



Advt No. IIITH/HR/TA-04

Start Date: 29<sup>th</sup> May 2026

End Date: 15<sup>th</sup> June 2026

## **IIIT Hyderabad Invites Applications for the Position of Technical Assistant – ECE Laboratory**

*The International Institute of Information Technology Hyderabad is a world-class Institution ranked No. 6 in India offering BTech, MS by Research, Dual Degree (BTech + MS), MTech, and PhD programs. The Institute has large research centers working on wide-ranging topics.*

*IIITH, set up by prominent Indian academicians is neither funded by any Government nor by any specific industry/family, it is a truly public institute.*

**IIIT Hyderabad invites applications for the position of Technical Assistant, requiring the following qualifications and competencies.**

### **Overall Responsibility:**

The Technical Assistant will provide operational, technical, and administrative support in the Electronics and Communication Engineering (ECE) laboratories. This role involves preparing lab setups, assisting faculty and students in experiments, ensuring proper maintenance of equipment, and maintaining inventory. The position demands hands-on skills with electronics and communication systems, a methodical approach to troubleshooting, and the ability to follow safety and operational protocols.

### **Key Responsibilities:**

#### **Lab Operations & Experiment Support**

- Set up and prepare laboratory equipment and materials before practical sessions.
- Assist students and faculty during lab experiments, projects, and practical examinations.
- Demonstrate basic equipment usage and experimental procedures when required.
- Ensure that all equipment is functioning correctly before each session.

#### **Equipment Maintenance & Troubleshooting**

- Perform routine checks, calibration, and preventive maintenance of lab instruments.
- Troubleshoot and repair minor faults in equipment or coordinate with vendors for repairs.
- Keep detailed maintenance logs and service records.

#### **Inventory & Resource Management**

- Maintain up-to-date inventory of lab instruments, components, consumables, and tools.
- Raise requests for replenishment of materials and consumables in a timely manner.
- Manage safe storage, labeling, and disposal of electronic components and materials.

### **Safety & Compliance**

- Always ensure adherence to laboratory safety protocols.
- Maintain proper storage and handling of hazardous materials, if any.
- Conduct basic safety briefings for students at the start of lab courses.

### **Administrative & Documentation Support**

- Maintain records of lab usage, attendance, and experiment logs.
- Assist in preparation of lab manuals, experiment documentation, and practical exam question papers (as instructed).
- Support faculty in preparing technical materials for teaching and research.

### **Support for Research & Projects**

- Assist research scholars and project teams with prototyping, assembly, and testing of electronics systems.
- Help set up specialized equipment for research experiments.

### **Required Qualifications & Skills:**

**Education** - Diploma or Bachelor's degree in Electronics & Communication Engineering, Electrical Engineering, or related field.

#### **Experience:**

- 1-2 years of experience as a lab assistant, technician, or similar role in an academic or industrial setting.
- Fresh graduates with strong practical skills may also be considered.

#### **Skills & Competencies:**

- Working knowledge of electronics lab instruments (oscilloscopes, function generators, power supplies, multimeters, spectrum analyzers, etc.).
- Ability to read and interpret circuit diagrams and technical manuals.
- Ability to work with embedded hardware and IoT systems based on Arduino, ESP32 etc. and be able to write simple codes for them.
- Basic soldering, wiring, and assembly skills.
- Familiarity with embedded systems, microcontrollers, and basic programming is an advantage.
- Strong organizational and record-keeping skills.
- Good communication skills for interacting with faculty and students.

#### **Work Environment**

- Primarily lab-based role; requires physical activity such as moving equipment and setting up experiments.
- May involve extended hours during project deadlines, lab exams, or research activities.
- May be involved in other institutional activities on a few days at the discretion of the Management.

**Key Attributes for Success**

- Precision and attention to detail in equipment handling.
- Patience and willingness to assist students of varying technical skill levels.
- Proactive approach to maintenance and problem-solving.

**Reports To:** Lab In-Charge

**Type of Role:** Full-Time with an initial contract of 3 years to be renewed based on performance and the Institute's needs.

**Pay:** The compensation will be in the range of Rs. 4 - 5 lakhs/ annum, based on experience.

**Location:** IIIT Hyderabad, Gachibowli, Hyderabad

**Interested Candidates may apply specifying the position applied for  
with a detailed CV at**

**[recruitment@iiit.ac.in](mailto:recruitment@iiit.ac.in)**