in Kollam District. The College is about 12 kms from the city of Kollam.

The College started functioning during the academic year 2000-2001 and is affiliated to APJ Abdul Kalam Technological University for conducting B.Tech and M.Tech courses.

The College has made it a pleasing practice to hunt most of the university ranks to its achievement file in all disciplines from the beginning itself. Right from the first batch itself the college has been rated high for its academic excellence among the various colleges. The Institution has a full fledged Training & Placement Cell (TPC) which dedicates itself to help students to develop their personality and establish their careers. The activities of TPC include preparing the students to face Competitive Examinations and Interviews through intensive training. TPC is constantly in touch with companies and offers all facilities for conducting recruitment. Students of this College have been placed in leading Multi-National Companies like INFOSYS, WIPRO, TCS, E&Y, IBS, UST GLOBAL & SPERIDIAN TECHNOLOGY . During the current academic year 104 students have been placed in these companies. TEQIP has been implemented in this college in order to produce high quality engineers for better employability. From the inception of the college, 65 University ranks in B.Tech and 4 ranks in M. Tech were secured so far. The Colleges library is well equipped with RFID based library security system for round the clock protection of the library books which is First of its kind among Engineering colleges in Kerala. Hostel facilities are available for students. Students of College of Engineering Perumon has secured 5 ranks during the academic year 2018.

College of Engineering Perumon, has got ISO 9001:2015 certification and NBA Accreditation in ECE and EEE branches in the current year. For ME and CSE branches NBA accreditation is in the pipeline. CE Perumon has been honoured by MVR foundation award considering Institution's Unique contributions and achievements for the last few years in the field of Engineering Education

### **B.Tech Courses**

B.Tech in Electronics & Communication Engg.

B.Tech in Electrical & Electronics Engg.

B.Tech in Computer Science & Engg.

B.Tech in Mechanical Engineering

### **M.Tech Course**

Branch	Merit	Sponsored	Total
1. Computer And Information Science (CIS)	14	4	18

The college has signed an MOU with Ministry of Micro, small and medium scale Entrepreneurship (MSME) for conducting training programmes to the students. The college has state of the art laboratories and qualified faculties.

The college has been selected for Technical Education Quality Improvement Programme (TEQIP) of World Bank and successfully completed TEQIP-II within the specified time.

## Contact details

The Principal, College of Engineering, Perumon  
Perinad.P.O, Kollam  
Pin-691 601.  
Phone:0474-2550500,2550400  
Web: [www.perumonnec.ac.in](http://www.perumonnec.ac.in)  
Email: [info@perumonnec.ac.in](mailto:info@perumonnec.ac.in)

## 2. **COLLEGE OF ENGINEERING, THALASSERY** **(ISO 9001:2015 CERTIFIED), NBA ACCREDITED**

The College of Engineering Thalassery established during the academic year 2000-2001 and is affiliated to A.P.J Abdul Kalam Technological University. The college is located at Kundoomala, Eranholi 6.5 km east of Thalassery town in Kannur district. The students of this college have regularly bagged university ranks.

The College has an effective placement cell, which arranges campus interview, career development and soft skills development training programs. Most of the students who passed out are placed in top multi-national companies in India and abroad. The Career Guidance & placement Unit (CGPU) functions with the objective of giving apt career guidance and placement opportunities. It is a group of zealous students guided by duty bound teachers. The cell acts as morale booster to extend all possible assistance to career conscious students. The major activities executed includes Soft skill development Training Programme for final year students, Employability Skill Assessment Test (NAC-Test), Placement drive both on campus & off campus with MNC'S like Infosys, TCS, E&Y, Poornam, QUEST,QBURST, HCL, IBS, UST, VVdian, WIPRO, ASTERBYTE, STROKEX, DXC, SOTI, IPSR, Algomax, Kaynes Technologies, Qspider, Predmac, Cognizant, Nethram, CMS, Bosch, Smiling coders, Uralungal etc. TEQIP has been implemented in this college. Students of College of Engineering Thalassery has secured 5 ranks during the academic year 2016, 7 ranks during the academic year 2017 and 4 ranks during the academic year 2018 respectively in the examination conducted by CUSAT.

- College of Engineering Thalassery has got ISO 9001:2015 certification in the current year.
- College of Engineering Thalassery has got NBA Accreditation for two programmes  
1. EEE and 2. ME
- CE Thalassery, has successfully completed TEQIP II project.

### **B.Tech Courses**

B.Tech in Electronics & Communication Engg.  
B.Tech in Electrical & Electronics Engg.  
B.Tech in Computer Science & Engg.  
B.Tech in Information Technology  
B.Tech in Mechanical Engineering  
B.Tech in Civil Engineering

### **M.Tech Course**

Branch	Merit	Sponsored	Total
1. Manufacturing Systems Management (ME)	14	4	18



2. Signal Processing (EC)	14	4	18
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The college has signed an MOU with Ministry of Micro, small and medium scale Entrepreneurship (MSME) for conducting training programmes to the students. The college has state of the art laboratories and qualified faculties.

