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IIT Indore

भारतीय प्रौद्योगिकी संस्थान इन्दौर
सिमरोल, इन्दौर 453 552, भारत

Advertisement for a Junior Research Fellow (JRF) Position under the ANRF sponsored project

Date: 03/04/2026

Applications are invited from interested and motivated candidates for the post of **Junior Research Fellow (JRF)** in a research project as per the following details.

Position	Junior Research Fellow (JRF) (Under ANRF-ARG Project No. ANRF/ARG/2025/007522/ENS)
Number of Vacancy	01
Project Title	Artificial Intelligence (AI)-based Digital Twin Framework for Real-Time Transient Stability Assessment and Protection of Renewable-dominated Power Systems.
Department	Electrical Engineering
Fellowship duration	Initial appointment is for one year, which is extendable further based on performance up to the duration of the project. Selected candidate may be considered for admission to Ph.D. program as a regular full-time scholar at IIT Indore. If selected for PhD program, fellowship will be extended for PhD duration as per institute norms.
Job Description	In this project, the candidate will have to (i) model and simulate a power system integrating different renewable sources, (ii) develop multi-functional relays for protection of such renewable-integrated power systems, and (iii) Perform Hardware-in the loop (HIL) tests with the developed relay.
Essential Qualification	M.E./ M.Tech./ M.S./ any other equivalent degree in Electrical/ Electrical & Electronics Engineering with specialization in the area of Power Systems or Power Electronics. and/or B.E./ B.Tech./ any other equivalent degree in Electrical Engineering/ Electrical & Electronics Engineering (with first division as defined by the awarding Institute/University) GATE qualified candidates will be preferred.
Desirable Qualification	Candidate, having the knowledge of power system modelling with renewable energy sources in PSCAD/ DIgSILENT power factory or any other platform, will be preferred.
Age Limit	28 years (5 Years relaxation for SC/ST / OBC/PwD/ Female candidates)
Fellowship	Rs. 37,000/- p.m. (First & Second years) + HRA Rs. 42000/- p.m. (3 rd year upon upgradation) +HRA HRA will be provided as per institute norms.

Interested candidates are requested to submit a detailed softcopy of their CV with all relevant Essential Qualification Degree Certificates, Marks Sheets, GATE qualifying certificates, Date of Birth Proof Certificate in a single pdf file to spaladhi@iiti.ac.in by **25/04/2026, 5 PM**. Tentative Date of Interview: **Last week of April 2026.**

Only shortlisted candidates will be called for online interviews. Date of interview will be informed by email. The Google Meet link will be shared only with the shortlisted candidates before the interview date. The appointment is purely temporary and co-terminus with the project.

Address for Correspondence:

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