



भारतीय
प्रौद्योगिकी
संस्थान
काशी हिन्दू विश्वविद्यालय



INDIAN
INSTITUTE OF
TECHNOLOGY
BANARAS HINDU UNIVERSITY

DEPARTMENT OF ELECTRICAL ENGINEERING

**Dr. Soumya Ranjan Mohanty INDIAN INSTITUTE OF
TECHNOLOGY
(BANARAS HINDU UNIVERSITY) VARANASI-221005**

Professor

9554575150

e-mail: soumya.eee@itbhu.ac.in

Advertisement for the position of Junior Research Fellow (JRF) in an ICSSR-NSTC (Taiwan) Joint Research Project

Applications are invited from eligible candidates to work on the ICSSR (India)-NSTC (Taiwan) Joint Research Project (File No.: ICSSR-NSTC (Taiwan)/JRP-1/2025-26/IC) with the following details:

Title of the project: AI-Driven System on Paving the Way to Social Welfare Towards Accelerating Renewable Energy Management and Carbon Emission Mitigation.

Details of the Position:

1. **Name of the Position:** Junior Research Fellow (JRF)
2. **Number of Positions:** 01
3. **Last Date of Application:** 21 days from the date of advertisement.
4. **Duration:** Initially, the position is for a period of six months. However, it may be extended up to one year based on performance and availability of fund.
5. **Emolument:** Rs. 40,000/- per month (Consolidated).
6. **Essential Qualifications:**

Junior Research Fellow (JRF)

B.E./B.Tech., with a minimum of 60% marks in Electrical Engineering, and having a valid GATE score. (Or) M.E./M.Tech. in Electrical Engineering with a minimum of 60% marks and GATE qualified.

Experience in Power Systems/Control Systems/Power Electronics and related fields is desirable/preferred.

7. **Desirable Skillsets:**

- Candidate should have domain knowledge about Knowledge of renewable energy systems, microgrids, and carbon emission studies.
- Familiarity with AI/ML techniques (Python, MATLAB, etc.) for application in Electrical Engineering.
- Experience in data handling, simulation tools, and research writing

8. **Upper age Limit:** Up to 28 years as on the last date of application. Age relaxation applicable as per the Government of India (GoI) norms.

Application Procedure:

Interested candidates are requested to make a single PDF file (application form along with self-attested copies of all relevant qualification certificates, marksheets, experience certificates, age-proof, and other relevant documents in order), and email it to soumya.eee@iitbhu.ac.in with the subject line **Application for JRF-2026** by e-mail on or before **25th February, 2026** by **6:00 PM IST**. There is no need to send a hard copy of the documents separately. However, candidates need to show the original documents at the time of the interview/ joining for verification.

Note:

1. The PI may restrict the number of candidates to be called for interview to a reasonable limit by qualifications and experience higher than the minimum prescribed in the advertisement.
2. Only shortlisted candidates will be communicated through email to appear for the interview.
3. No compensation will be allowed to appear for the interview.
4. It is expected that the candidate will not leave in the middle of the project.
5. Please refer to the institute website: www.iitbhu.ac.in/positions available for further details and updates, if any.

Contact Details: Dr. Soumya Ranjan Mohanty

Dr. Soumya Ranjan Mohanty
Principal Investigator of the Project
Email ID: soumya.eee@iitbhu.ac.in
Alternate Email ID: soumya.eee@itbhu.ac.in



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APPLICATION FORM FOR JRF POSITION

1. Full Name (in Block letter):
2. Date of Birth:
3. Sex(M/F):
4. Category: GEN/ OBC/ SC/ ST/ EWS
5. Marital Status:
6. Nationality:
7. Whether physically handicapped: Y/N
8. Name of the Father and Mother:
9. Address of Correspondence (including phone number and E-mail address):
10. Academic Record:
 - a) GATE/NET or equivalent National Exam Qualification details with percent marks/ Rank, year of qualification etc.
 - b) Qualifying Degree (starting from M.Tech. or equivalent):

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passport size
photograph

Qualification	University/ Institute/Board	Year of passing	Subjects	Percentage/ CGPA	Division
M.Tech.					
B.Tech./ B.E.					
12 th					
10 th					
Others (if any)					

11. Details of Professional/ Work Experience:

Organization	Designation	Date-from	Date-to



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12. Attach list of publications (if any) with clear mention of 2019 impact factor.

13. Names and addresses of the two referees along with phone number and e-mail address:

Declaration: I hereby declare that I have carefully read and understood the instructions and particulars on this application and that all entries in this form as well as in the attached sheets are true to the best of my knowledge and belief.

Date:

Signature

Place: