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Date: June 9, 2026

Advertisement for Junior Research Fellow (JRF)

Applications are invited from motivated and eligible candidates for 1 JRF positions in the research project supported by DRDO. The details of the project are given below:

Name of Post	Junior research fellow (JRF)
No. of post	One (01)
Title of The Project	**"mmWave Radar Swarm"**
Principal Investigator	**Dr. Sharad Kumar Singh,** Assistant Professor, Department of Electrical Engineering, Indian Institute of Technology Indore.
Tenure of Project	Initially 9 Months, however, it can be extended till the end of the project if the candidate's performance is found to be satisfactory.
Job Description	• Develop a method to detect, track, and follow an adversary drone using swarm drones mounted with mmWave radars • Validate the method through extensive experiments • Develop a prototype anti-drone system
Essential Qualification	Master's degree in the relevant branch of Electronics/Engineering/ Computer Science or equivalent, with a valid GATE score. Post two years' experience, the (selected) candidate(s) will be eligible for SRF position. A candidate with **only a B. Tech/B.E. degree** needs to have a **valid GATE** scorecard in any branch of engineering.
Desirable Qualification	The candidates are expected to have a good knowledge of **Drone Technologies (flying experience)**, Control Systems, Robotics, Signal Processing, and Machine Learning.
Age Limit	As per DRDO norms, i.e. a maximum of 28 years as of the date of the interview. Age relaxation is provided for candidates from specific categories: 5 years for SC/ST and 3 years for OBC (Non-Creamy Layer).

Salary	37000 p.m. + 18% HRA. (HRA will be provided if institute accommodation is not being provided/availed.)
Last Date & Time	**June 23, 2026 (5 PM).** Interested candidates are requested to send their detailed CV to Dr. Sharad Kumar Singh, Department of Electrical Engineering, Indian Institute of Technology Indore and Prof. Vivek Kanhangad, Department of Electrical Engineering, Indian Institute of Technology Indore, via e-mail to sharad@iiti.ac.in with a copy (cc) to kvivek@iiti.ac.in bearing the subject line: "**[JRF] Application for ERIP/ER/202304006/M/01/1848 project: mmWave Radar Swarm**".

Only shortlisted candidates will be informed about the date of the interview by email. The appointment is purely temporary and may co-terminus with the project. Mere possession of minimum qualification does not guarantee an invitation to the interview. Candidates will be shortlisted based on their merit and as per the requirements of the project. Those who can immediately join the project will be preferred.

Interview Date: Would be communicated by June 24, 2026.

Google meet link will be shared only with the shortlisted candidates before the date of the interview.

Webpage:

1. Dr. Sharad Kumar Singh: https://sites.google.com/iiti.ac.in/sharad-kumar-singh/
2. Prof. Vivek Kanhangad: https://people.iiti.ac.in/~kvivek/