



Ref.No.: 2021/TIH-IITR/279
Project Code: TIH/RP/08

Date: 12/10/21

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:** Research Scientist/Post-doctoral Fellow
 4. **No. of Vacancy:** 01
 5. **Location:** IIT Roorkee, Roorkee, Uttarakhand-247667
 6. **Qualifications:**
Ph.D. in Power Electronics/Power Systems/Control Systems/Motor Drives or equivalent with at least two research papers published in IEEE Transactions/IEEE Journals as the first author. Hardware knowledge in the closed-loop control of electric drives and/or cyber physical systems is desirable.
 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 hack-free hydro plant control systems, 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:** 3 years
- Salary as per non-government organization market norms.
****Highly motivated and deserving candidate will attract highly competitive salaries.**
 - Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.



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

- Candidate should apply by submitting their resume along with self-attested copies of degrees, experience certificates on hr.tih@iitr.ac.in.
- Last Date to apply **05 November 2021**.

*****The subject of the e-mail should be "Application for the position of "Research Scientist/Post-doctoral Fellow".***

*****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.

l. Thanga Raj

Name & Signature of PI
Prof. Thanga Raj Chelliah

Manish Anand
Manish Anand
Chief Executive Officer
iHUB DivyaSampark

