



**IIT Ropar- Technology and  
Innovation Foundation  
(AWaDH)**

A Technology Innovation Hub established by the Department of Science & Technology (DST), Government of India, in the framework of National Mission on Interdisciplinary Cyber-Physical Systems (NM – ICPS)

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**Advertisement inviting applications for various positions at iHub – AWaDH / IIT Ropar**

TIF – AWaDH is a Technology Innovation Hub in the domain of Agriculture & Water established by the Department of Science & Technology (DST), Government of India, at the Indian Institute of Technology (IIT) Ropar in the framework of National Mission on Interdisciplinary Cyber-Physical Systems (NM - ICPS) to improve the overall ecosystem of agriculture in line with the developed countries.

**Job Title: Chief Technology Officer (CTO)**

Applications are invited for the CTO at iHub – AWaDH / IIT Ropar.

**Roles and Responsibilities:**

- Represent the technological agenda in staff meetings and when making hiring decisions.
- Identify, compare, select, and implement technology solutions to meet current and future needs.
- Create overall technology standards and practices and ensure adherence.
- Oversee all system design and changes in system architecture.
- Supervise system infrastructure to ensure functionality and efficiency.
- Take the initiative in thought leadership, innovation, and creativity.
- Work closely with Marketing, Business Development, and Operations to define and deliver new products and enhancements.

**Skill Sets, Knowledge, and Experience:**

- **Educational qualifications:** M.Tech/PhD in Electronics, Computer Science, Electrical Engineering, AI & Data Science, or related fields. Specialization or demonstrable research/work in IoT, AI/ML, Edge Computing, Wireless Sensor Networks, or Embedded Systems applied to real-world problems.
- **Experience:** Minimum overall work experience of 8 years, including 04 years in translational work of research into the product in Industry, startups, associations, and similar organisations. Preference will be given to the candidates who have professional work experience in research, innovation, technology development, strategy, marketing and business development, international development in academia, industry, startups, or government in India or an International location in the domain of AgriTech and CPS technology.
- Preference will be given to the candidates who have previous working experience as a CTO (Chief Technology Officer) or Product Manager from a reputable industry.
- **Number of vacancies:** One
- In-depth knowledge of electronic systems architecture, design, and development
- Hands-on experience with project management
- Outstanding communication, interpersonal, and leadership skills
- Ability to conduct technological analyses and research
- Proactive problem solving.

**Compensation, Tenure, and other details:**

- In the range of **INR 15-20 Lakh** per annum, depending on experience. An initial period of appointment will be two years, extendable based on performance.
- **Age:** less than 45 years
- **Separation condition:** 1 calendar month's notice in the first year and three calendar months' notice in subsequent years, in writing for separation on either side or salary instead of the notice period.
- The committee reserves the right to relax eligibility criteria for candidates demonstrating exceptional merit and suitability

## **Job Title: Senior Manager/Manager (Business Development)**

Lead business development and outreach activities to commercialise IIT Ropar TIF technologies, services, and connect startups to the market

### **Roles and Responsibilities:**

- Develop and execute comprehensive business development strategies for technology commercialisation
- Identify and cultivate strategic partnerships with industry leaders and corporations
- Lead negotiations for licensing agreements, joint ventures, and technology transfer deals
- Manage and mentor business development executives and support staff
- Organise high-impact Demo Days, investor meets, and industry showcases
- Prepare detailed business cases, licensing briefs, and investment decks
- Oversee CRM systems and maintain strategic relationship databases
- Coordinate complex MoUs, EOIs, and multi-party agreements
- Facilitate startup participation in national and international expos
- Lead project proposal preparation for government and private funding
- Monitor market trends and competitive landscape for strategic opportunities
- Develop revenue forecasts and track commercialisation metrics

### **Skill Sets, Knowledge, and Experience:**

- B.Tech / M.Tech in Engineering, Science, or MBA or PGDM in Management-related fields
- 5+ years in business development, tech marketing
- Excellent communication and networking
- CRM and lead-tracking experience
- Familiarity with tech licensing, startups, or B2B ecosystem
- Financial modeling and business valuation skills
- Proven experience in the startup ecosystem and venture capital landscape
- Experience of working on Incubator, Technology Innovation Hub, Startups, and Corporate in the above-mentioned role may get preference.

### **Compensation, Tenure, and other details:**

- In the range of **INR 08-10 Lakh** per annum, depending on experience. An initial period of appointment will be two years, extendable based on performance.
- **Age:** less than 45 years
- **Separation condition:** 1 calendar month's notice in the first year and three calendar months' notice in subsequent years, in writing for separation on either side or salary instead of the notice period.
- The committee reserves the right to relax eligibility criteria for candidates demonstrating exceptional merit and suitability

## Job Title: Senior Manager/Manager - Operations (Skilling Initiatives)

We are looking for a dynamic and motivated Senior Manager / Manager – Operations (Skilling) to lead, manage, and execute large-scale skilling, reskilling, and upskilling programs in deep-tech domains such as AI, IoT, CPS, Embedded Systems, and Digital Agriculture. The ideal candidate should have experience in managing government/CSR-funded programs, designing training content, stakeholder coordination, and operational excellence.

