

## **Advertisement for the post of JRF (Sponsoring Agency- TTDF/DoT) funded Research Project**

Applications are invited from Indian nationals for the position of JRF in a TTDF/DoT-funded research project with the following details:

**Title of the Project:** 6Sense: Spectrum Sharing and Multi-link Operation in Next-Generation Wireless Networks

**Principal Investigator:**

Dr. Anand M. Baswade,  
Assistant Professor,  
Department of Computer Science and Engineering,  
Indian Institute of Technology Bhilai,  
Durg, Bhilai Chhattisgarh - 491002  
Email: [anand@iitbhilai.ac.in](mailto:anand@iitbhilai.ac.in)

**Name of the position:** JRF

**Number of Positions:** One

**Essential qualifications:** BE/BTech/ME/MTech in Computer Science/Electronics and Telecommunication Engineering or in a related discipline with first class, 60% marks (55% marks for SC/ST) or equivalent. **GATE/NET Qualification is required.**

**Desirable:**

- Proficiency in one or more of the following programming languages: C/C++, Java, Python, MATLAB, etc.
- Basic Ideas in Computer Networks/Communications.
- Preference will be given to candidates having knowledge of Wi-Fi and 5G technology.

**Age limit:** Not more than 35 years. Relaxation as per GOI rules.

**Salary:** for the first two years: Rs. 37000 + House Rent Allowance,  
In the third year: 42000 + House Rent Allowance

**Duration:** Three years or till the completion of the project, whichever is earlier. The initial appointment of the JRF is for 11 months; subsequent renewal may take place subject to the annual performance review and the availability of the funds.

**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 ([anand@iitbhilai.ac.in](mailto:anand@iitbhilai.ac.in)) mentioning the subject as 'Application for JRF under TTDF/DoT sponsored project' within April 17, 2025 (Thursday).

**Due date:** The application must reach the PI, Dr Anand M. Baswade ([anand@iitbhilai.ac.in](mailto:anand@iitbhilai.ac.in)), through email by 17/04/2025, 11:59 PM IST.

**Note:** The candidate selected for this position can register for the Ph.D. program in the Computer Science and Engineering department at IIT Bhilai. However, for admission to the Ph.D. program at IIT Bhilai, the candidate must meet Department (CSE) specific eligibility requirements and qualify for the admission exam.

**Terms & Conditions:**

- i. No TA/DA will be provided to the candidate for the 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 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, 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. 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/TTDF funding agency 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 till date is not deemed satisfactory.

**Application Form**  
**JRF position in a TTDF funded project at IIT Bhilai**

| Personal Details             |  |                           |  |
|------------------------------|--|---------------------------|--|
| Name                         |  |                           |  |
| Date of Birth<br>(DD/MM/YY)  |  | Gender<br>Male/Female     |  |
| Marital Status<br>(DD/MM/YY) |  | Category<br>Gen/SC/ST/OBC |  |
| Nationality                  |  |                           |  |
| Mailing address              |  | Permanent Address         |  |
|                              |  |                           |  |
| Mobile/phone number          |  |                           |  |
| Email                        |  |                           |  |

| Education Details (starting from matriculation) |        |            |                |                    |                 |                       |          |
|---|--------|------------|----------------|--------------------|-----------------|-----------------------|----------|
| S. No.  | Degree | Discipline | Univ./ College | Regular/ Part time | Year of Passing | % of Marks/ CGPA/ CPI | Division |
|   |        |            |                |                    |                 |                       |          |
|   |        |            |                |                    |                 |                       |          |
|   |        |            |                |                    |                 |                       |          |
|   |        |            |                |                    |                 |                       |          |
|   |        |            |                |                    |                 |                       |          |
|   |        |            |                |                    |                 |                       |          |

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|--|
| <b>Qualifying Examinations (CSIR/NET/GATE/ Others)</b> |
|--|

| Examination | Branch | Year | Valid Up to | Percentile | All India Rank |
|-------------|--------|------|-------------|------------|----------------|
|             |        |      |             |            |                |
|             |        |      |             |            |                |
|             |        |      |             |            |                |

| Professional Experience (Research/Industrial/Teaching/Others) |             |          |    |  |
|---|-------------|----------|----|--|
| Name of Organization  | Designation | Duration |    | Nature of work<br>(attach separate sheet if necessary) |
|   |             | From     | To |  |
|   |             |          |    |  |
|   |             |          |    |  |
|   |             |          |    |  |

**Research Publications:**

**Awards, Patents, Prizes:**

**Any Other Relevant Information:**

**DECLARATION**

I hereby declare that I have carefully read the instructions and particulars and that the entries made in this application form are correct to the best of my knowledge and belief. If selected for admission, I promise to abide by the rules and discipline of the institute.

I note that the decision of the institute is final in regard to selection for admission and assignment to a particular department and field of study. The institute will have the right to expel me from the institute at any time after my admission, provided it is satisfied that I was admitted on false particulars furnished by me or my antecedents prove that my continuance in the institute is not desirable. I agree that I shall abide by the decision of the institute, which will be final.

Place:

Date:

Signature of the  
applicant