Ref.No - 2022/TIH-IITR/361   **Date: 28/07/2022**

Project Code- TIH/CS/03

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. Saurabh Vijay,** under **Divyasampark iHUB Roorkee for Devices Materials and Technology Foundation** (A Section 8 – Non- profit Company) at Indian Institute of Technology Roorkee.

1. **Title of Project:** Web based platform for asset monitoring and management using satellite remote sensing

2. **Sponsoring Agency:** Divyasampark iHUB Roorkee for Devices Materials and Technology Foundation

3. **Project positions:** Remote Sensing Intern

4. **No. of Vacancy: 01**

5. **Location:** IIT Roorkee

6. **Qualifications:**
   - Bachelors/Masters in any engineering or science disciplines.
   - Coursework in processing optical and SAR remote sensing data
   - Reasonable verbal communication of technical concepts and written documentation of progress and results.
   - Proficiency of at least one of Python or R is a must-have and working knowledge of the other.

7. **Relevant Experience:**
   - Advanced GIS/RS coursework, ML/AI experience
   - Experience in handling version control tools like GitHub.
   - Adhere to data science and coding best practices.
   - Experience in Geospatial Information Systems with working knowledge of geographic concepts such as map projections, spatial geometries, spatial autocorrelation and geo-statistics.

8. **Job Description (In Brief):**
   As a Remote Sensing Intern you will be assisting the Remote Sensing Engineer in finding, downloading, converting, digitizing, and analyzing of various remote sensing datasets for use in mapping, machine learning (ML) and artificial intelligence (AI) efforts related to various applications (e.g. asset monitoring, geohazards modeling and change detection). We believe that we are hiring the next leader and everything we do is about setting you up to be personally and professionally successful.

9. **Duration of the project:** 9 months

   - Salary as per non-government organization market norms.

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

- 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**
- *****The subject of the e-mail should be "Application for the position of "Remote Sensing Intern (TIH/CS/03)".***

- Last Date to apply: **8 August, 2022**

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

- After shortlisting, candidates will be called for the **Interview.**
- Candidates, appearing for **Interview**, should bring the following documents:

  ➢ Cover letter with detailed CV including chronological discipline of degrees/certificates obtained.
  ➢ Experience including research, industrial field and others.
  ➢ Please note that no **TA/DA is not admissible** for attending the interview.

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

Prof. Saurabh Vijay
Name & Signature of PI

Manish Anand
Chief Executive Officer
iHUB DivyaSampark