



भारतीय प्रौद्योगिकी संस्थान भिलाई

जिला-दुर्ग, छत्तीसगढ़-491001

Indian Institute of Technology, Bhilai

Dist.- Durg, Chhattisgarh - 491001

Website: [www.iitbhilai.ac.in](http://www.iitbhilai.ac.in)

**Advertisement for the Post of Junior Research Fellow (JRF) position in a SERB-Funded Research Project**

Applications are invited from Indian nationals for the Junior Research Fellow (JRF) position in a SERB-funded research project with the following details:

**Title of the project:**

Microrobots as mobile fluorescent probes for on-demand and local pH measurements

**Number of Positions:** 01 (one)

**Principal Investigator:**

Dr. Dhruv Pratap Singh

Assistant Professor

Department of Physics

Indian Institute of Technology (IIT) Bhilai

Durg, Bhilai, Chhattisgarh - 491001

Email: [dhruv@iitbhilai.ac.in](mailto:dhruv@iitbhilai.ac.in)

Web: <https://sites.google.com/view/amnlab/home>

**Essential qualifications:**

M.Sc. Physics from a recognized Institute/University or statutory body OR equivalent degree with a minimum of 60% aggregate score. For SC/ST category, the candidate must have secured a minimum of 55% aggregate score. Additionally, the candidate must have qualified CSIR/UGC JRF-NET/GATE score.

**Desirable:**

Preference will be given to candidates having working experience relevant to the project.

**Age limit:**

Not more than 30 years. Relaxation as per GoI rules.

**Fellowship:** for the first two years: Rs. 31,000/- per month + HRA

In the third year: Rs. 35,000/- per month + HRA

The fellowship will be governed as per the SERB rule and the availability of the fund.

**Duration:**



Three years or till the completion of the project, whichever is earlier. The initial appointment of the JRF is for the first year; subsequent renewal may take place subject to the annual performance review and the availability of the fund.

**How to apply:**

Eligible and interested candidates are encouraged to send their application as per the prescribed format on the website along with copies of all supporting documents and a resume **as a single PDF file** through ONLY email to the PI ([dhruv@iitbhilai.ac.in](mailto:dhruv@iitbhilai.ac.in)) mentioning the subject as '**Application for JRF under SERB sponsored project**' within **April 21, 2024 (Sunday)**.

**Due date:** The application must reach the PI, Dr. Dhruv Pratap Singh, by **April 21, 2024 (Sunday)**.

**Interview:** The date of the online interview will be on **April 25, 2024 (Thursday)**.

**Note:** The candidate selected for this position can register for the Ph.D. program in the Physics department at IIT Bhilai. However, for admission to the Ph.D. program at IIT Bhilai, the candidate must meet specific eligibility requirements and qualify for the written examination and interview.

**Terms and Conditions:**

- i) No TA/DA will be provided to the candidate for the online interview.
- ii) Mere fulfilment of the qualifications and experience requirement does not entitle the candidate to be called for an online interview. Based on the number of applications received, shortlisting may be done, and only shortlisted candidates will be called for the online interview and will be intimated through email.
- iii) The decision of the selection committee will be final.
- iv) The Institute reserves the right to cancel the recruitment without assigning any reason.
- v) The appointment of the candidate will be governed by the terms and conditions of the Institute/SERB that are particularly applicable to the said project as and when required.
- vi) The selected candidate will have to join the JRF position immediately upon receipt of the offer letter. The initial offer will be for one year and may be extendable up to three years, depending upon the availability of the funds.
- vii) The fellowship may be terminated with a 30-day notice before completion of the tenure if performance to date is not deemed satisfactory.