

No. Advt/IITT/CSRC/2024-25/23

Date: 17-10-2024

Applications are invited from eligible Indian nationals for the post of **Project Officer** under the Indian Institute of Technology Tirupati.

Essential Qualification	Bachelor's degree in Electrical / Electronics & Communication / Electronics & Instrumentation/ Instrumentation & Control engineering or a related field with at least two years' experience in the related area or ME/M.Tech in Electrical/Electronic engineering or a related field. Preferable to have proficiency in one or more of the following: Programmable logic controllers (PLCs), Internet of Things (IoT), Microgrid systems, SCADA systems, Electrical Substation Automation, Advanced Driver Assistance Systems (ADAS), Sensors and Instrumentation. *Strong analytical and problem-solving skills with a keen attention to detail. *Excellent communication skills, both written and verbal, with the ability to collaborate effectively within interdisciplinary teams.
Project Title	CoE (SM & EVT)
Sponsoring Agency	CSRC, IIT Tirupati
No. of positions	01
Consolidated monthly Salary	Minimum Rs. 27,500/- per month, pay will be fixed based on experience.
Principal Investigator (IITT)	Head (CoE)
Department	Centre of Excellence (SM & EVT)
Duration	One Year (May be extended)
Brief Project Description and Nature of Work	Please refer to Annexure I
Age Limit	Age limit- Not more than 35 years as of notification date (Relaxed for exceptional candidates)
Last date of application	07-11-2024 (5.00 PM)
Application Link	https://forms.gle/JKbJQT4mM2pZURnL8



भारतीय प्रौद्योगिकी संस्थान तिरुपति

INDIAN INSTITUTE OF TECHNOLOGY TIRUPATI
CENTRE FOR

SPONSORED RESEARCH AND CONSULTANCY

Yerpedu – Venkatagiri Road, Yerpedu Post, Tirupati District, A.P – 517619

Eligible candidates may send their **detailed CVs specifying their qualifications and experience with scanned copies of mark sheets** and certificates from X class to date. All files should be clubbed as a single PDF File.

The shortlisted candidates will be informed by **E-mail only**. Selection will be based on the qualifications, experience and in-person interview at IIT Tirupati. **No TA/DA** for attending the interview. The shortlisted candidates will be notified of the interview date by email.

Dean-CSRC

Annexure – I

Job Title: Project Officer (Electrical)

No of Positions: 01 Position

Job Summary:

Indian Institute of Technology, Tirupati, is a premier autonomous Institution established by the Ministry of Education, Government of India, to promote high-quality science education and research in the country.

Applications are invited from Indian nationals for the following positions purely on a contract basis for the Centre of Excellence on Smart Manufacturing and Electric Vehicle Technologies established at IIT Tirupati. The role involves overseeing and managing various projects within the lab environment, contributing expertise in engineering principles and methodologies to facilitate research and development, testing, and skill development.

Responsibilities:

- 1. Lab Management:** Efficiently manage and oversee day-to-day operations within the CoE Labs. Ensure adherence to safety protocols, equipment maintenance, and resource optimisation.
- 2. Project Coordination:** Lead and coordinate multiple projects concurrently. Collaborate with cross-functional teams, researchers, and faculty to define project goals, milestones, and timelines.
- 3. Technical Expertise:** Utilize expertise in CAD/CAM, Robotics, Mechatronics, Automation, FEA, CFD, Structural Tools, Data Acquisition, and Testing to provide technical guidance and support to ongoing projects, research activities, and skill development sessions.
- 4. Research and Development:** Contribute to developing new methodologies, technologies, or processes within CoE. Stay updated with industry trends and advancements.
- 5. Documentation:** Prepare the calendar of skill development sessions and the brochure for outreach activities. Maintain accurate records, documentation, and reports on experiments, tests, skill development activities, and project progress.
- 6. Training and Support:** Provide guidance, mentorship, and technical training to junior staff, students, and researchers within the lab environment.
- 7. Equipment and Tool Management:** Ensure proper functioning, calibration, and utilisation of lab equipment and software tools. Evaluate and recommend new technologies or upgrades when necessary.
- 8.** Strong analytical and problem-solving skills with a keen attention to detail.
- 9.** Excellent communication skills, both written and verbal, with the ability to collaborate effectively within interdisciplinary teams.