



Advt. No.: IITJMU/R&C/ RP-100283/A-66

Date: 16-10-2024

Advertisement for the JRF Position

Applications are invited from the interested candidates for the post of **Junior Research Fellow (JRF)** to work on the funded research project titled “**Grid-Connected Rural Micro-Grid with Solar Energy Based Portable Clean Drinking Water Treatment Unit**” sanctioned by **National Mission on Himalayan Studies (NMHS)**.

| No. of Positions | Position | Area of Specialization | Duration | Consolidated Salary per Month (INR) |
|------------------|------------------------------|--|---------------------------------------|-------------------------------------|
| 2 (Two) | Junior Research Fellow (JRF) | Power Engineering & Renewable Energy Resources | Initially for the period of one year. | @INR 37000/- p.m+18%HRA |

Essential Qualification and Criteria:

A. M.Tech. / M.E. in Electrical Engineering and related streams and B.Tech / B.E. with minimum 60% marks (or 6.5/ 10.0 CGPA). 5% (five percentage) marks relaxation for ST/SC/PH candidates. Students awaiting results may also apply.

OR

B.Tech. /B.E. degree in Electrical Engineering and related streams with a minimum 60% mark (or 6.5/ 10.0 CGPA) throughout starting from Class XII.

B. Qualified in any of the following National eligibility test/exams:

- GATE
- CSIR-UGC NET including lectureship (Assistant Professorship)
- National-level examination conducted by Central Govt. Departments and their agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER, etc.

Desirable Qualification:

- Sound knowledge in the area of Power system and Renewable Energy Resources.
- Experience in modelling, design and control of Power Electronic Converters.
- Experience in developing and working on hardware/laboratory prototype.
- Knowledge of simulation software's like MATLAB (programming/SIMULINK), RTDS.

- Candidate must be well conversant to programming with different digital controllers

Upper age limit: Upper age limit: 30 years (Age relaxation: Upper age limit is relaxable up to 5 years for SC/ST/OBC/women and physically handicapped candidates.

Application Process:

Duly filled application form along with the requested details, scanned copies of certificates, other supporting documents, should be uploaded through the online portal (<https://apply.iitjammu.ac.in/#/home>) and should email to **anup.shukla@iitjammu.ac.in** with the subject line “**Application for JRF in Power Engineering**” latest by **4th November 2024**. Please apply through the [contract/project staff/JRF/SRF] tab on the referred application portal.

Important Points:

1. The applicant will be responsible for the authenticity of the information, other documents, and photographs submitted.
2. Merely possessing the prescribed qualification does not ensure that the candidate will be called for an Interview. The candidates may be shortlisted based on merit and need for the project.
3. Shortlisted candidates will be informed by e-mail about the interview. So, the candidate must provide valid e-mail IDs, and phone number information in their applications.
4. Shortlisted candidates must present themselves for the interview on the interview date with an updated CV and original and attested photocopies of mark sheets/certificates supporting their academic qualifications. Only shortlisted candidates will be called for the interview. The time of the interview will be informed to the shortlisted candidates by e-mail. The interview will be held using the online/offline platform.
5. Candidates called for interview should reach IIT Jammu on their own fund. TA/DA is not permissible to appear offline interview or joining the position if job is offered.
6. Candidates who are already employed should produce a relieving certificate from their employers if selected.
7. The last date for receiving the duly filled-in application is **4th November 2024**, through an online portal.
8. The date of the interview will be informed to the shortlisted candidates through email.
9. **Candidate must upload all the documents with respect to educational qualification, experience, etc.**

Principal Investigator:

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