INSTITUTE OF HUMAN RESOURCES DEVELOPMENT
(Government of Kerala)

ADMISSION TO M.TECH SPONSORED SEATS IN ENGINEERING COLLEGES MANAGED BY IHRD DURING 2024-25

PROSPECTUS
2024-25

*(Applications to be submitted online through the website; **www.mtech.ihrd.ac.in***

Model Engineering College,Thrikkakkara

College of Engineering, Kallooppara

(Prospectus issued for previous years are not valid for 2024-25)

ADMISSION TO M.TECH SPONSORED SEATS IN ENGINEERING COLLEGES MANAGED BY IHRD DURING 2024-25

1. Introduction

Institute of Human Resources for Development (IHRD) is an 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 2024. 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 2024-25 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. **website:www.mec.ac.in** **Bank Account No:57016095619** **IFSC :SBIN0070218** **Name of Bank :SBI, Edappally**	Electronics Engineering	VLSI & Embedded Systems	24	6
		ComputerScience	Data science	18	4
		Mechanical Engineering	Energy Management	18	4
2.	College of Engineering, Kallooppara, Kadamankulam P. O Pathanamthitta, Pin: 689583, Phone:0469-2678983(O)/2677890(P), 8547005034 **website:www.cek.ac.in** **Bank Account No: 67344752689** **IFSC :SBIN0070464** **Name of Bank :SBI, Kallooppara**	Computer Science	Cyber Forensics& InformationSecurity	18	4

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

a) Sponsored seats are reserved for eligible candidates from Educational / Research Institutions approved by AICTE/ UGC/ Govt. /Universities or Industry.

b) 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.

c) The candidate should have bachelor's degree in Engineering in the appropriate branch from a University approved by AICTE/UGC approved Deemed Universities in India and recognized to be eligible for higher studies by APJAKTU.

d) In case of candidates who have an Undergraduate Degree in Engineering from foreign universities, an eligibility certificate from APJ Abdul Kalam Technological University is to be produced. (M Tech Regulations, Curriculum 2022)

e) Notwithstanding all that is stated above; the admission policy may be modified from time to time by the University, particularly to confirm to the directions from the Government of Kerala/ Government of India/AICTE as the case may be.

** As per KTU 2022 M Tech regulations for Sponsored candidates, minimum of 3 years experience is required.

3.2 Qualifications Prescribed for each Specialization(***)

a) **VLSI & Embedded Systems**: B.Tech Degree in Electronics & Communication/ Applied Electronics& Instrumentation Engineering/ Electronics& Bio Medical Engineering /Biomedical Engineering / Instrumentation & Control Engineering/ Electrical & Computer Engineering/Electronics & Computer Engineering/M.Sc Electronics /Physics with valid GATE score

b) **Data Science: B.Tech** Degree in Computer Science & Engineering and allied branches/Information Technology/ Electronics & Communication Engineering/ Applied Electronics & Instrumentation Engineering/ Electrical & Electronics Engineering,/ Electrical & Computer Engineering/Electronics & Computer Engineering /MCA/M.Sc Mathematics/Statistics with valid GATE score.

c) **Cyber Forensic and Information Security:** Degree in Computer Science & Engineering &/Allied branches/Information Technology/ Electronics & CommunicationEngineering/ Applied Electronics & Instrumentation Engineering/ Electrical & Electronics Engineering **/** Electrical & Computer Engineering/Electronics & Computer Engineering/MCA/ M.Sc Computer Science, M.Sc Mathematics/Statistics with valid GATE score.

d) **Energy Management**: Any UG programme of Engineering & Technology

(***) *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 (*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

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.mtech.ihrd.ac.in*). 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.

*<u>Note</u>: **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 3 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	**22 /07 /2024**
Last date of Online Application	**31 / 07 /2024**
Last date of receiving completed Application Forms	**03 / 08 /2024**
Publication of Rank List (*will be published in the respective colleges*)	**05 /08 /2024**
Date of admission of selected candidates	**13 /08 /2024**
Commencement of Classes	**As per direction from University and Govt.**

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   **Sd/-**
Date: 10.0 7 . 2 0 2 4   **DIRECTOR**