The colleges has been selected for Technical Education Quality Improvement Programme (TEQIP) of World Bank and successfully completed TEQIP-II within the specified time.

Contact details

The Principal, College of Engineering, Thalassery, Kundoomala,  
 Eranholi.P.O. Kannur-670107 Ph: 0490-2307190, 23388930,  
 Fax-0490-2388930.  
 Web: [www.cethalassery.ac.in](http://www.cethalassery.ac.in).  
 Email: [principal@cethalassery.ac.in](mailto:principal@cethalassery.ac.in) [cet-cape@yahoo.com](mailto:cet-cape@yahoo.com)

### 3. COLLEGE OF ENGINEERING, KIDANGOOR (ISO 9001:2015 CERTIFIED)

The College of Engineering Kidangoor was established during the year 2000 - 2001 at Kidangoor in Kottayam district of Kerala. The College is situated at a serene place near Kidangoor Subramanya Swami Temple, 20 kms away from Kottayam. The campus extends over 25.6 acres of land.

Leading multi-national companies like: TCS, INFOSYS, CTS, WIPRO, SATYAM, US Global, L & T InfoTech, IBS, ACCENTURE, NEST, Speridian Technologies, GetUr Solutions, Poornam Infovision etc are the regular recruiters from the campus during recent years. Since its inception the students of the college has bagged 29 Ranks in various disciplines like Electronics and Instrumentation, Electronics and Communication, Electrical and Electronics Engineering and Information Technology. Students of College of Engineering Kidnagoor has secured 6 ranks during the academic year 2016, 6 ranks during the academic year 2017 and 13 ranks during the academic year 2018 respectively in the examination conducted by CUSAT. Placement drives were conducted for the students of the College. During the Current year 31 students were placed through Placement drive in the College and got 24 opportunity as such a total of 48 students were placed with 57 job offers.

The college hostel provided to the boys and girls students are managed by the college PTA. There are eight college buses operating from different parts of the district for the conveyance of the students and staff of the college. CE Kidangoor, has successfully completed TEQIP II project.

#### **B.Tech Courses**

- B.Tech in Electronics & Communication Engg.
- B.Tech in Electrical & Electronics Engg.
- B.Tech in Computer Science & Engg.
- B.Tech in Civil Engineering

#### **M.Tech Course**

Branch	Merit	Sponsored	Total
1. Electronics (Wireless Technology)	14	4	18

2. Computer and Information Science	14	4	18
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The college has signed an MOU with Ministry of Micro, small and medium scale Entrepreneurship (MSME) for conducting training programmes to the students. The college has state of the art laboratories and qualified faculties.

The colleges have been selected for Technical Education Quality Improvement Programme (TEQIP) of World Bank and successfully completed TEQIP-II within the specified time.

Contact details

The Principal, College of Engineering, Kidangoor,  
Kidangoor South.P.O. Kottayam- 686 583  
Ph: 0482-2256056,  
Fax-0482-2255056  
Web: [www.ce-kgr.org](http://www.ce-kgr.org) Email: [cekcape@gmail.com](mailto:cekcape@gmail.com)

### **COLLEGE OF ENGINEERING & MANAGEMENT, PUNNAPRA**

The College of Engineering & Management Punnapra, Alappuzha started during the year 2008 - 2009. The College is situated near NH47 bypass junction, Kalarkode, Alappuzha and affiliated to A.P.J Abdul Kalam Technological University.

With the vision “Quality technical education with social commitment”, CEM Punnapra has emerged as one of the premier institutes in Kerala offering engineering education. We keep a very good academic track record since its inception and bagged two first ranks in B. Tech. Civil Engineering and B. Tech. IT in 2015 and in 2017 respectively. With proper training and timely guidance by the Training and Placement Cell of the college, plenty of students have found their jobs in reputed companies such as INFOSYS, IBS, Amazon, TCS, Wipro, Hexaware, UST Global, Poornam Info Vision, OEN India Pvt Ltd during the final semester itself. Various forums such as IEDC and IIC have taken initiative to begin a number of start ups and encourage entrepreneurships.

Apart from the academic activities, College students union conducts Tech Fests (Atharva), Arts and Sports fests every year. As a result, a lot of talented students participate in the university arts/sports competitions winning several prizes.

About 200 volunteers from two units of National Service Scheme lead several community activities in association with many government organizations like health dept., local self government department, legal service society, excise, police and vigilance department.

College has a library with more than 20000 books and journals and a vast collection of digital books and journals. Hostel facility for both boys and girls are available in the campus and College buses are plying in various routes across Alappuzha district.

#### **B.Tech Courses**

B.Tech in Electronics & Communication Engg.  
B.Tech in Electrical & Electronics Engg.  
B.Tech in Computer Science & Engg.  
B.Tech in Civil Engineering  
B.Tech in Mechanical Engineering

## M.Tech Courses

Branch	Merit	Sponsored	Total
1. Computer Science & Engineering (CSE)	14	4	18

## Contact details

**The Principal, College of Engineering & Management Punnapra**  
Vadakkal.P.O.  
Alappuzha 688 003  
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