



## **INSTITUTE OF HUMAN RESOURCES DEVELOPMENT**

*(Established by Government of Kerala)*

**ADMISSION TO M.TECH SPONSORED SEATS IN  
ENGINEERING COLLEGES MANAGED BY IHRD  
DURING 2023-24**

**PROSPECTUS**

**2023-24**

*(Applications to be submitted online through the website; [www.ihrdadmissions.org](http://www.ihrdadmissions.org))*

Model Engineering College, Thrikkakkara  
College of Engineering, Chengannur  
College of Engineering, Cherthala  
College of Engineering, Kalliooppara

*(Prospectus issued for previous years are not valid for 2023-24)*

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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 2023. 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 2023-24 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(P)/2575370(O), 8547005097.  <b>Website: <a href="http://www.mec.ac.in">www.mec.ac.in</a></b> <b>Bank Account No: 57016095619</b> <b>IFSC : SBIN0070218</b> <b>Name of Bank : SBI, Edappally</b>	Electronics	VLSI & Embedded Systems	24	6
			Signal Processing	18	4
		Computer Science	Data science	18	4
		Mechanical Engineering	Energy Management	18	4
2.	College of Engineering, Chengannur, Alappuzha Pin: 689121. Phone: 0479-2456046(P)/ 2454125(O)/ 8547005032.  <b>Website: <a href="http://www.ceconline.edu">www.ceconline.edu</a></b> <b>Bank Account No: 57030749064</b> <b>IFSC : SBIN0070085</b> <b>Name of Bank : SBI, Chengannur Town</b>	Electronics	VLSI & Embedded Systems	18	4
		Computer Science	Image Processing	18	4
3.	College of Engineering, Cherthala, Ottappunna, Pallippuram.P.O, Alappuzha. Pin: 688541, Ph: 0478-2553416/8547005038  <b>Website: <a href="http://www.cectl.ac.in">www.cectl.ac.in</a></b> <b>Bank Account No: 57026534827</b> <b>IFSC : SBIN0070081</b> <b>Name of Bank : SBI, Cherthala</b>	Computer Science	Computer & Information Science	18	4

4.	College of Engineering, Kallooppara, Kadamankulam P.O Pathanamthitta, Pin: 689583, Phone:0469- 2678983(O)/2677890(P),8547005034  <b>Website:www.cek.ac.in</b> <b>Bank Account No: 67344752689</b> <b>IFSC :SBIN0070464</b> <b>Name of Bank :SBI, Kallooppara</b>	Computer Science	Cyber Forensics& Information Security	18	4
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*\*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 3 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 2023-24, published by Department of Technical Education, Govt. of Kerala.

\*\* As per KTU M Tech regulations for Sponsored candidates, minimum of 3 years experience is required

#### 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/ Electrical & Electronics
- Signal Processing:** Degree in Applied Electronics & Instrumentation/ Electronics & Communication/ Electronics & Instrumentation/ Electrical & Electronics/Electronics & Bio Medical Engineering/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
- Energy Management:** Any Degree in Engineering
- Data Science:** Degree in Computer Science and Engineering, Artificial Intelligence, Intelligence and Data Science, Artificial Intelligence and Machine Learning, Computer Science and Business Systems, Computer Science and Design, Computer Science and Engineering (Cyber Security), Computer Science and Engineering (Artificial Intelligence and Machine Learning), Computer Science and Engineering (Artificial Intelligence), Computer Science and Engineering (Data Science) Computer Science and Engineering (Digital Forensics and Cyber Security), Information Technology, Electronics and Communications, Electrical and Electronics Engineering, Applied Electronics and Instrumentation, Electrical and Computer Engineering, Electronics and Computer Engineering, MCA, MSc Computer Science, M Sc in Mathematics /statistics with Valid Gate Score

(\*\*\*) 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 emerging technology trends.

#### 5. Course Fee

Sl.No	Details	Amount
1.	Tuition fee	Rs.30,000/- per semester ( <i>for sponsored candidates other than IHRD sponsored candidates</i> ).
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

#### 6. Submission of Application

Application form for admission to M.Tech courses against sponsored seats is to be completed online through the website of IHRD ([www.ihrdadmissions.org](http://www.ihrdadmissions.org)) please see Clause 2 of this Prospectus for website address). Separate application should be submitted for seeking admission to different Engineering colleges under IHRD. The print out of the online application along with required application fee and documents are to be submitted to the Principal of concerned colleges strictly following the time schedule.

#### 7. Application Registration Fee

The application Registration fee for all candidates will be Rs 600/- (Rs.300 for SC/ST). Application Registration fee can be paid in the bank account of respective Engineering colleges given in para 2 in favor of the Principal of the Engineering College concerned where the applicant desires admission. Application Registration fee once remitted shall not be refunded under any circumstances. The details of application Registration fee remitted should be entered in the admission portal while submitting the online application. Applications without application Registration fee will be summarily rejected.

#### 8. Documents to be submitted along with duly filled Application

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.

v. Copy of the Receipt of the Application fee remittance.

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

## 9. 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.

## 10. 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.

## 11. 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.

## 12. Important Dates

Date of Notification	<b>01/ 07/2023</b>
Last date of Online Application	<b>10/ 07 /2023</b>
Last date of receiving completed Application Forms	<b>12/ 07/2023</b>
Publication of Rank List (will be published in the respective colleges)	<b>14/ 07/2023</b>
Date of admission of selected candidates	<b>18 / 07 /2023</b>
Commencement of Classes	<b>As per direction from University and Govt.</b>

**13.** 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.**

**14.** 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: 30.06.2023

**Sd/-  
DIRECTOR**