



अनुसंधान और विकास अनुभाग
भारतीय प्रौद्योगिकी संस्थान इंदौर
खंडवा रोड, सिमरोल, इंदौर - 453552, भारत
Research & Development Section
Indian Institute of Technology Indore
Khandwa Road, Simrol, Indore 453552, India

IIT Indore

Advertisement for Recruitment of JRF

Advt. No: IITI/CE/GS/RP/2026/01	Date: 16.06.2026
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)
Funding Agency Name	Anusandhan National Research Foundation (ANRF)
Number of Vacancies	One (01)
Project Title	OASIS – Overtaking Assistance System in Indian Scenario
Department	Civil Engineering
Duration of the Appointment	Initially for 6 months, extendable up to 3 years based on performance and project requirements.
Job Description	Duties and responsibilities include, but are not limited to: <ul style="list-style-type: none">• Conduct field surveys and collect traffic data on rural highways.• Assist in the instrumentation of vehicles with cameras, GPS devices, and other sensors for naturalistic driving studies.• Process, manage, and analyze large-scale video, sensor, and traffic datasets.• Develop, calibrate, and validate statistical and machine-learning models related to overtaking behavior, driver decision-making, and road safety.• Support the design and development of AI-based overtaking assistance algorithms using computer vision, deep learning, and sensor-fusion techniques.• Assist in the implementation, integration, and testing of prototype systems on embedded computing platforms (e.g., NVIDIA Jetson Nano).• Prepare technical reports, research manuscripts, project documentation, presentations, and other dissemination materials.• Coordinate and liaise with stakeholders, government agencies, and field personnel during data collection, experimentation, and system validation activities.• Perform any other project-related tasks assigned by the Principal Investigator.
Essential Qualification	(i) B.E. / B. Tech. or equivalent degree in Civil Engineering (with valid GATE score). (ii) M.E. / M. Tech. or equivalent degree in Transportation Engineering or other relevant specialization
Desirable Qualification	Experience in GPS-based vehicle and traffic data collection, computer vision, and basic AI/ML techniques.
Age Limit	As per the funding agency norms
Fellowship Details	₹37,000 per month (consolidated) + HRA (HRA will be provided if institute accommodation is not being provided/availed.)
Date of Interview	01 July 2026
Last Date of Applications	28 th June 2026

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 using the Google Form link i.e. <https://forms.gle/MqA3hLoeDkYdLZNL7>

(The selected candidate will be encouraged to register for the PhD program at IIT Indore as per the institute norms.) If selected for the PhD program, a fellowship will be extended for PhD duration as per institute norms.

No TA/DA will be paid for appearing in the interview.

Only shortlisted candidates will be called for an interview. Selected candidates will be informed by email.