



IIT Ropar – Technology and Innovation Foundation for Agriculture and Water Technology Development Hub (AWaDH)

CIN: U80100PB2020NPL051623

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)

316/317, M. Visvesvaraya Block
Indian Institute of Technology Ropar
E-mail: awadh@iitrpr.ac.in

Advertisement for the position of Technical Assistant

March 2022

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

Last Date for Application: April 04, 2022

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

Position description: Technical Assistant

Location: IIT Ropar, Punjab

Number of positions: 01 (one)

Type of job: Full time (on contract)

Duration: 3 years position. Initially for 1 year. Contract can be extended beyond three years based on satisfactory performance. Regular assessment (Half yearly/Yearly) would be done.

Necessary qualifications:

1. Bachelor's degree in Engineering or Agriculture/Horticulture/Food or allied branches
2. Minimum of 60% marks or 6.5 CGPA (55% marks or 6.0 CGPA for SC/ST)
3. Age limit: 50 years

Preferred qualifications:

1. Good knowledge of Agriculture/fisheries/agriculture machinery/
2. Practical experience in farming/agriculture/indoor farming/farm machinery design
3. Design knowledge of automation, sensors, Cyber Physical Systems design, electronics, programming with cloud data etc.

Remuneration: Rs 20,000/- + HRA (as per DST norms). Suitable accommodation on institute campus may be provided based on availability.

How to apply: The applicant must send the following documents, as a single PDF file, ASAP via email to prabirropar@gmail.com

1. Subject line: Application for Technical Assistant
2. A cover letter informing why you think you are suitable for this position
3. Filled application form given in the following sheet
4. Copies of all the certificates and transcripts

The shortlisted candidates shall be called for online/personal interview. For any related query, please contact prabir@iitropar@gmail.com

Terms and Instructions

1. Only shortlisted candidates will be contacted/informed through email.
2. AWaDH reserves the right to fill up the post, not to fill up the post, or cancel the advertisement in whole or part without assigning any reason. The committee reserves the right to place a limit on the total number of candidates to be called for written test/or interviews.
3. Documentary evidence in support of all educational and professional qualifications will be required to be produced when specified.
4. The committee can verify all the documents submitted by a candidate before the appointment, at the time of appointment, or during the tenure of the service. If it is found at a later date that any information given in the application is incorrect/false the candidature/appointment is liable to be cancelled/terminated.

Details of the research work to be carried out:

The selected researcher would work on research projects. Some of the possible projects are:

1. Selecting and cultivation of plants for indoor farming
2. Automation of farming
3. Smart agriculture with CPS and IoT

Dr. Prabir Sarkar

Associate Professor, Department of Mechanical Engineering

Co-Principal Investigator - DST TIH – AWaDH (Agriculture and Water Technology Development Hub)

Domain coordinator- Stubble and indoor farming.

IIT Ropar - Technology & Innovation Foundation

Room 328, Indian Institute of Technology, Ropar

Main Campus, Satish Dhawan Block, Birla Farms,

Rupnagar-140001, Punjab, India

Web: <http://www.iitrpr.ac.in/smmee/prabir>

Email: prabir@iitrpr.ac.in; Phone: +91 1881 23 2368 (office)



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Application Form

**Attach
Recent
Photograph**

Personal Details

1. Full Name (In capital):
2. Date of Birth (DD/MM/YY):
3. Category (e.g. General/SC/ST/OBC):
4. Age (in years):
5. Gender (Male/Female):
6. Marital Status (Single/Married):
7. Nationality:
8. Address for Communication:
9. Permanent Address:
10. Mobile number:
11. Email:
12. Post applied for:

Education

Please mention the followings for each degree completed:

1. Degree:
2. Discipline:
3. University/Institute:
4. Regular/ Part-time:
5. Year:
6. %Marks /CGPA*:
7. Division:

*[Please also submit a softcopy of the semester-wise mark-sheets as well as softcopy of degree]

Qualifying Examination (e.g. GATE) (if applicable)

1. Qualifying Examination & name of subject*:
2. Discipline:
3. Year:
4. Valid Up to:
5. Percentile & Score:
6. All India Rank:

*[Softcopy of these are to be attached]

Professional Experiences (Teaching/Research/Industrial) if any

Please mention for each experience

- Name of Organization:
- Designation:
- Nature of Work:
- From: _____ To: _____

Research Publications: List of publications * (if applicable)

[* List of publications (Journals, conferences, books, book chapters, technical reports etc.). For journal publications please mention if it is SCI listed and its impact factor is applicable. Also attach softcopy of three journals papers separately, if applicable.]

Any other Relevant Information:

Place:.....

Date:

Signature of Applicant

Email:

Mobile: