



INSTITUTE OF HUMAN RESOURCES DEVELOPMENT

(Established by Government of Kerala)

**ADMISSION TO M.TECH SPONSORED SEATS IN
ENGINEERING COLLEGES MANAGED BY IHRD
DURING 2018-'19**

PROSPECTUS

2018-'19

Model Engineering College, Thrikkakkara
College of Engineering, Adoor
College of Engineering, Chengannur
College of Engineering, Cherthala
College of Engineering, Kalloppa
College of Engineering, Karunagappally
College of Engineering, Poonjar

(Prospectus issued for previous years are not valid for 2018-19)

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1. Introduction

Institute of Human Resources for Development (IHRD) is an autonomous Educational Institution established by the Govt. of Kerala in 1987. IHRD is dedicated to scientific advancement, technological progress and economic growth of the country through human resources development. Today, IHRD with a network of more than 80 institutions ranging from Technical Higher Secondary Schools, and Regional Centers to Engineering Colleges with recognized research centers, play a pivotal role in the field of technical education in Kerala. Applications are invited in the prescribed format for admission of candidates to Sponsored seats in M.Tech degree courses (2 years) in various Engineering Colleges under IHRD for the academic session starting in 2018. The admission will be made by the respective Principals by preparing rank list from the applications received in each Engineering College.

2. Institutions, Courses, and Intake

Engineering Colleges under IHRD offering various M. Tech Programmes during the academic year 2018-2019 with approved intake and number of sponsored seats available are detailed below.

Sl No	Institution and Address	Branch	Specialization	Approved Intake	Sponsored Seats (*)
1.	Model Engineering College, Thrikkakara, Ernakulam. Pin:682021 Phone:0484-2577379(F)/ 2575370(O),8547005097. <u>Website:www.mec.ac.in</u>	Electronics	VLSI & Embedded Systems	24	6
			Signal Processing	18	4
			Opto Electronics & Communication Systems	18	4
		Computer Science	Image Processing	18	4
		Mechanical Engineering	Energy Management	24	6
2.	College of Engineering, Chengannur, Alappuzha Pin:689121 Phone:0479-2451424/ 2454125/8547005032. <u>Website:www.ceconline.edu</u>	Electronics	VLSI & Embedded Systems	24	6
		Computer Science	Image Processing	24	6
3.	College of Engineering, Karunagappally, Thodiyoor P.O.Kollam.Pin:690523 Phone:04762665935/ 8547005036 <u>Website: www.ceknpy.ac.in</u>	Electronics	Signal Processing	24	6
		Computer Science	Image Processing	24	6
4.	College of Engineering, Cherthala, Ottappunna, Pallippuram.P.O, Allappuzha. Pin:688541Ph:04782553416/ 8547005038 <u>Website: www.cectl.ac.in</u>	Electronics	Signal Processing	24	6
		Computer Science	Computer & Information Science	24	6
5.	College of Engineering, Adoor, Pin:691523 Phone:04734- 230640/ 8547005100 Web: <u>www.ceadoor.ihrd.ac.in</u>	Mechanical Engineering	Thermal Engineering	18	4

6	College of Engineering, Kalloppara Kadamankulam P.O, Pathanamthitta Pin:689583 Phone:0469- 2678983(O)/2677890(P)8 547005034. Website: www.cek.ac.in	Electronics	Signal Processing	24	6
		Computer Science	Cyber Forensic & Information Security	24	6
7	College of Engineering, Poonjar, Thekkekkara P.O., Erattupettah, Kottayam Pin:686582 Phone:04822- 271737/8547005035 Website: www.cep.ac.in	Electronics	Signal Processing	24	6
		Computer Science	Computer & Information Science	24	6

**One seat in each specialization in all Colleges is reserved for eligible candidates from IHRD service.*

3. Eligibility for Admission

3.1 General Eligibility Conditions

- Sponsored seats are reserved for eligible candidates from Educational / Research Institutions approved by AICTE/ UGC/ Govt. /Universities or Industry.
- For Sponsored candidates, minimum of 2 years Experience is required after acquiring the qualifying degree in a job where the minimum eligibility is the qualifying degree.
- Applicants should in general satisfy the eligibility conditions as prescribed by APJAKTU/DTE in the prospectus for admission to P G degree course in Engineering for the year 2018-19, published by Department of Technical Education, Govt. of Kerala.

