



भारतीय प्रौद्योगिकी संस्थान भिलाई

जिला-दुर्ग, छत्तीसगढ़-491002

Indian Institute of Technology, Bhilai

Dist.- Durg, Chhattisgarh - 491002

Website: www.iitbhilai.ac.in

Annexure - II

**Advertisement for the post of JRF/Project Associate/Project Assistant in IBITF
funded Research Project**

Applications are invited from Indian nationals for the position of **JRF/Project Associate/Project Assistant** in research project funded by the IIT Bhilai Innovation and Technology Foundation (IBITF) with the following details:

**Title of the Project: The Smart Energy Metering and Billing System (SEMB):
Enhancing EV Charging Infrastructure for Efficiency and Accessibility**

Principal Investigator- Dr. Shailendra Kumar, Designation: Assistant Professor, Department of Electrical Engineering, IIT Bhilai, Durg, Chhattisgarh- 491002 (skumaree@iitbhilai.ac.in). For other details and the project team, please visit the homepage- <https://iitbhilai.ac.in/index.php?pid=skumaree>

Name of the position: JRF

Number of Positions: 01

Essential qualifications: Applicants must have ONE of the following in appropriate subject areas.

1. Btech or Master's degree in EE, EEE, ECE with first class, 60% marks (55% marks for SC/ST). And
The candidate must have qualified CSIR/UGC (JRF/NET/LS) / GATE exams with valid scores.
OR
Two years of relevant Experience (after the qualifying degree) in the relevant area.
2. M.Tech in EE, EEE, ECE, or related areas, with a minimum 60% aggregate score (55% marks for SC/ST) or equivalent.

Desirable: Knowledge of digital control of Power electronics control, development of power converters in Hardware, MATLAB/Simulation, Digital signal Processing

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

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

Fellowship: For the first two years: Rs. 37,000/- per month + HRA (As per norms)

Duration: The position for JRF is temporary for a period of 6 months and depending on the candidate's performance, the contract will be renewable annually till the duration of the project. The salary of the project staff is subject to the availability of funds in the concerned project.



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Name of the position: Project Associate

Number of Positions :-01

Essential qualifications: .

1. Engineering Graduate from EE/ECE or EEE
2. Minimum of TWO years' relevant experience

Desirable: Knowledge of MATLAB/Simulink, PSCAD, Converters Design, AC-DC/DC-DC (bidirectional power flow), renewable integration, hardware development and testing of converters

Age limit: 45 years

Salary: 35000-50000

Name of the position: Project Assistant

Number of Positions:-01

Essential qualifications: .

1. Engineering Graduate / MCA

Desirable: Basic knowledge of power electronics (AC-DC/DC-DC), microcontrollers, IoT-based smart metering, AI/ML for energy optimization, EV charging standards, Python/C/Embedded C, and hardware testing. V2G, V2V, secure payments, GPS booking, real-time tracking, REST API, web & mobile development.

Age limit: 35 years

Salary: 28000-41000

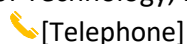
Duration: The position is temporary for a period of six months and depending on the candidate's performance, the contract will be renewable annually till the duration of the project. The salary of the project staff is subject to the availability of funds in the concerned project.

How to apply: Interested candidates must apply using the [link](#) attached to this advertisement. All documents (application form, resume, relevant mark sheets, degrees, experience certificates, and any other required documents) must be submitted while filling out the form by **April 21, 2025**. Only shortlisted candidates will be contacted for an interview. The positions are available immediately.

Due date: The application must reach the PI, Asst. Prof. Shailendra Kumary 21/04/2025 (<https://docs.google.com/forms/d/e/1FAIpQLSdHL2cC8TgZTkKwxrxL8FK1HTxEF6kTW0Wnnk7E4nImGY1-Vg/viewform?usp=preview>). Please mention the subject- "Application for the post of".



Indian Institute of Technology, Bhilai – 491002, Durg district



[Telephone]



[Email]





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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.