

Malaviya National Institute of Technology Jaipur

Malaviya Nagar, Jaipur-302017, Rajasthan, India

Department of Electrical Engineering

ADVERTISEMENT FOR THE POST OF JUNIOR RESEARCH FELLOW

Applications are invited from highly motivated candidates for **one position of Junior Research Fellow (JRF)** in the ANRF-sponsored research project in the Department of Electrical Engineering, MNIT Jaipur.

Project Title: “Secure Quantum-Resilient Digital Twin Framework with Blockchain Consensus for Cyber-Physical Energy Systems”

Principal Investigator (PI): Dr. Deepak Kumar, Assistant Professor, Department of Electrical Engineering, MNIT Jaipur

Name of the Post	Junior Research Fellow (JRF), One (01)
Essential Qualification	PG Qualification: First class with not less than 60% aggregate (or), not less than 6.5 CGPA on a 10-point scale in M.Tech./M.E. or equivalent in any one of the following - or a closely related - disciplines: Electrical Engineering, Electrical & Electronics Engineering, Power Systems, Power Electronics, Control Systems, Computer Science & Engineering, or related interdisciplinary areas; And, UG Qualification: First class with not less than 60% aggregate (or) not less than 6.5 CGPA on a 10 point scale with a B.E/B.Tech. in any one of the following - or a closely related - disciplines: Electrical engineering/ Electrical and Electronics Engineering/Electrical instrumentation engineering/ Electrical and Computer Engineering (or Equivalent). GATE/NET qualification is required for appointment as JRF (Rs. 37,000 + HRA), as per ANRF norms.
Desirable Qualification	• Basic exposure to power systems, grid-forming and grid-following inverter control, microgrids, and renewable energy systems. • Some familiarity with Machine Learning (ML), Artificial Intelligence (AI), and Blockchain technologies. • Basic working knowledge of MATLAB/Simulink, OPAL-RT, Python, and/or IoT and embedded systems. • The selected candidates shall be encouraged to register for PhD at MNIT Jaipur in the Department of Electrical Engineering based on the qualification.
Duration	Co-terminus with the project (up to 36 months). Initially for one year, extendable up to completion of the project subject to satisfactory performance.

Fellowship	Rs. 37,000/- per month + HRA (Rs. 44,400/-, Years 1–2, as JRF); Rs. 42,000/- per month + HRA (Rs. 50,400/-, Year 3, on upgradation to SRF), as per ANRF norms. HRA is admissible @ 20% as per the certified emolument structure.
Nature of Appointment	The position is purely on a contract basis, with the initial appointment for a period of one year from the date of joining, extendable up to 3 years (the project duration), subject to the satisfactory performance of the individual.
Place of Work	Department of Electrical Engineering, MNIT Jaipur.
Application Procedure	Interested candidates may fill the application given in Annexure 1 and, along with your CV forward them to the following e-mail, deepak.ee@mnit.ac.in on or before 2nd October 2026 (by 5:00 PM) , with the subject title, “ Application for Junior Research Fellow (JRF) in ANRF Project-Electrical Engineering ”.

Tentative Dates

Communication to shortlisted candidates: Shortlisted candidates will be communicated separately via email on or before 03rd October 2026.

Tentative interview/screening date: 07th October 2026

Important Instructions

1. Interview will be arranged in Hybrid mode (Online or in person).
2. Selection will be based on academic record and interview performance, no written test will be conducted. No TA/DA will be paid for the interview.
3. Candidates appearing for the interview should bring/send scanned copies of certificates, mark sheets, testimonials and other relevant documents.
4. The selected candidate will work on the objectives of the sponsored research project and related research activities.
5. The selected candidate may be encouraged to register for Ph.D. at MNIT Jaipur as per applicable Institute regulations, subject to eligibility and admission requirements.
6. Queries regarding the post may be addressed to the Principal Investigator (deepak.ee@mnit.ac.in).

Dr. Deepak Kumar, SMIEEE (Principal Investigator)

Assistant Professor

Department of Electrical Engineering

MNIT Jaipur, Rajasthan-302017, India

(M) 9523685951

Annexure 1

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

Department of Electrical Engineering
Jawaharlal Nehru Marg, JAIPUR-302017, INDIA
Website: <http://www.mnit.ac.in>

Application Form for Junior Research Fellow (JRF)

FOR OFFICE USE ONLY: Serial Number: _____ Eligible for Interview: YES/NO Checked the certificates: _____	Paste your latest passport size photo here
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ANRF Funded Research Project: “Secure Quantum-Resilient Digital Twin Framework with Blockchain Consensus for Cyber-Physical Energy Systems”

1. Name:
2. Father's Name:
3. Date of Birth:
4. Contact information:
- (i) Telephone with STD Code:.....
- (ii) Mobile No:.....
- (iii) Address for Communication.....
.....
- (iv) Email ID:
5. Educational Qualification Details*

Class	Board/ University	Name of Institution	Marks/CGPA	Year of Passing
X				
XII				
Graduation				

Post-Graduation				
Other				
GATE/NET Certificate				

* Attach Self-attested Photocopies of all certificates/award from Class X onwards.

6. Experience (Detail): Attach Separate sheet if required.

Organization	Designation	Duration	Responsibilities

7. Total Experience (in years).....

8. Publications : (Attach separate sheet if required)

National (Nos.).....International (Nos.).....

9. Workshop/Training programs attended.....

10. Other qualifications/Certified course/relevant information/achievements if any

Sl. No.	Other qualifications/Certified course/relevant information/achievements etc.

11. Declaration: All the above information provided by me is true to the best of my knowledge and I understand that, if found incorrect, I will not be allowed to appear for the interview.

Signature of the Candidate

Date:

Place: