



**DEPARTMENT OF BIOMEDICAL ENGINEERING  
NATIONAL INSTITUTE OF TECHNOLOGY, RAIPUR**

**Phone: 0771-2254200, Fax : 0771 – 2254600**

Applications are invited for the post of a **Junior Research Fellow** in a DST-SERB Early Career Research award project entitled “**Development of a risk stratification system for clinical management of sickle cell disease using predictive machine learning approaches**” to be executed in the Department of Biomedical Engineering, National Institute of Technology, Raipur.

**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 MATLAB®/Python. Understanding of machine learning techniques/algorithms.

**Fellowship Amount:** 31000 per month (Consolidated, No HRA)

**Terms and conditions:**

1. No TA/DA is permissible for appearing in the interview.
2. The above position is purely temporary. Initial appointment will be given for 1 month followed by extension based on satisfactory performance, availability of funds and tenure of project.
3. The appointment shall be co-terminus with the project and will be governed as per the Terms and Conditions of funding agency SERB DST, New Delhi and Rules, Regulations and Norms of NIT Raipur.

Interested applicants should fill the application form and send it along with CV, softcopies of degrees, mark sheets, publications, GATE/NET qualification and other supporting documents through email subject marked as “**Application for Project Fellow (BME)**” to [bsingh.bme@nitrr.ac.in](mailto:bsingh.bme@nitrr.ac.in) latest by **04/07/2021**. In case of any queries, contact the PI at **9826469522**. **Interview of shortlisted candidates will be conducted in online mode on 06/07/2021. The details of interview will be sent to shortlisted candidates on 05/07/2021.**

**Dr. Bikesh Kumar Singh**

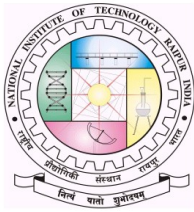
Principal Investigator

Assistant Professor

Biomedical Engineering Department

NIT Raipur

Chattishgarh-492010



**DEPARTMENT OF BIOMEDICAL ENGINEERING  
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**DST-SERB for Early Career Research award project entitled “Development of a risk stratification system for clinical management of sickle cell disease using predictive machine learning approaches.”**

**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. Any Other Relevant Information:**

**UNDERTAKING**

I understand that it is a contractual engagement on purely temporary basis for the Project. I declare that the above particulars 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.

Date :

Place :

Signature of Applicant

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