



**NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR**  
**Chhattisgarh, 492010, INDIA**

Dated: 18/04/2018

**Advertisement for the Post of JRF in DST-SERB sponsored project**

Applications are invited for the following assignment in a purely time-bound project undertaken in the **Department of Biomedical Engineering** of the National Institute of Technology, Raipur.

1.	Name of the Post	Junior Research Fellow (JRF)
2.	Number of Posts	One (01)
3.	Name of the Research Project	Three-dimensional Monte-Carlo Simulations for Photoacoustic Tomography using Graphics Processing Units
4.	Name of the Sponsoring Agency	DST-SERB, Govt. of India
5.	Duration of the Position	Initially for 10 months and will be extended based on performance
6.	Consolidated Monthly Compensation	INR 25,000/- per month
7.	Essential Qualifications	M.Tech or equivalent degree (Biomedical Engineering, Bioengineering, Biophysics, Biophotonics, Computer Science and Engg., Medical Software, Electronics and Communication Engineering, Electrical Engineering, all other relevant engineering disciplines with experience in project related areas) (OR) M.Sc. (Biophotonics, Mathematics, Physics, all other relevant disciplines with experience in project related areas) with 60% marks or equivalent CGPA with valid GATE/ NET Score
8.	Desirable Skills	Machine Learning, Optimization, Kalman Filters, Deep Learning, Monte Carlo Methods
9.	For technical information of the project, the candidate may contact the Principal Investigator at the following address/phone: Name : Dr. Saurabh Gupta Address : Assistant Professor, Department of Biomedical Engineering, National Institute of Technology Raipur, CG-492010, India <b>e-mail : <a href="mailto:sgupta.bme@nitrr.ac.in">sgupta.bme@nitrr.ac.in</a></b> <b>Phone: +91-7389727963</b>	

**How to Apply:**

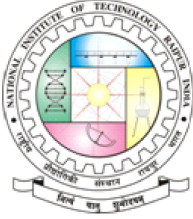
- Candidates are requested to mail their CV and duly filled application for JRF (attached format) to [sgupta.bme@nitrr.ac.in](mailto:sgupta.bme@nitrr.ac.in) before 21<sup>st</sup> May 2018, with the subject marked as “Application for JRF, DST-SERB ”.

**OR**

Fill the [Google Form](#)

**Important Instructions:**

- Eligible candidates should appear for walk-in interview at Department of Biomedical Engineering, NIT Raipur on 21<sup>st</sup> May 2018, 11:00 AM .
- Candidates should appear in person with originals of degree certificates along with other relevant information (like copies of publications, awards, recommendations etc.).
- No travelling or any other allowances is admissible for attending the interview.
- Tenure of the JRF will be initially for 10 months and will be extended based on performance.



**NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR**  
**Chhattisgarh, 492010, INDIA**

Phone: +91-771-2254200; Fax: +91-771-2254600

---

**Application for Junior Research Fellow**

1. Name

\_\_\_\_\_

(Surname)

\_\_\_\_\_

(First Name)

2. Address

Phone:

Email ID:

3. Date of Birth :

4. Nationality :

5. Gender :

6. Complete Academic Record (Starting from X standard)

Degree and Specialization	University/Institute	Year of Completion	Division

7. Areas of Interest

8. Publications/Conference Publications (National/International)

9. Research experience apart from M.Tech research relevant to Project

9. Any Other Relevant Information

Signature of Applicant

Date :

Place :

**Note:** Attach a scanned copy of the relevant documents with the application