



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

Advertisement for Recruitment of JRF

Date: 24/06/2026	
Applications are invited from interested and motivated candidates for the post of 01 JRF in a research project as per the following details.	
Position	Junior Research Fellow (JRF)
Funding Agency Name	ANRF - Advanced Research Grant
Number of Vacancies	01
Project Title	Investigation of Magnetospheric Transients: Implications to Geospace and Space Assets
Department	Astronomy, Astrophysics and Space Engineering (DAASE)
Duration of the Appointment	01 year initially (can be extended to 3 years)
Job Description	The JRF is expected to develop a hybrid numerical framework with an aim to study the evolution of Earth's magnetosphere and the onset of transient events – magnetospheric jets, flux transfer events and their impact on the Ionosphere, leading to subsequent effects on the geospace environments that can potentially harm space assets. This project is in collaboration with Indian Institute of Geomagnetism (IG), Mumbai.
Essential Qualification	a) B.Tech in Engineering Physics, M.Sc. in Physics, Astronomy / B.S.-M.S. (5-year Integrated) in Physics / or Applied Physics, Astronomy, Space Science OR b) M.Tech./M.S. (by research)/M.E. in Engineering Physics/Space Science and Engineering c) Must have either of the following: i) a valid GATE/CSIR-UGC NET (including LS)/JEST ii) Any national-level examinations conducted by Central government departments and their agencies and institutions, such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER, etc.
Desirable Qualification	a) Extensive coding experience in C, C++, Python and AI/ML tools. b) Prior experience in astrophysical and/or space plasma simulations. c) Experience in analysing open source space-based datasets. d) Excellent academic records throughout the academic journey.
Fellowship Details	INR 37000 + HRA (as per norms)
Date of Interview	July 13, 2026 (only shortlisted candidates)
Last Date of Applications	July 10, 2026
Project PI	Dr. Bhargav Vaidya (Email: bvaidya@iiti.ac.in)

How to Apply:

Interested candidates are requested to submit the following documents:

- a) A detailed CV.
- b) All relevant essential qualification degree certificates, marksheets, GATE/JEST/National Level Exam qualifying certificates, and Identity document with DOB.

All documents should be in a **single PDF file**.

Applicant details along with the above-mentioned documents have to be submitted using the form:
<https://forms.gle/CDNSyLD3VqUc8NaB8>

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, the fellowship will be extended for the PhD duration as per the institute norms.

Shortlisted candidates will be called for an online interview.