



विज्ञान एवं प्रौद्योगिकी विभाग
DEPARTMENT OF
SCIENCE & TECHNOLOGY



AWaDH
IIT Ropar-TIF



Call for Agricultural Technology Young Professional at IIT Ropar Technology and Innovation Foundation - Agriculture and Water Technology Development Hub (AWaDH)

Job Advertisement: Small Farm Holding AgriTech Centre of Excellence (CoE)

Position: Agricultural Technology Young Professional (2 positions)

IIT Ropar – Technology and Innovation Foundation (TIF) is a Section – 8 company founded to support the initiatives of 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**.

IIT Ropar Technology and Innovation Foundation- Agriculture and Water Technology Development Hub (AWaDH) is seeking a qualified and experienced Agricultural Technology Consultant to join our Small Farm Holding AgriTech Center of Excellence (CoE). The successful candidate will play a pivotal role in understanding the challenges faced by small farm holders, developing innovative solutions, and bridging the gap between cutting-edge technologies and practical agricultural applications.

The candidate will work in close collaboration with the Strategic Alliance Division, Office of the Principal Scientific Adviser, Government of India for documentation, reporting and impact analysis.

Key Responsibilities:

1. **Understanding Small Farm-Holding Issues:** Familiarity with the challenges and issues faced by small farm holders. Conduct research to stay abreast of the latest developments in agriculture and technology.
2. **Survey Development:** Develop a comprehensive survey questionnaire by collaborating with relevant stakeholders. Gather inputs from various sources and finalize the survey instrument for data collection.
3. **Data Analytics and Inferences:** Utilize advanced data analytics techniques to derive meaningful insights from the survey data. Draw inferences to identify key trends, challenges, and opportunities in small farm holdings.
4. **Evaluation of Startup Innovations:** Evaluate existing startup innovations from IIT Ropar Agtech Hub, TCS DISQ Innovations, GATES Innovations, and Kisan Mitra Small Farm Holding Innovations. Assess the applicability and effectiveness of these innovations in addressing small farm holders' needs.

5. **Matching Innovations to Survey Inferences:** Match the evaluated innovations to the inferences drawn from the survey. Provide recommendations on the most suitable innovations for small farm holders based on survey findings.
6. **Pilot or Demonstration:** Collaborate with IIT Ropar to explore the possibility of conducting a pilot or demonstration of selected innovations for small farm holders in Punjab. Showcase the practical applicability and benefits of recommended innovations.

Qualifications:

- A relevant degree (Masters) in Agricultural Science, Agribusiness, or a related field (STEM).
- Proven experience in agricultural technology consulting, data analytics, and innovation evaluation (1-3 years of relevant experience).
- Strong knowledge of small farm-holding challenges and the agricultural landscape in India.
- Excellent communication and collaboration skills.
- Utilize advanced data analytics techniques to derive meaningful insights from the survey data. Draw inferences to identify key trends, challenges, and opportunities in small farm holdings.

Deadline for proposal submission: **December 4 , 2023**

Period of Engagement: **6 Months** followed by extension for another 6 months based on performance
Fellowship/stipend: **INR 20,000/month**

Share the form within your network: <http://bit.ly/AWaDHYoungFellow>

Website: <https://ihub-awadh.in>

Email ID: people@ihub-awadh.in / contact.awadh@iitrpr.ac.in