भारतीय प्रौद्योगिकी संस्थान
इंदौर
खंडवा रोड, इंदौर 453 552
Indian Institute of Technology Indore
Khandwa Road, Simrol
Indore 453 552
Office: +91 731 660 3209
Fax : +91 731 2438 721
IIT Indore

Advertisement for Junior Research Fellow (JRF)

Applications are invited from highly motivated and eligible candidates for the position of Junior Research Fellow (JRF) in the Discipline of Astronomy, Astrophysics, and Space Engineering (DAASE) at IIT Indore. The JRF is expected to work in a project supported by the Indian Space Research Organization (ISRO) under the RESPOND program. The advertised post is to conduct research for a project titled "*A modular and physics-based numerical framework for the inner heliosphere*". The aim of the project is to develop models to unravel the interplay of multi-scalar physical processes within the inner heliosphere using computational and data analytics tools for the purpose of studying space weather effects.

Duration: The opening position is initially for 1 year with a possibility of further extension based on performance.

Emolument: The JRF will be paid a consolidated salary of Rs. 31000 per month + HRA (as per rules)

Eligibility:
Essential Qualification: Post Graduate Degree (M.Sc.) in Physics, Astronomy, Astrophysics, Engineering Physics selected through a process described through any one of the following:
(a) Scholars who are selected through National Eligibility Tests – CSIR-UGC NET including lectureship (Assistant Professorship) or GATE (with a valid GATE score)
(b) The selection process through 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.
Note: Candidates with higher degrees such as MS/MTech/Equivalent with relevant subject expertise are also encouraged to apply for the JRF position.

Desired Qualification: The candidate who is well versed with one or more languages like C, C++, and Python will be preferred. Additionally, the candidate having prior experience in working with numerical simulations and associated data analysis related to astrophysics and space science will be desired.

Application Last Date: *MARCH 31, 2022*

How to Apply: Interested candidates should send their documents via email to Dr. Bhargav Vaidya, DAASE (email: bvaidya@iiti.ac.in). The documents include :

a) A detailed CV including date of birth, contact details including phone number, email address and names and details of two referees (as a single PDF file)
b) Self-attested copies of all supporting documents including photo identity card, educational mark sheets, qualifying exam certificates, and any other relevant certificates should be sent to the same email ID.
c) A maximum of 200-word statement of purpose.

Interested candidates should ensure that letters of recommendation are sent via email directly by their listed referees to bvaidya@iiti.ac.in before the date of the interview.

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

IMPORTANT:
Only shortlisted candidates will be informed about the date of the interview by email. The appointment is purely temporary and co-terminus with the project. No TA & DA will be paid for attending the selection process. Mere fulfillment of essential qualifications does not entitle the selection. IIT Indore reserves the right not to fill up the advertised post if the candidates are not found suitable for the post.