



## Recruitment of Junior Research Fellow (JRF) in the Department of Physics

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Applications are invited for the post of Junior Research Fellow (JRF) at a fixed Stipend/ Fellowship/Salary amount of Rs. 37,000 p.m. (+ HRA) in an ISRO Sponsored Project entitled “Understanding and predicting the emergences of solar active regions and forecasting their impacts on space weather”. Duration of the post is up to three years, depending on performance and the post is purely temporary and co-terminus with the project.

The candidate should possess MSc in Physics/Math (With CSIR NET LS/JRF/GATE/ JEST qualification) or B.Tech/M.Tech (with GATE qualification). The upper age limit is 35 years (relaxation as per GoI Rules); All things being equal, SC/ST candidates will be preferred as per GOI rules.

**Essential qualifications:** (a) Post Graduate Degree in Physics/Math with minimum 60% marks (or equivalent CPI) and valid NET/GATE score. **OR** (b) Four-year BTech degree in professional/engineering course with minimum 75% marks or 7.5 CPI and valid NET/GATE score.

Desirable qualifications: Basic knowledge of numerical simulations, computer programming and AI/ML.

Application on plain paper giving Name, DOB, permanent and correspondence address, names of father and mother, telephone no. and email address, details of educational career (starting from High School or equivalent) along with self-attested copies of all mark-sheets and certificates and details of any research or other experience etc., if any, should reach on/before **03/02/2025**, to the P.I.: Dr. Bidya Binay Karak, Dept. of Physics, Indian Institute of Technology (BHU) Varanasi 221005 or by (preferred) **Email:** [karak.phy@iitbhu.ac.in](mailto:karak.phy@iitbhu.ac.in)

General Instructions:

1. The application should be filled according to the attached format **or download here:** <https://iitbhu.ac.in/dept/phy/people/karakapp>
  2. Only shortlisted candidates will be communicated to appear for the interview.
  3. Original certificates need to be presented for verification during interview.
  4. No TA/DA will be paid for the attending interview.
  5. The candidate will primarily work under the guidance of Dr. Bidya Binay Karak (IIT(BHU) Varanasi)<sup>§</sup> and co-guidance of Prof. Nandita Srivastava (USO/PRL).
- <sup>§</sup>For the research and other details see <https://iitbhu.ac.in/dept/phy/people/karakapp>

## APPLICATION FOR JRF POSITION

1. Full Name:

PHOTO

2. Date of Birth:

3. Sex: M/F    4. Category: GEN/SC/ST/OBC

5. Marital Status: Y/N

6. Nationality:

7. Physically handicapped: Y / N

8. Names of Father and Mother:

9. Address of Correspondence (including phone No):

10. E-mail Address:

11. Academic Record: (a) GATE/CSIR/UGC National Exam Qualification details with Percent marks/Rank, year of qualifying etc:

(b) Qualifying Degree (starting from High School or equivalent):

Examination with Specialization	Name of School, College, University/ Institute, with city and state	Year of passing	Subjects	Percentage of marks/ GPA obtained	Distinction/ Division

12. Details of the project carried out (if any) with duration, place of work, area worked on, mentor/guide's name, description of the project and contribution to the project (in not more than 5 sentences), and publication details (if any):

13. Working experience (if any):

14. Whether currently employed:

15. Time required to join this position:

16. Names and addresses of one referee along with phone number and e-mail address:

**Declaration:** I hereby declare that I have carefully read and understood the instructions and particulars on this application and that all entries in this form as well as in the attached sheets are true to the best of my knowledge and belief.

Date:

Signature

Place: