



Ref.No.: 2022/TIH-IITR/326  
Project Code: TIH/RP/08

Date: 15/07/2022

## 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. Thanga Raj Chelliah**, under **Divyasampark iHUB Roorkee for Devices Materials and Technology Foundation** (A Section 8 - Not for profit Company) at Indian Institute of Technology Roorkee.

1. **Title of Project:** Development of hack-free hydro plant control systems.
2. **Sponsoring Agency:** Divyasampark iHUB Roorkee for Devices Materials and Technology Foundation
3. **Project positions:** Junior Research Fellow/Senior Research Fellow
4. **No. of Vacancy:** 02
5. **Location:** IIT Roorkee, Roorkee, Uttarakhand-247667
6. **Qualifications:**
  - a. B.E/B.Tech in Electrical engineering/Computer Science OR M.E/ M.Tech in relevant area.
  - b. Graduate Aptitude Test in Engineering (GATE) Qualified (validity of score card need not be required).
- Note: Bachelors or Masters from IITs with a CGPA 8.0 and above on 10 scale point scale are exempted from the requirement of GATE/NET.
7. **Relevant Experience:** Working experience in related areas would be an added advantage.
8. **Job Description (In Brief):**
  - i. Need highly motivated candidate to work with academia and industry in the project for developing secured control systems for hydro generators, by identifying the hacked signals and reconfiguring the control systems.
  - ii. Need to write reports and help generate publications/patents.
  - iii. Ready to help in developing Proof of Concept for further development of product.
  - iv. Need to achieve the milestones in time and be a quick learner.

9. **Duration of the Fellowship:** 1 year, that can be extendable till the duration of the project based on the work performance.

Emoluments: Rs. 31000/- plus HRA

***\*\*Highly motivated and deserving candidate will attract highly competitive salaries.***



## 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

**\*\*Selected Candidate may get an opportunity to pursue Ph.D. (once project is over the candidate will be given Institute Assistantship as per the institute policy).**

- 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 **5<sup>th</sup> August 2022.**

**\*\*The subject of the e-mail should be "Application for the position of "Junior Research Fellow/Senior Research Fellow (TIH/RP/08)"**

**\*\*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 **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.

Name & Signature of PI  
Prof. Thanga Raj Chelliah

Manish Anand

Chief Executive Officer  
iHUB DivyaSampark

