Applications are invited for the post of a **Junior Research Fellow** in the Department of Biomedical Engineering, National Institute of Technology, Raipur, Chhattisgarh, India, under research project entitled **"Development of a multi-modal artificial intelligent system for detection of endophenotypes in schizophrenia using automated speech and EEG signal analysis: An explorative study from Chhattisgarh State"** sanctioned by Department of Science and Technology (DST), India under "C*ognitive Science Research Initiative"*.

ELIGIBILITY

Educational Qualification: Graduate/Post graduate Degree in Electronics, Electronics and Telecommunication, Biomedical Engineering, Bioengineering, Medical Electronics, Biomedical Instrumentation, Signal Processing 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 central Govt. Departments and their agencies and Institutions like IIT/IISc./DST/DBT etc.

Desirable Qualification: Knowledge of basic programming skills in Python/MATLAB®//C, C++. Understanding of machine learning techniques/algorithms.

Fellowship Amount: Rs.31,000 / 31,000 / 35,000 per month for I/II/III year respectively + 16% HRA

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 any time by giving a one-month prior notice if the performance is not found satisfactory.
3. The above position is purely temporary, and continuation of the fellowship is subject to satisfactory performance and review after every 3 months and availability of fund under project.
4. The appointment shall be co-terminus with the project and will be governed as per the Terms and Conditions of funding agency DST, New Delhi and Rules, Regulations and Norms of NIT Raipur.

Interested applicants should appear for the interview on 09-03-2020 at 11:00 AM in the Department of Biomedical Engineering, National Institute of Technology, Raipur with completed application form, CV, originals and photocopies of degrees, mark sheets, publications and other supporting documents. Further, interested applicants may mail the duly filled application form and CV to undersigned with e-mail subject marked as **"Application for Project Fellow (BME)"**. In case of any queries, contact the PI at **9826469522 (bsingh.bme@nitrr.ac.in). Selected candidate may be encouraged to enroll for PhD at NIT Raipur as per rules and regulations of NIT Raipur.**

Dr. Bikesh Kumar Singh

Principal Investigator

Assistant Professor

(Dept. of Biomedical Engineering)

NIT Raipur, Chattishgarh-492010

DEPARTMENT OF BIOMEDICAL ENGINEERING

NATIONAL INSTITUTE OF TECHNOLOGY, RAIPUR

Phone: 0771-2254200, Fax: 0771 – 2254600

DST (CSRI) project entitled **"Development of a multi-modal artificial intelligent system for detection of endophenotypes in schizophrenia using automated speech and EEG signal analysis: An explorative study from Chhattisgarh State"**

Application for Junior Research Fellow

1. Name of Applicant:

2. Address   :

          Phone: Email ID:

Paste your recent colour photograph here

3. Date of Birth   :
4. Nationality   :
5. Category   :
6. Sex   :
7. Complete Academic Record (Starting from X standard) (attach certificates)

S. No.	Degree	Specialization	University/Institute	Year of Completion	% Marks and Division

8. Areas of Interest:

9. Publications/conference participation (National/International) (Attach proofs):

10. Research experience:

11. Whether GATE/CSIR-UGC NET qualified (Attach proof):

11. Any Other Relevant Information:

UNDERLINE

UNDERTAKING

 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, DST, India and NIT Raipur.

Date   :
Place   :   Signature of Applicant

Note: Attach a Xerox copy of the relevant documents with the application