



भारतीय प्रौद्योगिकी संस्थान भिलाई

जिला-दुर्ग, छत्तीसगढ़-491001

Indian Institute of Technology, Bhilai

Dist.- Durg, Chhattisgarh - 491001

Website: www.iitbhillai.ac.in

Advertisement for the post of Research Associate and Junior Research Fellow in (Sponsoring Agency- ANRF under ARG Scheme) Funded Research Project

Applications are invited from Indian nationals for the position of **Research Associate-III and Junior Research Fellow** in an ANRF funded research project with the following details:

Title of the Project: Design and Development of Multi Input Converter based Dynamically Reconfigurable Battery Pack with Smart Charging for Micro Urban Electric Mobility

Principal Investigator: Dr. Lalit Kumar Sahu Designation Assistant Professor from the Department of Electrical Engineering from IIT Bhilai, Chhattisgarh- 491001 (lalitsahu@iitbhillai.ac.in). For other details, please visit the homepage <https://www.iitbhillai.ac.in/index.php?pid=lalitsahu>

Principal Co-Investigator: Dr. Hemachander Allamsetty Designation Assistant Professor from the Department of Electrical & Electronics Engineering from National Institute of Technology Puducherry, Thiruvettakudy, PUDUCHERRY, Karaikal (ahemachander01@gmail.com). For other details, please visit the homepage https://research.nitpy.ac.in/professor_profile/86/

Name of the position: RA-III and JRF

Number of Positions: 02 (01-RA-III, 01-JRF)

Essential qualifications:

- For JRF:** Graduate / Post Graduate Degree in Electrical Engineering/ Electrical and Electronics Engineering selected through a process described through any one of the following:
 - Scholars who are selected through National Eligibility Tests - CSIR-UGC NET including lectureship (Assistant Professorship) and GATE.
 - The selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MoE, ICAR, ICMR, IIT, IISc, IISER, NISER etc.
- For RA-III:** Ph.D./MD/MS/MDS or equivalent degree or having 3 years of research, teaching and design and development experience after ME/M.Tech in Electrical Engineering, Electrical and Electronics Engineering, Computer Science and Computer Application, with at least one research paper in Science Citation Indexed (SCI) journal.

Desirable: This is a leadership position responsible for overall project management, coordination, and timely achievement of project objectives. The candidate should be able to independently manage administrative and operational activities, coordinate team members and stakeholders, and work effectively under pressure and tight deadlines. Strong interpersonal, oral and written communication skills, technical report writing, presentations, and project correspondence are essential. A strong academic/research background and experience in EV technology, vehicular batteries/BMS, power electronic converters, electric drives, ML, predictive/data analytics, MATLAB/Simulink and similar tools are desirable.



Obligation of RA and JRF :

- He/She shall be governed by the all the norms, rules and disciplinary regulations of the host Institute where he/she is working.
- The JRF/RA must send a report of the research work done during the period of Fellowship as may be asked by the PI/sponsoring agency.

Salary: For JRF: Rs. 37,000/- per month, **For RA-III:** Rs. 67,000/- per month.

House Rent Allowance (HRA): All research fellows may be provided hostel accommodation wherever available. Research fellowship holders residing in hostels shall not be entitled for HRA. Wherever provision of hostel accommodation is not possible, HRA may be allowed to all the above categories viz. JRF, SRF, and RA as per Central Government norms applicable in the city/ location where they are working. The percentage required for calculating HRA will be based on the fellowship amount. HRA will be allowed as per institute/funding agency norms subject to availability of fund.

Duration: The initial appointment will be given for 1 year and is extendable based on the performance. This is also subject to the availability of the funds for the project (Total project duration is 3 years).

How to apply: Interested candidates must apply on the **'google form link :** <https://forms.gle/Jz2N28eQ2tnb5B7y6> given to this advertisement. Duly completed 'google form' must be filled by **09/09/2026 (on or before 5.00 pm)**. Only shortlisted candidates will be called for an **online/offline** interview. The positions are available immediately.

Due date: 09/09/2026 (on or before 5.00 pm).

Terms & Conditions:

- No TA/DA will be provided to the candidate for the interview.
- The PI shall not be responsible for non-submission or failed submission of google form, if any, or any other reason for non-receipt of the form at the specified time and will result in disqualification/rejection of the application.
- The decision of the selection committee will be final.
- 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.
- The candidate's appointment will be governed by the terms and conditions of the Institute/ funding agency particularly applicable to the said project as and when required.
- The selected candidate will have to join duty immediately upon receipt of the offer.
- The fellowship may be terminated with a 30-day notice before completion of the tenure if performance till date is not deemed satisfactory.