



**Call for a recruitment of a Project Associate in the network project of CSIR-CSIO, Chandigarh and TIH-AWadh, IIT Ropar**



**October 2022**

**Advertisement No.: PA/P10001/Oct 2022/001**

Applications are invited for the position of Project Associate I, Project Associate II and Junior Research Fellow to work in a network Project of CSIR-CSIO, Chandigarh and TIH-AWadh of IIT Ropar in the framework of National Mission on Interdisciplinary Cyber-Physical Systems (NM - ICPS).

**The project details are as follows:**

The project involves development of machine learning algorithms and applications using the device developed for animal health management. It involves the use and development of the state of the art of algorithms for time series analysis and experiment design/protocols to be used for data visualization and prediction of animal health and management. The project has the potential to change the IoT based animal health management landscape in India and the world.

**Last Date for Application: 21 Nov, 2022**

Central Scientific Instruments Organisation (CSIO), a constituent unit of Council of Scientific & Industrial Research (CSIR), is a premier national laboratory dedicated to research, design and development of scientific and industrial instruments. It is a multi-disciplinary and multi-dimensional apex industrial research & development organization in the country to stimulate growth of the Instrument Industry in India covering a wide range and applications.

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.

The project will be executed in collaboration with CSIR-CSIO and TIF-AWadh (IIT-Ropar).

**Apply for:**

**1. Project Associate – I**

Location: CSIR-CSIO, Chandigarh

Number of positions: 02

Type of job: Full time (on contract)

**Duration:** Initially for one year. Contract can be extended based on satisfactory performance.

**Qualifications:** The applicant must meet the following criteria.

Bachelor's degree (B.Tech/BE) in Computer Science Engineering or Information Technology with minimum of 75 percent marks/ 7.5 CGPA with valid GATE score except for graduates from IITs with a minimum CGPA of 8.0. **Without GATE score will be consider on reduced fellowship as per DST norms.**

The candidate with master's and relevant experience in industry/academia/research will be given the preference.

**Desirable skills:**

- Proficient in programming using Python, JAVA, MATLAB
- Experience in web development both backend and frontend
- Bonus if experienced in app development

**Note:** The candidates will be encouraged to apply for a PhD program at CSIR-CSIO and IIT Ropar.

**Remuneration:** Rs 31,000/- + HRA.

**Link to apply:**

<https://docs.google.com/forms/d/1M5CGW4K2faiMcclUopxvsk5b3ijtx2bM9Dseplqz774/>

## **2. Project Associate- II**

Location: CSIR-CSIO, Chandigarh

Number of positions: 02

Type of job: Full time (on contract)

**Duration:** Initially for one year. Contract can be extended based on satisfactory performance.

**Qualifications:** The applicant must meet the following criteria.

Master's degree (M.Tech/ME) in Computer Science Engineering or Information Technology with minimum of 65 percent marks/ 6.5 CGPA with valid GATE score. **Without GATE score will be considered on reduced fellowship as per DST norms.**

- Minimum 2 years experience in Research and development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services.

**Desirable skills:**

- Proficient in programming using Python
- Experience in web development both backend and frontend
- Bonus if experienced in app development

**Note:** The candidates will be encouraged to apply for a PhD program at CSIR-CSIO and IIT Ropar.

**Remuneration:** Rs 35,000/- + HRA.

**Link to apply:**

<https://docs.google.com/forms/d/1J22lr2UWM0ime8B1mqZhoU4CCnYEsaaVdN3yp3aBpAo/>

## **3. Junior Research Fellow (JRF)**

Location: CSIR-CSIO, Chandigarh  
Number of positions: 02  
Type of job: Full time (on contract)

**Duration:** Initially for one year. Contract can be extended based on satisfactory performance.

**Qualifications:** The applicant must meet the following criteria.

- Master's degree (M.Tech/ME) in Computer Science Engineering or Information Technology/ Electrical/ Electronics and Communication.

**Desirable skills:**

- Proficient in programming using Python, JAVA, MATLAB, C++
- Deep interest in research on applications of machine learning and development on edge devices.

**Remuneration:** Rs 31,000/- + HRA.

**Link to apply:**

[https://docs.google.com/forms/d/1AOfWEqFCjjLfDaDzsAmY\\_MTP8vDNUWvLwgDXtDVxJmg/](https://docs.google.com/forms/d/1AOfWEqFCjjLfDaDzsAmY_MTP8vDNUWvLwgDXtDVxJmg/)

NOTE: Only shortlisted candidates shall be called for online/personal interview through email. For any related query, please contact [riteshkr@csio.res.in](mailto:riteshkr@csio.res.in)

### ***Terms and Instructions***

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1. CSIR-CSIO 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 company also reserves the right to place a limit on the total number of candidates to be called for written test/or interviews. The decision of the company in this regard will be final.
  2. Documentary evidence in support of all educational and professional qualifications will be required to be produced when specified.
  3. The company can verify all the documents submitted by a candidate before the appointment, at the time of appointment, or during the tenure of the service. In case it is detected that the documents submitted by the candidates are fake or the candidate has clandestine antecedents/background and has suppressed the said information, then his/her services shall be terminated.
  4. 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 canceled/terminated.
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Dr. Ritesh Kumar, PhD  
Principal Scientist,  
Centre of excellence for Intelligent Sensors and Systems (ISenS)  
Machine Learning, Data Science  
CSIR-CSIO Chandigarh