INDIAN INSTITUTE OF INFORMATION TECHNOLOGY
AND MANAGEMENT – KERALA
(An Autonomous Institute Established by the Govt. of Kerala)
IIITM-K Building, Technopark Campus
Kariyavattom P.O. Thiruvananthapuram – 695 581, Kerala
Tel: 91-471 - 252756, 2700777: Fax: 2527568
Home: www.iiitmk.ac.in

IIITMK/128/2025

25.03.2025

NOTIFICATION

Indian Institute of Information Technology and Management – Kerala [IIITM-K] is an Institute established by the Government of Kerala. The focus of the institute is to promote entrepreneurship and research in electronics and IT. For more information about the institute please visit the website, www.iiitmk.ac.in.

IIITM-K, on behalf of CoE in IIoT Sensors Project invites applications from prospective candidates with the following qualification and experience for the below mentioned post for a period of 1 year contract

Name of Post - Technical Project Associate No of Vacancies - 1 nos	Description
	We are seeking a highly skilled and motivated Technical Project Associate with expertise in PCB design and IoT applications. This role requires a solid foundation in multi-layer PCB design, particularly for both analog and digital systems. **Roles & Responsibilities** • PCB Design & Layout: Design, develop, and test multi-layer PCB layouts for analog and digital systems, ensuring optimal performance, durability, and manufacturability. • IoT Development: Work on integrating IoT components into PCB designs, including sensors, communication modules (e.g., Wi-Fi, Bluetooth), and microcontrollers. • Prototyping & Testing: Develop prototypes, conduct testing, and implement design adjustments to meet functional and performance requirements.

- Collaboration & Documentation: Work closely with cross-functional teams (hardware, firmware, and manufacturing) to ensure product requirements are met.Document design specifications, test results, and manufacturing instructions.

- Manufacturing Liaison: Collaborate with manufacturing teams to oversee PCB fabrication and assembly, ensuring adherence to design specifications and addressing any issues that arise during production.

- Technical Support: Provide technical support during product development cycles and ensure design changes are properly implemented and documented.

Required Qualifications

- Bachelor's (B.Tech) or MSc, Master's (M.Tech), or Doctorate (Ph.D.) in Electrical Engineering, Electronics Engineering, or a related field.

- Proven experience in PCB design, including hands-on experience with multi-layer board design and familiarity with industry-standard software (e.g., Altium Designer, Eagle, OrCAD).

- Expertise in both analog and digital systems design, with practical experience in mixed-signal PCB layouts.

- In-depth knowledge of PCB manufacturing processes, including an understanding of design for manufacturability (DFM) and design for testability (DFT).

Preferred Skills and Competencies:

- Strong understanding of IoT protocols, connectivity, and integration with hardware systems.

- Familiarity with industry standards and certifications related to PCB design and IoT products.

- Excellent problem-solving skills, attention to detail, and the ability to work both independently and collaboratively in a team environment.

- Effective communication skills to convey complex technical

	concepts and collaborate across departments.
	Age Limit : Maximum 40 years as of the notification date (relaxation for reserved categories) **Location-** Trivandrum
Essential qualification	The ideal candidate will possess hands-on experience in PCB design and manufacturing and have a strong technical background, with a minimum qualification of a B.Tech or MSc or above in Electrical Engineering, Electronics Engineering, or a related field.
Mandatory experience	NIL. The ideal candidate will possess hands-on experience in PCB design and manufacturing. Practical experience working on PCB based projects are a mandatory requirement. The interview process will include building a PCB.
Remuneration	Rs 42000 (consolidated)
Other benefits	Take part in consultancy projects. Product development activities and take up research grants.

How to Apply:

Applications shall be submitted through https://forms.gle/9HCx4dmdzcqV1jsr5 **before 4:00 PM on-line latest by 10th April, 2025.** The application can be had from www.iiitmk.ac.in/careers. Applications received thereafter shall not be entertained. The candidates must bring all original certificates/testimonials at the time of interview. The date and time of the interview will be intimated on mobile/email. The candidates are, therefore, advised to check their email regularly after the last date of receipt of application.

OTHER TERMS & CONDITIONS

1. The full-time contract appointment will be initially for a period of one year. However, the term may be extended further based on the performance and project requirements.

2. The candidate must ensure that he/she possesses the required qualifications and experience for the post.

3. If the documents submitted by any candidate are found incorrect/false at the time of the interview, his/her candidature will stand canceled. If any shortcomings are detected after appointment, his/her services are liable to be terminated.

4. IIITM-K has the right to reject the candidature of any candidate at any stage and the decision of IIITM-K will be final.

5. IIITM-K has the right to reject the entire selection/advertisement procedure at any stage and the decision of IIITM-K shall be final in this regard. Canvasing in any form will lead to disqualification.

6. No TA/DA shall be provided to the shortlisted candidates.

Director

* This is a computer system (Digital File) generated letter. Hence there is no need for a physical signature.