



Opening for Various roles at IIT Ropar Technology Innovation Foundation Date: 21 April 2023

IIT Ropar – Technology and Innovation Foundation (TIF) is a Section – 8 company founded to support the initiatives of established Technology Innovation Hub – AWaDH (Agriculture and Water Technology Development Hub) at the Indian Institute of Technology Ropar in the framework of National Mission on Interdisciplinary Cyber-Physical Systems (NM – ICPS) by the Department of Science and Technology, Government of India. The TIF supports the R&D in the domain of Agriculture and Water and provides incubation support to technology-based start-ups towards sustainable agriculture and the environment.

IIT Ropar – TIF is looking for enthusiastic and resourceful individuals to be a part of our journey towards a sustainable future.

Position and Number	Duration	Remuneration (in INR, PM)
<u>AWaDH Young Fellows</u>	03 - 06 Month	08k - 12k
<u>Entrepreneur in Residence (EIR) (10-15)</u>	12 months	30k
<u>AWaDH CHANAKYA Faculty Fellows (03 to 05)</u>	12 - 36 Month	1.5 Lakh
<u>AWaDH CHANAKYA Chair Professors (03 to 05)</u>	12 - 36 Month	1.5 Lakh

General Instructions:

1. The TIF – AWaDH reserves the right to restrict the number of candidates for the further recruitment process to a reasonable limit, based on age, qualification, experience, etc.
2. The Hub also reserves the right to reject any or all the applications without assigning any reasons.
3. The number of positions may be changed at the time of recruitment without assigning any reason.
4. Eligibility of a candidate to the post will not automatically mean that he/she will be shortlisted and called for a further recruitment process. No request in this regard will be entertained for review etc.
5. Shortlisted candidates will be informed of the further recruitment process through registered e-mails only. The selected candidate will be expected to join within one month from the date of the Offer of Appointment.
6. A person working in Govt. Organizations / Autonomous Bodies / PSUs etc., will be required to produce the No Objection Certificate (NOC) before the interview or should send his/ her application through the proper channel.
7. Separation condition: 1 calendar months' notice in the first year and two calendar months' notice in subsequent years, in writing for separation on either side or salary in lieu of the notice period
8. For Faculty Fellow and Chair Fellow: Research Proposal etc, shall be needed post first level of review of applicants.

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Rupnagar - 140001, Punjab

Email ID: contact.awadh@iitrpr.ac.in | people@ihub-awadh.in | Website: <https://ihub-awadh.in>



General Responsibilities in IIT Ropar TIF (AWaDH)

1. Work closely with the CEO to design, develop and run Incubation / Acceleration program.
2. Develop and execute strategy for outreach, scouting, evaluating, selection and on-boarding of quality and innovative startups.
3. Own, develop, and execute a rolling calendar of operational and engagement strategies for the entire community, both internally and externally, including - donors, startups, investors, incubators, institutes, corporate, mentors, advisors, and domain experts.
4. Good understanding and access to the entrepreneurship ecosystem to provide high-quality mentor and advisory support to entrepreneurs.
5. Manage the day-to-day interaction with the Incubatees and provide continued strategic guidance to entrepreneurs in areas such as business modelling, sales, marketing, financing, fundraising, overall strategy, operations etc.
6. Responsible for gathering relevant information for any grant reporting and preparing and submitting grant reports where required.
7. Provide information for management reporting and prepare reports as necessary.
8. Perform as a liaison between the clients, businesses and the incubator throughout the region

Skills that may add value to the profile:

1. Bachelor's degree in Science/Engineering plus experience based on the position you are applying for.
2. Relevant experience of working with entrepreneurs, startups, incubators or incubation consultancy.
3. Possess skills required to manage Incubator/Incubate relationships including structural and operational procedures.
4. Experience in being part of a growing company management team.
5. Experience and Knowledge in domains of Interdisciplinary Cyber-Physical Systems
6. Core understanding of the issues related to the agriculture and water domains.
7. Requisite network in the entrepreneurial and CPS ecosystem.
8. Evidence of strong organizational, interpersonal and communications skills.
9. Ability to work with diverse groups including businesses, entrepreneurs, major corporations, universities, the public and economic development organizations.
10. Other as per the profile and position description.
- 11. For Faculty Fello and Chair Professor proven R&D record in the R&D domains that fall under the scope of TIF AWaDH**

Last Date for the Current Application: **15 May 2023*** (*The call for applications will remain open throughout the year, and evaluation of applications will take place quarterly or based on committee decision.)

Application Link: https://bit.ly/AWaDH_Hiring

Job Description Link: https://bit.ly/AWaDH_Hiring_JD



Call for Office Interns

AWaDH Young Fellows

Open call for freshers (graduate and postgraduate) to join IIT Ropar Technology and Innovation Foundation for Agriculture and Water Technology Development Hub (AWaDH) as AWaDH Young Fellow

We are looking for young, enthusiastic, and proactive interns to work directly with the Chief Operating Officer and Chief Innovation Officer at IIT Ropar TIF AWaDH.

