



Ref. No.:2023/TIH-IITR/153

Date: 25.05.2023

Join iHUB DivyaSampark in Driving Innovation and Translation Research in Cyber-Physical Systems

iHUB DivyaSampark, a section 8 company at Indian Institute of Technology, Roorkee, is set up under the National Mission on Interdisciplinary Cyber-Physical Systems (NMICPS), initiated by the Department of Science and Technology (DST). iHUB DivyaSampark aims to be a key contributor to 'Digital India' by becoming the source for the next generation of digital technologies, products, and services. The hub would enable an innovative ecosystem in Cyber Physical Systems (CPS) by promoting translational research, enhancing core competencies, capacity building, and training to provide commercially viable solutions. iHUB DivyaSampark would be working towards strategic and socially relevant sectors of **Industry 4.0, Healthcare 4.0, and Smart Cities**. The technologies developed in these domains would be tailored and offered for licensing and commercialization through industry or start-up mode.

iHUB DivyaSampark, in support of the National Mission on Interdisciplinary Cyber-Physical Systems, seeks to establish Chair Professorships and Faculty Fellowships. We invite passionate individuals from academia, industry, and government to contribute towards achieving affordable and accessible healthcare for every Indian, enhancing global competitiveness of Indian MSMEs, and fostering sustainable people-centered smart cities.

Chair Professorship and Faculty Fellow Positions

From Academia:

- A Chair Professor or Faculty Fellow must have made significant contributions in the domain of Cyber-Physical Systems (CPS), such as AI-ML, smart grid, AR/VR, AUVs, Drones, smart devices, industrial control systems, robotics, IoT, Sensors, embedded systems, etc.
- Contributions can be demonstrated through leadership roles in CPS innovation and translation research, support for CPS work in academia and industry, and active promotion of CPS advancements in the country.
- Candidates may be currently employed or have superannuated, working in academia, industry, government, or as independent experts.

From Industry:

- Candidates from industry backgrounds should possess strong government connections and a proven track record of managing successful relationships with governmental bodies and other agencies/industries etc.
- Implemented a product/technology into an industrial setting successfully.

Preference will be given to individuals with experience in any of few following areas: Information Technology System Integration, E-Governance, Smart City, Digital Healthcare, Industry 4.0 & Electronics Manufacturing Services.

Relocation to IIT Roorkee is not mandatory.

Neeraj Anand



Main Office: Indian Institute of Technology Roorkee, Uttarakhand- 247667

Branch Office: IIT Roorkee GNEC, Plot No. 20, Park II, Greater Noida-201306



tih@iitr.ac.in

<https://tih.iitr.ac.in/>



Office: 01332-285050

IVR No.: 9811979317



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

Fellowships Available:

- No. of Chair professorships: 03
- No. of Faculty Fellowships: 03

Responsibilities:

A Chair Professor or Faculty Fellow is expected to play an active and visible leadership role in at least one of the following areas:

- Mentoring in Translation Research
- Actively engaging in Training and skill development activities in the CPS domain.
- Mentoring start-ups
- Help iHUB DivyaSampark in getting CSR Funds/Consultancy Projects in the domains of Digital Health, Industry 4.0, and smart cities
- Representing iHUB DivyaSampark in various committees and providing advisory support on translation research, outreach, and other activities.

Fellowship Amount:

The fellowship amount will vary depending on experience, service conditions, and government norms that will be decided by the Selection Committee.

Eligibility Norms:

- ✓ A **Chair Professor** is expected to have a PhD in a relevant field with an experience of 12 years in an academic domain Or B.Tech in a relevant field with an experience of 15 years in industries/PSUs.
- ✓ A **Faculty Fellow** is expected to have a Ph.D. in a relevant field with an experience of 8 years in the academic domain Or a B.Tech in a relevant field with an experience of 10 years in industries/PSUs.

Selection Process:

A peer review committee comprising experts from academia, industry, and government PSUs will select the Chair Professor and Faculty Fellows based on nominations received.

Nomination Process:

The following details/documents are required for the final submission:

1. Recent CV of the Nominee
2. Recommendation letter from the Nominator (Stating contributions of Nominee in Cyber-Physical System related Innovations).
3. Brief outline of the Nominee's work and how they fit into the role
4. Details of Nominator (Name, Designation & Affiliation)

Neeraj Anand



Main Office: Indian Institute of Technology Roorkee, Uttarakhand- 247667

Branch Office: IIT Roorkee GNEC, Plot No. 20, Park II, Greater Noida-201306



Office: 01332-285050

IVR No.: 9811979317



tih@iitr.ac.in

<https://tih.iitr.ac.in/>



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

Self-nominations are not allowed.

To nominate a candidate, please click here: <https://forms.gle/a7fm1GvCLnNCZXL6>
or
send the nomination to ceo.tih@iitr.ac.in

Who can Nominate?

Reputed individuals in the field of cyber-physical systems in translation research, industry, etc., with expertise or qualifications equal to or greater than the nominated candidate.

Deadline:

The deadline for nomination submission is **June 15, 2023**. However, early nominations are recommended.

For any queries, please contact:

1. Prof. Sudeb Dasgupta (Project Director, iHUB DivyaSampark): 01332-285666
2. Mr. Manish Anand (CEO, iHUB DivyaSampark): +91-9967680827

For other inquiries, please contact Associate (Technical) at 9811979817 and press 1.

the innovation hub

Manish Anand
Authorized Signatory



Main Office: Indian Institute of Technology Roorkee, Uttarakhand- 247667

Branch Office: IIT Roorkee GNEC, Plot No. 20, Park II, Greater Noida-201306



Office: 01332-285050

IVR No.: 9811979317



tih@iitr.ac.in

<https://tih.iitr.ac.in/>