

No.: Advt/ IIT/CSRC/2021-22/14

Date: 12 Jan 2022

Project Ref. No. CIE/2122/003/MORT/KRIS

Applications are invited from eligible Indian nationals for the posts of Junior Technician (JT) and Senior Technician (ST) in a time-bound Government of India Ministry of Road Transport & Highways (MoRTH), New Delhi sponsored project undertaken in the Departments of Civil & Environmental Engineering and Mechanical Engineering.

Temporary Position	Junior Technician – 2: Diploma in Civil Engineering or Mechanical Engineering with minimum 65% marks or equivalent CGPA from a recognized University / Institute.
Essential Qualification	Senior Technician – 2: B.E./B.Tech. in Civil Engineering or Mechanical Engineering with minimum 65% marks or equivalent CGPA from a recognized University / Institute.
Project Title	National facility for Accelerated Testing of Pavements and Vehicle Dynamics (NATPaVeD)
Sponsoring Agency	Ministry of Road Transport & Highways (MoRTH), New Delhi
Consolidated Monthly Salary	Junior Technician - Rs. 20,000 per month Senior Technician - Rs. 30,000 per month
Principal Investigators	Dr. B. Krishna Prapoorna; Dr. Sriram Sundar
Department/Centre	Civil & Environmental Engineering; Mechanical Engineering
Tenure of Assignment	1 year, extendable to another 1 year subject to satisfactory performance
Desired Skills	<p>Civil Engineering: Exposure to interdisciplinary fields of civil and mechanical engineering encompassing laboratory and field-testing experience in pavement materials, soil-subgrade testing and evaluation, operation and handling of equipment, engineering drawing, computer-aided design and drafting (AutoCAD), bookkeeping, accounting, construction planning and project management.</p> <p>Mechanical Engineering: Exposure to interdisciplinary fields of civil and mechanical engineering encompassing experience in designing of machines, material characterization, handling data acquisition instruments, sensors workshop related duties such as fabrication processes, cutting and welding, engineering drawing, computer-aided design and drafting (CAD), planning and project management.</p> <p>In addition to the above, the following skills are also preferred.</p> <ul style="list-style-type: none"> ● Excellent knowledge of Microsoft Office. ● Must be willing to work efficiently in a team environment, self-motivated, and work under a variety of challenging conditions. ● Must have good oral and written communication skills. ● Must demonstrate highest work ethics.
Nature of the Work	<p>Civil Engineering: The project includes monitoring of infrastructure construction, conducting field and laboratory experiments on a variety of engineering materials and paving mixtures, equipment handling and testing, computer aided engineering drawing and design.</p> <p>Mechanical Engineering: The project includes design and analysis of mechanical components/systems in the facility, computer aided design and drawing for fabricating, cutting, and welding of metals and other materials in workshops, field and laboratory experiments with a variety of machines and vehicles.</p>
Age Limit	28 years (Relaxed for exceptional candidates)
Last date application	21 January 2022

Notes	Given the nature of the project, work needs to be carried out in the laboratory and field. Therefore, it is expected that the candidate resides either on-campus IIT or nearby to use the laboratory facilities to complete the tasks.
--------------	--

Eligible candidates must send a **detailed CV** specifying the qualifications and experience on or before **21 January 2022** to Dr. B. Krishna Prapoorna, Associate Professor & Head, Department of Civil & Environmental Engineering, IIT Tirupati at bkp@iittp.ac.in

The shortlisted candidates will be informed by **email only**. Selection will be based on the qualification, experience and interview. **The interview and other logistics will be conducted via online only**. The interview date will be notified to the shortlisted candidates by email. Candidates may appear in the interview through video conferencing. IIT Tirupati reserves the right to reject any or all the applications without assigning any reason thereof.

Dean, CSRC