



भारतीय  
प्रौद्योगिकी  
संस्थान  
काशी हिन्दू विश्वविद्यालय



INDIAN  
INSTITUTE OF  
TECHNOLOGY  
BANARAS HINDU UNIVERSITY

### **Recruitment of Junior Research Fellow (JRF) in Mathematics**

Applications are invited from highly motivated and eligible candidates for the post of JRF for the research project entitled “Efficient layer adapted methods for parabolic interface problems with boundary and interior layers,” funded by Science & Engineering Research Board (SERB). The details of the advertisement are given below.

Name of the Position	Junior Research Fellow (JRF)
Number of Position(s)	One
Duration of the Position	One year. Extendable up to three years based on the performance.
Educational Qualifications	<b>Essential:</b> <ul style="list-style-type: none"><li>• M.Sc. in Mathematics with first division/class</li><li>• Qualified CSIR-UGC JRF/LS and/or GATE</li></ul> <b>Desirable:</b> <ul style="list-style-type: none"><li>• Sound knowledge in mathematics (especially, in Numerical Analysis, Partial Differential Equations, and Analysis)</li><li>• Experience in computer programming</li></ul>
Emoluments (per month)	Rs 31,000 + 16% HRA
Last Date of Application	April 30, 2024
Age	Upper age limit: 28 years (relaxable for 5 years for SC/ST/Physically Challenged/Female candidates and 3 years for OBC NCL). All other factors being equal, SC/ST candidates will be preferred as per GOI rules.

### **General Terms and Conditions:**

1. The position is purely temporary and is coterminous with the project.
2. The PI has the discretion to restrict the number of candidates to be called for interview to a reasonable limit on the basis of qualifications and experience higher than the minimum prescribed in the advertisement.
3. Only shortlisted candidates will be communicated to appear in the interview and no other communications in this regard will be entertained.
4. The date of interview will be communicated via email to the shortlisted candidates.
5. The candidate is expected to join immediately, if selected.
6. No TA/DA will be paid for attending the interview.
7. Selected candidate could have an opportunity to enrol for pursuing Ph.D. in Mathematics (as per norms of IIT (BHU)) while working as a JRF.

### **Application Procedure:**

Interested candidates should send their applications (format attached) along with self-attested copies of all mark-sheets & certificates via email to **Principal Investigator, Dr. Sunil Kumar at [skumar.mat@iitbhu.ac.in](mailto:skumar.mat@iitbhu.ac.in) on or before April 30, 2024**. Please write “Application for JRF” in the subject line of the email. The shortlisted candidates will be intimated by email.

Dr. Sunil Kumar  
Associate Professor  
Department of Mathematical Sciences  
Indian Institute of Technology (BHU) Varanasi  
Varanasi-221005, Uttar Pradesh

**APPLICATION FOR JUNIOR RESEARCH FELLOW**

1. Name in Block Letters : Photograph
2. Father's/ Husband's Name :
3. (a) Marital Status: Married/Single  
(b) Nationality: .....
4. (a) Category: SC/ST/OBC/PH/Gen:  
(b) Whether differently abled (Yes/No):
5. Date of Birth: .....
6. Address for Communication :
7. Contact Number : Mobile: .....  
Residence: .....  
E-mail ID (Mandatory): .....

8. Educational Qualifications (From SSC/Matric onwards. Attested copies to be enclosed):

Examination Passed	Subject (S)	University or Board	Year of passing	Division or class	% of Marks

9. Research/work Experience (if any, attested copies of supporting documents to be enclosed):

Name of the organisation With designation	Period of service		Salary	Reasons for leaving
	From	To		

10. Whether Qualified in UGC/CSIR/NET/GATE (or equivalent) Examination: YES/NO If yes give details

11. Any other information:

12. **DECLARATION:** I hereby declare that, the above furnished particulars are correct and no information is suppressed.

Place:

Date:

**Signature of the candidate**