

Advertisement for the Junior Research Fellow (JRF)

Project Reference No: R&D/SA/CEL/24-25/621

Applications are invited from Indian nationals for the following position for the research project titled *“Development of customized spinel and garnet ferrite using locally sourced raw materials for circulator applications: A step towards advancing indigenous technology for sustainable raw material management,”* sponsored by **Central Electronics Limited (CEL), Ghaziabad.**

Name of the position	Junior Research Fellow (JRF)
Number of positions	1
Last date of Application	Applicants should apply within 30 days of this advertisement.
Duration of Position	Initially for one year but extendable up to 3 years (based on the performance) or the duration of the project, whichever is earlier.
Emoluments (p.m.)	Rs. 25,000/- (Consolidated, for first 2 years), Rs. 28,000/- (Consolidated, for 3 rd Year)
Educational Qualification	Essential Bachelor's/ Master's degree in Engineering in Ceramics/ Electronics/ Electrical/ Mechanical/ Metallurgical/ Chemical Engineering. & Tech./ Materials Science & Technology/ Silicate Technology/ Nano Technology/ any other engineering/science branches with a minimum of 60% marks (or 6 CGPA) and having a GATE score. Desirable Experience in nanoparticle synthesis and knowledge of materials characterization techniques such as XRD, SEM, etc. Demonstrated experience in magnetic materials synthesis, MPMS, spin coating, etc., would be an added advantage.

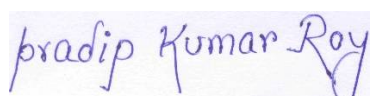
General Terms and Conditions:

1. The upper age limit is 28 years as of the last date of the application. Age relaxation will be applicable as per GOI norms.
2. The position is purely temporary and is coterminous with the project.
3. 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.
4. The candidate is expected to join immediately if selected.
5. No TA/DA will be paid for attending the interview.

Application Procedure: Interested candidates may apply by mailing the filled Application form (attached below) and their recent CV along with self-attested copies of all mark sheets and certificates to pkroy.cer@iitbhu.ac.in with the subject line **“Application for the position of JRF.”** Kindly send a single PDF file only. No need to send the hard copy. However, candidates need to show the original documents at the time of interview/joining. Only the shortlisted candidates will be communicated to appear in the interview.

Last date of receiving application: 17th May 2025

***Note:** The candidate could have an opportunity to enroll to pursue a Ph.D. in the Department of Ceramic Engineering while working as a JRF on the project.



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INDIAN
INSTITUTE OF
TECHNOLOGY
BANARAS HINDU UNIVERSITY

DEPARTMENT OF CIVIL ENGINEERING
INDIAN INSTITUTE OF TECHNOLOGY
(BANARAS HINDU UNIVERSITY)
VARANASI-221005

APPLICATION FORM FOR JRF POSITION

1. Full Name:					
2. Date of Birth:			<p style="text-align: center;">Photograph (Please paste/insert a recent passport size photograph)</p>		
3. Sex (M/F/Others):					
4. Category (GEN/SC/ST/OBC):					
5. Physically Handicapped (Y/N):					
6. Marital Status:					
7. Name of Father/Mother:					
8. E-mail Address:					
9. Whether currently employed (if YES, give details of your current employer):					
10. Address of Correspondence (including phone No):					
11. Academic Records: (a) Details of GATE (Exam Discipline, Exam Year, Score (out of 1000), and Rank)					
(b) Qualifying Degree (starting from High School or equivalent, Attested copies to be enclosed):					
Degree	School/ University	Year	Subjects	CGPA/(%)	Division
M.Tech/M.E.					
B.Tech/B.E.					
12 th or Equiv.					
10 th or Equiv.					
12. Work Experience (starting with most recent experience; add rows if required):					
S. No.	Organization	Designation	Date (From and To)		
13. Software Proficiency:					
14. Details of the Project carried out (if any)					
S. No.	Title of Project	Supervisor's name	Duration		
15. Name and address 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:

Place:

Signature: