



भारतीय प्रौद्योगिकी संस्थान भिलाई
जिला-दुर्ग, छत्तीसगढ़-491002

Indian Institute of Technology Bhilai
Dist.- Durg, Chhattisgarh - 491002

Advertisement for the post of Research Associate (RA) and Junior Research Fellow (JRF) in (Sponsoring Agency- TIH, IIT Bhilai) funded Research Project

Applications are invited from Indian nationals for the position of Research Associate and Junior Research Fellow in a TIH IIT Bhilai Project funded research project with the following details:

Title of the Project: Novel strategies to tackle water and soil contamination by health hazardous pollutants using Computational Tools a Small steps towards Sustainable Agricultural Practices.

Principal Investigator: Hemanta Kumar Kisan, Assistant Professor, Department of Chemistry, IIT Bhilai, Durg, Chhattisgarh- 491001 (hemant@iitbhilai.ac.in).

Co-Principal Investigator: Sabyasachi Ghosh, Assistant Professor, Department of Physics, IIT Bhilai, Durg, Chhattisgarh- 491001 (sabya@iitbhilai.ac.in).

Name of the position: Research Associate (RA), Junior Research Fellow (JRF)

Number of Positions: RA: 02, JRF: 01

Essential qualifications for RA*:

Ph.D. in Physics, chemistry, Agriculture and other relevant domains.

*Those who have submitted their Ph.D. thesis are also eligible to apply. However, such candidates, if selected, will be offered a lower fellowship amount (SRF scale) till they qualify the eligible degree.

Essential qualifications for JRF:

Applicants must have ONE of the following in Physics, chemistry, Agriculture and other relevant domains:

1. Master's degree in science with first class 60% marks (55% marks for SC/ST) or equivalent.
2. Master's degree in engineering/Technology with first class, 60% marks (55% marks for SC/ST) or equivalent.
3. Bachelor's degree in engineering/Technology with first class, 60% marks (55% marks for SC/ST) or equivalent.
4. Bachelor's degree in science (4 years) with first class, 60% marks (55% marks for SC/ST) or equivalent.

Applicants must also fulfill ONE of the following additional requirements.

1. Valid GATE Score.
2. Junior Research Fellowship (JRF) of CSIR/ UGC/ NBHM/ DBT/ ICAR/ ICMR/ ICPR/DAE or DST INSPIRE Fellowship.
3. Minimum of 2 years of relevant professional experience.
4. BTech from IIT with a CPI/CGPA of 8.0 or more.

Desirable: Experience in Computational Physics or Chemistry/Theoretical Physics or chemistry is



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desired.

Age limit: RA: 45 Years and JRF: 35 years. Relaxation as per GOI rules.

Salary: Rs. 58,000/- per month + 16% HRA for RA, Rs. 37,000/- per month + 16% HRA for JRF

Duration: The initial appointment will be given for six months and is extendable based on performance. This is also subject to the availability of the funds for the project (Total project duration of 2 years).

How to apply: Interested candidates must apply on the application form attached with this advertisement. Duly completed application form along with the candidate's resume must be mailed or emailed to the PI, Dr. Hemanta Kumar Kisan, at hemant@iitbhilai.ac.in and carbon copy to Co-PI, Dr. Sabyasachi Ghosh, at sabya@iitbhilai.ac.in so as to reach by **5th Dec 2024**. Applications without the 'application form' shall not be considered. Only shortlisted candidates will be called for an **online/offline***[*depending on the situation] interview depending on the situation. The positions are available immediately.

Due date: The application must reach the PI, Dr. Hemanta Kumar Kisan, at hemant@iitbhilai.ac.in and carbon copy to Co-PI, Dr. Sabyasachi Ghosh, at sabya@iitbhilai.ac.in, by **5th Dec 2024** (on or before 5:00pm).

Terms & Conditions:

- i. No TA/DA will be provided to the candidate for the interview.
- ii. The PI shall not be responsible for postal/courier delay if any, or any other reason for non-receipt of the document at the specified time and will result in disqualification/rejection of the application.
- iii. The decision of the selection committee will be final.
- iv. If the number of shortlisted candidates called for the interview is large, the selection committee may decide to restrict the number of candidates for the interview to a reasonable limit after considering qualifications and experience over and above the minimum prescribed in the advertisement.
- v. The appointment of the candidate will be governed by the terms and conditions of the Institute/ funding agency particularly applicable to the said project as and when required.
- vi. The selected candidate will have to join duty immediately on receipt of the offer.
- vii. The fellowship may be terminated with a 30-day notice before completion of the tenure if performance till date is not deemed satisfactory.