



भारतीय प्रौद्योगिकी संस्थान इंदौर
खंडवा रोड, इंदौर 453 552
Indian Institute of Technology Indore
Khandwa Road, Simrol
Indore 453 552

Office: +91 731 2438 733
Fax : +91 731 2438 721

IIT
Indore

Annexure A2

Dated: February 15, 2021

Advertisement for a JRF Position

Applications are invited from motivated and eligible candidates for a Junior Research Fellow (JRF) position in the ISRO funded research project “*Study of Accretion and Outflow Mechanisms in Compact Objects in X-ray Binaries*”.

The project is under the umbrella of ISRO announcement of opportunity (AO) programme for utilization of archival data of Astrosat funded by ISRO, Department of Space, Government of India. The project aims to carry out broadband, high-sensitive spectro-timing study of X-ray binary sources (neutron star and black holes) using Astrosat data with the goal of understanding the accretion mechanism and X-ray binary characteristics.

Eligibility:

M.Sc. in Physics or Astronomy or equivalent disciplines with minimum 60% marks with GATE or NET qualification.

Desirable:

Preferences will be given to candidates with good knowledge of programming (C/ C++/ Python/ IDL). Experience with data analysis and astronomical data handling is not necessary but desirable.

Stipend:

JRF: Rs. 31,000/- per month+HRA as per norms (if hostel accommodation is not provided)

Duration:

Initial appointment will be for one year, which is extendable up to the duration of the project (about 3 years) solely based on performance.

How to apply:

Interested candidates are requested to submit a detailed CV and a 1-page statement of interest to Dr. Manoneeta Chakraborty, DAASE, Indian Institute of Technology Indore, via e-mail: manoneeta@iiti.ac.in with the subject line “JRF/SRF application for Astrosat ISRO Project” latest by Feb 28, 2021.

Note: CV should include details of academic grades starting from standard X onwards with details of the year of passing, university or institute, etc and also work experience and nature of work if applicable. Complete details of NET/GATE should be mentioned in the CV. Incomplete applications will be rejected.

Only shortlisted candidates will be intimated by email for an interview (via online mode). No TA/DA will be paid for appearing in the interview. Documents in support of educational qualifications, and experience certificates must be produced at the time of selection process.