भारतीय प्रौद्योगिकी संस्थान जम्मू
INDIAN INSTITUTE OF TECHNOLOGY JAMMU
विद्यायाम् सर्वत्र प्रधानम्

DEPARTMENT OF ELECTRICAL ENGINEERING
INDIAN INSTITUTE OF TECHNOLOGY JAMMU
JAGTI, PO NAGROTA, NH-44, JAMMU (J&K) 181221

Advt. No.: IITJMU/R&C/RP00121/A-23   **Dated: 28/10/2022**

Advertisement for the Position of SRF

Applications are invited from the interested candidates for the post of Senior Research Fellow (SRF) to work on the R&D project titled **"An Intelligent Statistical-Induced Deep Learning System to Derive the Demographic and Community Based Disease Spread Modelling and Prediction from Heterogeneous COVID Data"** sanctioned by Indian Council of Medical Research (ICMR), Govt. of India under Innovate India, Smart Cities and Make in India.

S. No.	Position	Area of Specialization and Qualification	Duration	Consolidated Salary	Number Positions
1	Senior Research Fellow (SRF)	B.Tech./B.E. degree in ECE/ETC/E&C/E&TC/EE/EEE With expertise/experience in Computer Programming and Artificial Intelligence With Valid GATE Score. **(or)** M.Tech / M.E./ M.S. with specialization in Computer Science and Engg./Communication and signal processing, Embedded System, RF and Microwave Engineering, Signal Processing, Communication and VLSI and B.Tech/ B.E. ECE/CSE/EE/EIE with minimum 55% marks throughout starting from Class XII.	Initially for the period of one year which may be extended	Rs. 35,000/- PM+ 18% HRA	01 (One)

*Desirable:

1. Experience in Python programming with good idea on Keras/PyTorch/TensorFlow.
2. Understanding of technical research publications. Experience in Computer Programming.
3. Must have knowledge in deep learning, and Artificial intelligence/ Machine Learning.

*Objective of the Project and Job Responsibility:

This is an development based project wherein, the candidate is responsible for designing a web-based Intelligent system where novel statistical-induced deep learning techniques will be developed to derive the demographic and community based disease spread modelling and prediction from heterogeneous COVID data. The candidate has to develop several such novel models to compare the accuracy of them. This will be an opportunity for the candidate to work on the real life data of Indian scenarios.

Application Process:

Duly filled application form along with the requested details, scanned copies of certificates, other supporting documents, should be uploaded through the online portal (https://apply.iitjammu.ac.in/#/home) latest by 8th Nov. 2022. Please apply through the [contract/project staff/JRF/SRF] tab on the referred application portal. Candidates who are already employed should produce a relieving certificate from their employers if selected. The interview will be conducted for all shortlisted candidates.

Attention:

1. The applicant will be responsible for the authenticity of the information, other documents, and photographs submitted.

2. Merely possessing the prescribed qualification does not ensure that the candidate would be called for an Interview. The candidates may be shortlisted based on merit and need for the project.

3. Shortlisted candidates will be informed by e-mail about the interview. So, the candidate must provide valid e-mail IDs, phone number information in their applications.

4. Shortlisted candidates must present themselves for the interview on the interview date with an updated CV and original and attested photocopies of mark sheets/certificates in support of their academic qualifications. Only shortlisted candidates will be called for the interview. The time of the interview will be informed to the shortlisted candidates by e-mail. The interview will beheld by using the online platform.

5. Candidates who are already employed should produce a relieving certificate from their employers if selected.

6. The last date for receiving the duly filled in application is 8th Nov. 2022, through an online portal.

7. The date of interview will be informed to the shortlisted candidates through email.

8. "The selected candidate will be encouraged to apply for the PhD program if he/she satisfies all the criteria for PhD admission. However, the candidate can only be selected through the regular admission process for the PhD program at IIT Jammu.

9. **Candidate must upload all the documents with respect to educational qualification, Experience etc.**

Address for Correspondence:

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