### Roles and Responsibilities

- Lead end-to-end execution of AWaDH's national and regional skilling programs.
- Coordinate with training partners, faculty, labs, and external institutions for smooth program rollout.
- Ensure adherence to project timelines, budgets, deliverables, and reporting requirements.
- Design and standardize training modules (online/offline/hybrid) for CPS, AI, IoT, smart agriculture, and water technologies.
- Collaborate with domain experts, industry, and startups to create need-based, hands-on content.
- Build and manage partnerships with State Skill Development Missions (SSDMs), ITIs, universities, FPOs, SHGs, and industry players.
- Liaise with government departments, CSR sponsors, NGOs, and startups for collaborative programs.
- Implement data-driven systems to monitor trainee performance, placement outcomes, and impact.
- Prepare project progress reports, case studies, impact dashboards, and documentation for funders.
- Contribute to the development of new skilling proposals for funding under CSR, government missions (NABSKILL, PMKVY, etc.), or international agencies.
- Plan and execute awareness campaigns, roadshows, demo days, and hackathons to attract participants and showcase outcomes.

### Skill Sets, Knowledge, and Experience:

- Graduate/Postgraduate in Engineering, Management, Education, or allied disciplines.
- Preference for candidates with specialization in agriculture technology, IoT/AI, rural development, or public policy.
- Experience
  - **Manager:** Minimum 3 years of experience
  - **Senior Manager:** Minimum 5 years of experience
- Experience in **large-scale skilling operations**, preferably in a government, CSR, or innovation ecosystem context.
- Strong project management and coordination skills.
- Familiarity with skill ecosystem stakeholders – SSDMs, NSDC, FICCI, CSR entities, etc.
- Experience working with educational institutes, training partners, startups and field organizations.
- Excellent communication (written & verbal), reporting, and team leadership abilities.
- Comfort with digital tools for project tracking and communication (e.g., MS Office, Google Suite, project management tools).

### Compensation, Tenure, and other details:

- In the range of **INR 08-10 Lakh** per annum, depending on experience. An initial period of appointment will be two years, extendable based on performance.
- **Age:** less than 45 years
- **Separation condition:** 1 calendar month's notice in the first year and three calendar months' notice in subsequent years, in writing for separation on either side or salary instead of the notice period.
- The committee reserves the right to relax eligibility criteria for candidates demonstrating exceptional merit and suitability

## **Job Title: Manager/Associate/Assistant - Operations (Strategic Alliances & Grants)**

AWaDH is seeking a high-performing and proactive individual to join its Operations team as Manager / Associate / Assistant (Strategic Alliances & Grants). The selected candidate will be responsible for identifying funding opportunities, drafting compelling grant and CSR proposals, developing corporate partnerships, and managing the lifecycle of fundraising projects. The role demands strategic thinking, strong communication skills, and a keen understanding of the deep-tech and rural innovation ecosystem.

### **Roles and Responsibilities:**

- Write and develop funding proposals for government schemes and grants
- Track upcoming RFPs, EOIs, and calls from relevant ministries (DST, MeitY, MoRD, MoA&FW, NABARD), industry bodies (FICCI, CII), and CSR units.
- Build and nurture relationships with corporates, PSUs, and industry CSR arms to explore partnerships for skilling, technology deployment, or innovation acceleration.
- Ensure compliance with donor requirements and IIT Ropar TIF norms for timely utilization certificates (UCs), financials, and impact reports.
- Prepare project proposals for industry collaborations and partnerships
- Create technical documentation, user manuals, and API guides
- Develop compelling narratives for technology commercialization proposals
- Prepare technical briefs, white papers, and pitch decks for stakeholders
- Collaborate with engineering teams to translate complex concepts into proposal content
- Support patent application documentation and technical reports
- Maintain proposal templates and documentation repositories

### **Skill Sets, Knowledge, and Experience:**

- B.Tech / M.Tech in Engineering, Science, or related technical fields. 4 years in technical writing, proposal writing, grant writing, or content creation in the technology/research sector
- Excellent written and verbal communication skills with persuasive writing ability
- Experience in grant writing and funding proposal preparation
- Understanding of government funding schemes and application processes
- Knowledge of research methodology and project proposal formats
- Understanding of the startup ecosystem and technology commercialization
- Familiarity with intellectual property documentation and patent writing is desirable

### **Compensation, Tenure, and other details:**

- In the range of **INR 07-09 Lakh** per annum, depending on experience. An initial period of appointment will be two years, extendable based on performance.
- **Age:** less than 45 years
- **Separation condition:** 1 calendar month's notice in the first year and three calendar months' notice in subsequent years, in writing for separation on either side or salary in lieu of the notice period.

### **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 of the applications without assigning any reasons.
3. Eligibility of a candidate for 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.
4. The selected candidate will be expected to join within two months of the date of the offer of appointment.
5. A person working in Govt. Organization / 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.
6. The committee reserves the right to relax eligibility criteria for candidates demonstrating exceptional merit and suitability

7. Experience of working on Incubator, Technology Innovation Hub, Startups, and Corporate in the above-mentioned role may get preference.

**To apply, click here:** [https://docs.google.com/forms/d/1aOL7ICVtqVNYQzFyneb69f9\\_5p0x7f3JtcxT9kb\\_gwA](https://docs.google.com/forms/d/1aOL7ICVtqVNYQzFyneb69f9_5p0x7f3JtcxT9kb_gwA)

**Last Date for receiving applications:** 27th August, 2025

**Note:** Only shortlisted candidates will be called for the further recruitment process via the email address provided by the candidate. The decision of the management for the shortlisting and selection will be final.