



Ref.No.: 2022/TIH-IITR/2021  
Project Code: TIH/RP/12

Date: 31/01/2023

## ADVERTISEMENT TO FILL UP PROJECT POSITION

Applications are invited from Indian Nationals only for the project position as per the details given below for the Technology Development Project by the Principal Investigator Prof. Amit Agarwal under Divyasampark iHUB Roorkee for Devices Materials and Technology Foundation (A Section 8 - Not for profit Company) at Indian Institute of Technology Roorkee.

- Title of Project:** Deployment of T-CPS for Intelligent Mobility and Efficient Traffic Control in Smart Cities: A Promising Future
  - Sponsoring Agency:** Divyasampark iHUB Roorkee for Devices Materials and Technology Foundation
  - Project positions:** Project Associate
  - No. of Vacancy:** One
  - Location:** IIT Roorkee
  - Qualifications:** BTech/ BE in ECE/ EE/ CS (or equivalent) + 2 years of experience **OR** MTech/ ME in ECE/ CS (or equivalent)
  - Relevant Experience:** Candidates having experience of working with IoT applications/networks, crowdsourced data, computer vision and/ or traffic signal controller will be preferred.
  - Job Description (In Brief):** The project aims to develop an integrated traffic signal controller for adaptive signal system, transit signal priority, pre-emption of intersections for emergency vehicles, etc. The candidate is required to embed various algorithms to the traffic signal controller and test in the field. This work is an application of IoT.
  - Duration of the project:** 10 months (review every 6 months)
- Salary as per non-government organization market norms.
  - Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
  - Candidate should apply by submitting their resume along with self-attested copies of degrees, experience certificates on [hr.tih@iitr.ac.in](mailto:hr.tih@iitr.ac.in)
  - Last Date to apply: **12 February 2023.**

*The subject of the e-mail should be "Application for the position of Project Associate (TIH/RP/12)."*





## iHUB DivyaSampark

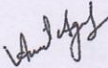
Divyasampark iHUB Roorkee for Devices Materials and Technology Foundation  
A section-8 Company established by Government of India (DST) and IIT Roorkee  
under National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS).  
CIN No.-U73200UR2020NPL011644

**\*\*Please Mention your last CTC in the application.**

**\*\*Please note that application received after the last date will not be considered.**

- After shortlisting, candidates will be called for the **ONLINE Interview**.
- Candidates, appearing for **Interview**, should produce the following documents:
  - Cover letter with detailed CV including chronological discipline of degrees/certificates obtained.
  - Experience including research, industrial field and others.

The date and time of interview will be shared with the shortlisted candidates only.

  
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