

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), 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.



	<ul style="list-style-type: none"> • 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. <p>Age Limit : Maximum 40 years as of the notification date (relaxation for reserved categories)</p> <p>Location- Trivandrum/Kochi</p>
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, M.Tech, or Ph.D. 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. The interview process will include building a PCB.
Remuneration	Rs 40000 (consolidated)
Other benefits	Take part in consultancy projects. Product development activities and take up research grants.

How to Apply:

Applications shall be submitted **before 4:00 PM on-line latest by 11th December, 2024**. 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. Canvassing in any form will lead to disqualification.
6. No TA/DA shall be provided to the shortlisted candidates.

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