Scope of work

- Day-to-day activities of the TIF
- Coordination amongst the technical and administration teams
- Directly assisting CxOs at the TIF in organising events, workshops, training sessions, mentoring and policy dialogues with multiple stakeholders
- Outreaching and liasoning activities for the TIF

We offer: Internship of INR 8000-12000 pm month + AWaDH Young Fellow Certification + organisational and technical experience under NM-ICPS



Date: 21 April 2023

AWaDH Entrepreneur In Residence

Call for the onboarding of **AWaDH Entrepreneur In Residence** to inspire the best talents to be entrepreneurs.

Applications are invited from aspiring and budding entrepreneurs to join the Cyber-Physical Systems (CPS) - Entrepreneur in Residence (EIR) at IIT Ropar Technology and Innovation Foundation.

***Who can apply:** Entrepreneur/Early Stage Startups/Startups with ideas, Proof of Concept and Prototype

**Must fall under the scope of R&D domains and technology verticals of IIT Ropar TIF AWaDH*

Focus/Priority Areas:

- Water/industry discharge assessment, treatment, and management,
- Advancement of land resources and farm preparation,
- Agriculture automation and precision farming,
- Harvesting and post-harvesting, and the application of the Internet of Things (IoT) systems in the domain of Agriculture and Water.
- Food processing
- Organic fertiliser
- Agri-market place

What are we offering:

- Entrepreneur fellowship of INR 30K per month
- Office Space for 3-4 people
- Technical mentorship, IP and tech. Transfer support
- Access to TIF'S R&D infrastructure and facilities
- Startup grant upto INR 5 Lacs as a seed support grant



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AWaDH CHANAKYA Faculty Fellows

Call for the recruitment of **AWaDH CHANAKYA Faculty Fellows** under the framework of Comprehensive and Holistic Advancement of National Knowledge Yield and Analytics (CHANAKYA) Initiative April 2023

Applications are invited for AWaDH Faculty Fellows under the framework of the Comprehensive and Holistic Advancement of National Knowledge Yield and Analytics (CHANAKYA) Initiative at IIT Ropar – Technology and Innovation Foundation.

Job description: IIT Ropar CHANAKYA Faculty Fellow

Location: IIT Ropar - TIF

No of vacancy: 3-5

Full-time (on contract) position in IIT Ropar – Technology and Innovation Foundation (TIF), a Section 8 company, for a period of three years.

Remuneration: INR 1,50,000 per month (subject to tax); with a research grant of Rs 5 lakh per year to pursue the research work at IIT Ropar TIF.

Responsibilities

1. Development of Cyber-Physical Systems and IoT-based collaborative tools to address issues related to agriculture and water.
2. To develop technological solutions and deploy them in the domain of agriculture and water.
3. To supervise technical teams for the ongoing projects carried out in the IIT Ropar TIF.
4. To provide technical assistance and mentoring to the startups incubating in the AWADH Startup Incubator.
5. Contribute to the skill development and human resource training in cyber-physical systems in IIT Ropar.

Eligibility:

1. Hold a PhD degree in Electrical/Electronic/Computer Sciences with expertise in IoT/Cyber-Physical systems/AI/ML.
2. Experience in Cyber-Physical Systems and embedded IoT system design
3. 1-2 years of experience in research/industry preferably in domains of agriculture and water technology



AWaDH CHANAKYA Chair Professors

Call for the recruitment of **AWaDH CHANAKYA Chair Professors** under the framework of Comprehensive and Holistic Advancement of National Knowledge Yield and Analytics (CHANAKYA) Initiative April 2023

Applications are invited for AWaDH Chair Professors under the framework of the Comprehensive and Holistic Advancement of National Knowledge Yield and Analytics (CHANAKYA) Initiative at IIT Ropar – Technology and Innovation Foundation.

Job description: IIT Ropar AWaDH Chair Professor

Location: IIT Ropar - TIF

No of vacancies: 3-5

Full-time (on contract) position in IIT Ropar – Technology and Innovation Foundation (TIF), a Section 8 company, for a maximum period of three years (6 months to 3 years).

Remuneration: INR 1,50,000 per month (subject to tax); with a research grant of Rs 5 lakh per year to pursue the research work at IIT Ropar TIF.

Responsibilities

1. Take a technology lead in one of the R&D domains of the IIT Ropar TIF or the related fields which fall under the scope of AWaDH.
2. Develop a technical team, supervise and pursue R&D project(s) in the selected domain/field.
3. Undertake technology development, deployment and commercialisation in the selected R&D domain in consultation with the TIF team.
4. To provide technical assistance and mentoring to the startups incubating in the AWADH Startup Incubator.
5. Contribute to the skill development and human resource training in cyber-physical systems at IIT Ropar.

Eligibility:

1. Hold a PhD degree in Electrical/Electronic/Computer Sciences with expertise in IoT/Cyber-Physical systems/AI/ML with a minimum of 5 years of experience as a faculty in academic institutes nationally or internationally.
2. Should have established and proven academic record in the field that falls under the scope of AWaDH.
3. The preferred mode for joining will be utilizing the sabbatical from the current employment.
4. Proven R&D record in the R&D domains that fall under the scope of TIF AWaDH