Advertisement for the post of Junior Project Fellow (JRF) under SERB project (CRG)

Post: 01

Date of advertisement: 19-01-2026

Applications are invited for <u>one post</u> of **Junior Research Fellow** at a fixed fellowship of **Rs. 31,000 per month** and 16% HRA in a Science and Engineering Research Board (SERB) Sponsored Project (under **CRG** scheme) entitled "**Production, characterization and combustion studies on sustainable aviation fuel**" sanctioned up to **March**, **2026 (likely to be extended up to December 2026)**. The post is purely temporary and co-terminus with the project. The candidates should possess the essential qualifications.

B. Tech. /**M. Tech in Chemical Engineering or Mechanical Engineering or Production and Industrial Engineering or M.Sc. in Chemistry/Botany/Life Sciences with a valid GATE/NET score**. The upper Age Limit is **28** Years (relaxable for 5 years for SC/ST/Physically Handicapped/Female candidates. All other factors being equal, SC/ST candidates will be preferred as per GOI rules.

Essential qualification: B.Tech./M.Tech. in Chemical Engineering/Mechanical Engineering/Production Engineering/Industrial Engineering or M.Sc. in Chemistry/Botany/Life Sciences with valid GATE/NET score.

Desirable qualifications: Prior experience in chemical reactor fabrication, carrying out gas chromatography analysis of gas, liquid samples, conducting material and energy balance etc. is desirable. Preliminary understanding of catalyst synthesis and characterization will be an added advantage. The candidate will be expected to be able to estimate kinetic parameters from chemical reaction.

Application in the given attached format (along with self-attested scanned copies of all mark-sheets and certificates and testimonials and details of any research or other experience etc., if any) should be combined as a single pdf file and emailed to the address: jpc.che@iitbhu.ac.in and write the subject as: '**Application for SERB (CRG) Project**' **within 15 days of this advertisement.**
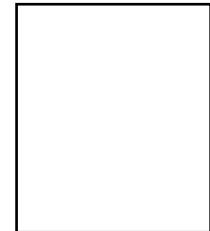
Last date of application: 02 February 2026

Note: 1. Interview date will be communicated via email. Only shortlisted candidates will be communicated through email to appear for the interview in physical mode. No TA/DA will be paid if called for interview. PI has the discretion to restrict the number of candidates to be called for interview to a reasonable limit by qualifications and experience higher than the minimum prescribed in the advertisement.

2. Candidates may subsequently register for PhD program in the Department of Chemical Engineering & Technology, IIT (BHU) Varanasi if they fulfil other requisite criteria as per PG ordinance of the institute.

APPLICATION FORM FOR JRF POSITION

1. **Full name (in block letters):**
2. **Date of Birth:**
3. **Sex :**
4. **Category: GEN/ OBC/ SC/ ST/ EWS**
5. **Marital Status:**
6. **Nationality:**
7. **Whether physically handicapped: Y/N**

Paste passport size photograph

8. **Name of the parents:**
9. **Correspondence address (including phone number and e-mail address):**
10. **Academic Record:**
(a) **GATE/NET or equivalent National Exam Qualification details with percent marks/ rank, year of qualification etc.**
(b) **Qualifying degree details :**

Qualification with specialization (if any)	University/ Institute/ Board	Year of graduation	Division/ Distinction	Percentage/ CGPA
M. Tech./ M.Sc				
B. Tech./ B.E.				
12th				
10th				
Others (if any)				

11. **Details of previous employment/work experience**

Organization	Designation	Dates of employment (from DD/MM/YY-to DD/MM/YY)

12. **Attach list of publications (research papers and international/national conference papers)**

13. List of referees

Names	Designation	Phone number and e-mail address

14. Write in 250 words how you plan to solve the research problem of this project.

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: