



भारतीय प्रौद्योगिकी संस्थान इंदौर

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IIT Indore

Dated: 17/1/2025

## Advertisement for a JRF Position

Applications are invited from motivated and eligible candidates for a JRF position in ISRO respond sponsored research project "*RES-VSSC-2023-032: Development of three-dimensional physics based ionospheric model for the Indian region*"

The study will be focusing on the expansion of the quasi-two-dimensional model to three dimensions by adding various components such as

- Diffusion of plasma along the magnetic field lines.
- Vertical drift of plasma over the geomagnetic equator.
- Effect of neutral winds on the plasma dynamics.

The search will commence immediately and continue until the position is filled. Interviews will be held at IIT Indore Simrol Campus, Indore-453552. Candidates interested in this position should apply here

Interested candidates are requested to submit a detailed CV to Prof. Abhirup Datta via –email : [abhriup.datta@iiti.ac.in](mailto:abhriup.datta@iiti.ac.in) by dd/mm/2025

Only shortlisted candidates will be called for an interview. No TA/DA will be paid for appearing in the interview.

### Eligibility:

PG Degree in Basic Science OR Graduate/Post Graduate Degree in Professional Course selected through a process described through any one of the following:

- Scholars who are selected through National Eligibility Tests - CSIR-UGC NET including lectureship (Assistant Professorship) or GATE
- 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 etc.

**Stipend:** Rs. 37000/- per month + 20% HRA as per project guidelines.

**Duration:** The appointment is for 2 Years initially and is likely to continue till the end of the project based on the performance of the candidate.