

**Department of Physics**  
**Indian Institute of Technology (BHU), Varanasi**  
**ADVERTISEMENT FOR THE POST OF JUNIOR RESEARCH FELLOW**

Applications are invited for the post of **Junior Research Fellow (JRF)** to work on R&D project, entitled “**Development of Microwave Scattering Algorithms for the Retrieval of Crop Biophysical parameters and soil moisture using polarimetric SAR satellite data**”, supported by **Indian Space Research Organization, Dept. of Space, Govt. of India**, under **Prof. Rajendra Prasad (Principal Investigator), Dept. of Physics, IIT (BHU) Varanasi**. The sanctioned duration of the project is three years. The post is purely temporary position and is co-terminus with the project or may be terminated at any time if performance is not satisfactory.

**Essential Qualifications:**

**Junior Research Fellowship**

The candidate should have M.Sc./M.Tech. degree in Physics, Electronics, Computer Science, Remote Sensing and GIS, Geoinformatics or any related fields with at least 60% marks or 7.5/10 CGPA in aggregate from a recognized Institutes or Universities as a full-time program. **The candidate must have qualified NET/GATE exam.** The upper age limit is 28 years, and age relaxation is applicable as per Government of India (GoI) norms for SC/ST/OBC/EWS/Physically Handicapped/Female candidates. All things being equal, SC/ST candidates will be preferred as per GOI rules. The fellowship for JRF is 31000/- +18% HRA pm in this research project.

**Desirable qualifications:** Prior research experience of remote sensing data handling, digital image processing and publications.

**NOTE: The selected candidate can be considered for PhD program after fulfilling the required criteria of IIT-BHU.**

Interested candidates may submit their hard copy of application (with the attested supported documents) in the format attached herewith to **Prof. Rajendra Prasad, Department of Physics, IIT (BHU) Varanasi – 221005** within 15 days of advertisement by registered post/Speed post. An advance copy may also be sent by e-mail to [rprasad.app@itbhu.ac.in](mailto:rprasad.app@itbhu.ac.in).

**Candidate shortlisted for interview will be informed through email/phone calls only. No TA/DA will be paid, if called for interview.**

**Detailed information is available on IIT (BHU) website ([www.iitbhu.ac.in](http://www.iitbhu.ac.in)).**

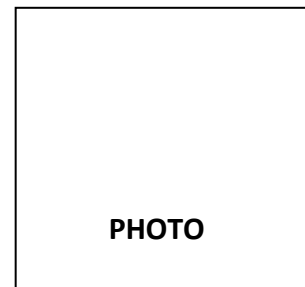
**Date of advertisement: December 30, 2022**

**Contact Details**

Prof. Rajendra Prasad  
Dept. of Physics, IIT (BHU) Varanasi  
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## APPLICATION FOR JRF (PROJECT) POSITION IN FORMAT

1. Full Name:
2. Date of Birth:
3. Gender (M/F):
4. Category (GEN/SC/ST/OBC):
5. Marital Status:
6. Nationality:
7. Physically handicapped: Y/N
8. Father's Name:
9. Address of Correspondence:
  - a. Phone No.:
  - b. Mobile No.:
  - c. E-mail Address:



10. Academic Record:

- a. GPAT/GATE/CSIR/UGC National Exam Qualification details with Percent marks/Rank, year of qualifying etc.
- b. Qualifying Degree:

Examination with Specialization	Name of School, College, University/Institute	Year of passing	Subjects	Percentage of marks/GPA obtained	Distinction/Division
High School					
Intermediate					
BSc					
MSc					

- c. Details of the project carried out 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)
- d. Attach list of publications (National and International separate) with a clear mention of publication year, impact factor (if any):
- e. Working experience (if any):
- f. Whether currently employed: Y/N
- g. Time required to join this position

11. Names and addresses of three referees 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: