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

January 2024
Advertisement No.: PA/P10001/January 2024/004

Application is invited for the position of Project Associate-I/JRF and Project Associate-II to work in a network Project of CSIR-CSIO, Chandigarh, and TIH-AWaDH, IIT Ropar in the framework of the National Mission on Interdisciplinary Cyber-Physical Systems (NM - ICPS).

The project details are as follows:

The project involves the 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: 15 Feb, 2024

Central Scientific Instruments Organisation (CSIO), a constituent unit of the Council of Scientific & Industrial Research (CSIR), is a premier national laboratory dedicated to the 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 the 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 the recently established Technology Innovation Hub – AWaDH (Agriculture and Water Technology Development Hub) at the Indian Institute of Technology Ropar in the framework of the 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 toward sustainable agriculture and the environment.

The project will be done in collaboration with CSIR-CSIO and TIH-AWaDH(IIT-Ropar).

Job description
<u>Name- Project Associate – I/JRF, II</u>
Location: CSIR-CSIO, Chandigarh/ IIT Ropar
Number of positions: 02
Type of job: Full-time (on contract)

Duration: Initially for one year. The contract can be extended based on satisfactory performance.

Essential Qualifications (PA-I/JRF): The applicant must meet the following criteria.
Bachelor's degree (B.Tech/BE) in Computer Science Engineering/Information Technology/Electrical/ Electronics and Communication/Instrumentation or any other relevant engineering.
The candidate with a master's and relevant experience in industry/academia/research will be given the preference.

Essential Qualifications (PA-II): The applicant must meet the following criteria.

Bachelor's degree (B.Tech/BE) in Computer Science Engineering/Information Technology/Electrical/Electronics and Communication/Instrumentation or any other relevant engineering.

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

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

Desirable skills:

- o Proficient in programming using Python/ JAVA/ MATLAB
- o Experience in web development both backend and frontend and cloud infrastructure
- o Bonus if experienced in app development and machine learning

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

Remuneration (PA-I/JRF):

(i) Rs. 31,000/- + HRA to scholars who are selected through

(a) National EligibilityTests- CSIR- UGC NET including lectureship (Assistant Professorship) or GATE

OR

(b) A selection process through a National level examination conducted by Central Government Departments and their Agencies and institutions

OR

(ii) Rs. 25000/- + HRA for others who do not fall under (i) above

Project Associate-II

(i) Rs. 35,000/- + HRA to scholars who are
selected through (a) National Eligibility tests-CSIR-UGC NET including lectureship (Assistant Professorship) or GATE
OR
(b) A selection process through a National level examination conducted by Central Government Departments and their agencies and institutions.
(ii) Rs 28000/- + HRA for others who do not fall under (i) above

Link to apply:

https://forms.gle/LgmKJgd11vGfrF92A

The shortlisted candidates shall be called for online/personal interviews. For any project-related query, please contact riteshkr@csio.res.in

Last Date for Application: 15 Feb, 2024

Terms and Instructions

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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 company also reserves the right to place a limit on the total number of candidates to be called for written tests/or interviews. The decision of the company in this regard will be final.
3. Documentary evidence in support of all educational and professional qualifications will be required to be produced when specified.
4. The institute 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.
5. 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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AWaDH, IIT Ropar