ADVERTISEMENT NO: No/NITRR/IT/2024/12417   **Dated: 16/01/2024**

Applications are invited for the post of a **Junior Research Fellow (01)** in the Department of Information Technology, National Institute of Technology, Raipur, Chhattisgarh, India, under a research project entitled **"Design and Development of an Interactive System for Early Diagnosis of Autism Spectrum Disorder (ASD) using Deep Learning and Federated Learning Models for Rural Community in Chhattisgarh State"** sanctioned by SERB (EEQ), India.

ELIGIBILITY

Educational Qualification: Graduate/Post Graduate Degree in CSE/IT/CS/ECE or a related field (with 65% and above) and related fields selected through a process described in any one of the following fields:

- Scholars who are selected through GATE and National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant professorship)
- The selection processes through National Level Examinations conducted by the central Govt. Departments and their agencies and Institutions such as ICMR/IIT/IISc/DST/DBT etc.

Desirable Qualification: The candidate should have a sound knowledge of Python/R or other programming.

Fellowship Amount: Rs. 31,000 per month + HRA (Initially appointment for 1 year)

Duration of the project: 3 years

Terms and conditions:

1. No TA/DA is permissible for appearing in the interview.

2. The initial appointment will be for 12 months. However, the candidate may be discontinued at any time by giving one month's prior notice if the performance is not found satisfactory.

3. The above position is purely temporary, and the continuation of the fellowship is subject to satisfactory performance and review after every 3 months and availability of funds under the project.

4. The appointment shall be a co-terminus with the project and will be governed as per the Terms and Conditions of funding agency SERB and Rules, Regulations and Norms of NIT Raipur.

Interested applicants may send with the duly filled application form, relevant mark sheets/documents, age proof, research experience certificate (if any) and CV to **jchandrashekar.it@nitrr.ac.in** on or before **25/01/2024**. In case of any queries, contact the PI on **8897741409. The eligible applicants will be interviewed on 27/01/2024 (hybrid mode). <u>Selected candidates may be encouraged to enroll for PhD at NIT Raipur as per rules and regulations of NIT Raipur.</u>**

Dr. Chandrashekar Jatoth
Principal Investigator
Assistant Professor
(Dept. of Information Technology)
NIT Raipur, Chattishgarh-492010

Application format for Junior Research Fellow (JRF)

(For the SERB (EEQ), DST project title *"Design and Development of an Interactive System for Early Diagnosis of Autism Spectrum Disorder (ASD) using Deep Learning and Federated Learning Models for Rural Community in Chhattisgarh State, File No.* **EEQ/2022/000980***)*

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1. Name:

2. Contact details:
 (Address, Mobile &WhatsApp No., E-mail ID)

Recent Passport size Photograph

3. Date of Birth   :

4. Nationality   :

5. Sex   :

6. All relevant qualifications (10th standard onward):

Degree and Specialization	Board/University/Institute	Year of Completion	% of marks/ Division

7. Complete information of qualifying examination for masters:
(NET/GATE/ Equivalent Exam, score, year of passing and validity, discipline, marks, all India Rank etc, if any)

8. Publications/conference participation (National/International):

9. Research experience apart from M. Tech /M. E/M.S Thesis, if any:

10. Any other relevant Information:

11. Time needed to join if selected:

<u>UNDERTAKING</u>

I understand that it is a contractual engagement on purely temporary basis for the Project. I declare that the above are correct to the best of my knowledge and belief. I understand that action can be taken against me if these are found to be incorrect. I agree to all the terms and conditions of the associated advertisement, SERB, India and NIT Raipur.

Signature of Applicant

Date :

Place :