

DST TIH – AwaDH

Agriculture and Water Technology Development Hub

IIT Ropar – Technology and Innovation Foundation



### **ADVERTISEMENT for the position of Project Associate**

Applications are invited from Indian nationals for the position of temporary staff to work in DST sponsored Technology Innovation Hub at IIT Ropar in the framework of National Mission on Interdisciplinary Cyber-Physical Systems (NM - ICPS).

**Post-1:** Project Associate: Multimedia analysis (audio, video, image analysis)

Positions: 1

**Post-2:** Project Associate: Computer vision, image processing, applied machine learning

Positions: 1

**Duration:** 3 years. After every 6 months, the progress of the candidate will be reviewed for the extension beyond one year. The position may be extended for a duration of two more years with new objectives.

**Emoluments:** As per DST norms. Hostel and mess facilities may be provided on the payment basis, if available.

**Essential Qualifications:** B.Tech/M.Tech in Computer Science and Engineering/Electronics and Communication/Electrical Engineering or related branches.

**Desirable qualification for Post 1:** Experience in working with multimedia analysis tasks such as video, audio, image, text processing. Experience in application development on the web/android/iOS platform is a plus.

**Desirable qualification for post 2:** Experience in computer vision and image processing methods. Experience in application development on the web/android/iOS platform is a plus.

Selected candidates will work in the application domain of agriculture. For post 1, the work will be designing, prototyping and validating multimedia systems for agriculture domain. For post 2, the candidate will design and develop AI/ML-based algorithms for agriculture data analysis. Fieldwork may be involved in both posts.

Last date for applications:

Link for the forms: <https://forms.gle/xJ8tHDvcs5GqNpni7>

The shortlisted candidates shall be called for online/personal interviews. For any related query, please contact:

Dr. Mukesh Kumar Saini

Assistant Professor - Department of Computer Science and Engineering

Indian Institute of Technology Ropar, RUPNAGAR-140001 (Punjab)

Domain coordinator - Information Systems and Agriculture Automation

DST TIH – AWaDH (Agriculture and Water Technology Development Hub)

IIT Ropar - Technology & Innovation Foundation

email: [mukesh@iitrpr.ac.in](mailto:mukesh@iitrpr.ac.in)