3.2 Qualifications Prescribed for each Specialization(**)

- VLSI & Embedded Systems:** Degree in Electronics & Communication/Applied Electronics/Applied Electronics& Instrumentation/ Electronics & Instrumentation/ Electronics & Bio Medical /Electronics Engineering/Instrumentation
- Signal Processing:** Degree in Applied Electronics & Instrumentation/ Electronics & Communication/ Electronics & Instrumentation/ Electrical & Electronics/ Electronics /Electronics& Bio Medical Engineering/Instrumentation
- Opto-Electronics & Communication Systems:** Degree in Electronics & Communication/Electronics & Instrumentation/Electronics& Bio Medical/ Electrical & Electronics/Applied Electronics & Instrumentation/Electronics Engg./Instrumentation
- Image Processing:** Degree in Computer Science & Engineering/Information Technology
- Computer and Information Science: Degree** in Computer Science & Engineering/ information Technology.
- Cyber Forensic and Information Security:** Degree in Computer Science & Engineering /Information Technology/ Electronics & Communication Engineering /Electronics & Instrumentation Engineering/ Instrumentation

g) **Energy Management:** Degree in Mechanical/Automobile/Production/ Industrial /Mechanical stream Automobile/Mechanical stream Production/ Electrical & Electronics Engineering

h) **Thermal Engineering:** Degree in Mechanical/Automobile/Production/ Mechanical stream Automobile/Mechanical stream Production /Industrial Engineering

(**) Subject to modifications if any made by the University/Director of Technical Education.

4. Course structure

Four semester programme with a total duration of two academic years. The course content will be as per the syllabus prescribed by KTU, which will be aligned, to suite merging technology trends.

5. Course Fee

Sl.No	Details	Amount
1.	Tuition fee	Rs.55,000/- per semester (for sponsored candidates other than IHRD sponsored candidates).(***)
2.	Admission fee	Rs. 1,000/-
3.	Caution Deposit	Rs. 10,000/-
4.	PTA Fund	Rs.7,000/-
5.	Bus fee, Student insurance, Other university fees, etc.	As applicable

(***) Subject to Approval of Govt.

6. Submission of Application

Application form can be downloaded from the website of IHRD Engineering Colleges listed in Cl. (2) in this prospectus. Filled application along with supporting documents and a demand draft for Rs.500/- (Rs.250/- for SC/ST candidates) drawn on a Nationalized/Scheduled Bank, in favour of the Principal of the Engineering College concerned where the applicant desires admission, payable at the place of the college should be submitted to the Principal of the concerned college on or before the last date. (last date for submission will be intimated on the above websites)

7. Documents to be submitted along with duly filled Application

A. Self-attested true copies of the following documents

- i) Qualifying Degree certificate and Mark lists.
- ii) Equivalency certificate issued by the AIU for candidates, whose eligibility degree is awarded by Universities outside India.
- iii) Employment Certificate, Experience Certificate and Sponsorship Certificate from the concerned Organization.
- iv) SSLC/equivalent certificate mentioning the Date of Birth of applicant.

B. Demand Draft for Rs 500/- (Rs 250/- for SC/ST candidates)

Note: *Incomplete applications and applications submitted without all the above documents and DD will be summarily rejected.*

8. Selection of Candidates

For the purpose of selection and admission, each college will be treated as a separate unit. The selection except for IHRD sponsored candidates will be on the basis of Qualifying Examination marks and experience in the ratio 8:2. Minimum of 2 years Experience is required. 4 marks will be granted for each additional year of experience limited to a maximum of 20 marks. In the absence of sufficient applications in sponsored quota, the vacant seats will be converted to open merit seats and selection will be done accordingly.

9. Refund of Fees

Refund of fee will be applicable only to students who leave the college on cancellation of admission on or before commencement of class. The amount of fee collected will be refunded to the candidates only after the closing of admission for the year. No interest will be paid to the candidates.

10. Adjournment of Course

The candidates who take admission and discontinue their studies after closing of admission should pay the tuition fee for the remaining period of the course, for claiming TC and Conduct Certificate.

11. Important Dates

Date of Notification	25-05-2018
Last date of receiving completed Application Forms	12-06-2018 5 pm
Publication of Rank List (<i>will be published in the respective college websites</i>)	13-06-2018
Date of admission of selected candidates	20-06-2018 11 am
Commencement of Classes (<i>Subject to confirmation from University</i>)	01-08-2018

12. Rank list will be published in the website of the respective colleges. **All instructions regarding rank list /schedule of admission etc. will be published in the official website of the respective colleges only.**

13. This prospectus is subject to modifications as per the decisions of the IHRD authorities, Government of Kerala, AICTE and KTU without any prior intimation to the candidates.

Thiruvananthapuram
Date: 25-05-2018

Sd/-
DIRECTOR