

Advertisement

Recruitment of JRF in Department of Pharmaceutical Engineering and Technology, IIT (BHU) – in the ISRO-RAC at IIT (BHU), Varanasi Sponsored Project

Annexure I: About positions and general application procedure

Annexure II: Application form

Annexure I

The Title of the Project: Study the Metabolic Biomarkers as Predictive Response to Radiation Exposure: Rapid Assessment of Radiation Signatures in Biological Fluid (Plasma) to Enhance Astronaut Safety and Performance

The applications are invited from qualified candidates for the following positions. In the project: *Study the Metabolic Biomarkers as Predictive Response to Radiation Exposure: Rapid Assessment of Radiation Signatures in Biological Fluid (Plasma) to Enhance Astronaut Safety and Performance* The total duration of the appointment shall be up to 3 years or co-terminus with the project duration. Please note that PI is free to set the benchmark and call only the eligible candidates above set benchmark for Test and/or Interview. Further, PI/ ISRO-RAC IIT (BHU) also reserves the right NOT to fill any of the posts advertised, in the event or exigency so decided without assigning any reason thereof.

S. No	Positions	Essential Qualification (Please refer to Details in Annexure I)	No. of Posts	Upper Age Limit	Monthly Salary + HRA
1.	Junior Research Fellow (JRF)	M. Pharm, M.S.(pharm.), M.Tech (pharm) in Pharma/Medicinal chemistry, Pharmacoinformatics, Pharmaceutics, Pharmacology, Pharmacognosy, Analysis, Pharma-biotechnology, Natural product etc with GATE/GPAT/CSIR-NET equivalent examination.	1	28 years (relaxation for 5 years to SC/ST/Physically Handicapped Female candidates)	₹ 37,000/- + HRA

APPLICATION PROCEDURE

Candidates need to fill and submit the Application Form (Format in Annexure) and prepare a single pdf file attaching all the requisite degrees/certificates, research experience, and publications if any via email to Principal Investigator, Dr. Shreyans Kumar Jain at sjain.phe@iitbhu.ac.in on or before **January 31, 2025**

Dr Shreyans Kumar Jain
Project Investigator
IIT (BHU), Varanasi-221005
Email: sjain.phe@iitbhu.ac.in

Candidates must also fill and submit the Google form: <https://forms.gle/q3ftSxZWY5EUE6Gc9>

Please mention the post you are applying for in the subject line of the email. Such as “Application for JRF-ISRO RAC” The shortlisted candidates will be intimated by email.

1. The post is purely temporary and co-terminus with the project.
2. Positions sanctioned for **Three Year** for JRF

3. IIT(BHU) has all rights to decide the duration of appointment in each position. The performance of project staff will be reviewed accordingly, and the positions may be extended for the total project duration.
4. Candidates must also fill and submit the Google form: <https://forms.gle/q3ftSxZWY5EUE6Gc9>
5. If candidate is applying for multiple positions, a separate application required for each post.
6. Only shortlisted candidates will be communicated to appear in the interview and no other communications in this regard will be entertained. Candidates are requested to check their email regularly and visit <https://www.iitbhu.ac.in/positions> for any updates.
7. The candidate is expected to join within a month, if selected.
8. No TA/DA will be paid for attending the interview.
9. Relaxation of marks and age may be granted to the SC/ST/OBC/EWS/Women/physically challenged Candidate. (as per GOI norms)
10. The Selection committee 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
11. HRA will be given as per the Government norms

The Selection committee reserves its right to not fill the position if no suitable candidate is found

Notes:

Starting date of application: 07.1.2025

Last date of application: 31.1.2025

Annexure I

1	Junior Research Fellow (JRF)
	<p>The Junior Research Fellow (JRF) position is a key role in project, designed for individuals with a Master's degree in Pharmaceutical Sciences M.Pharm, M.S. (Pharma), M.TECH (Pharma). This role focuses on conducting scientific research and supporting the development of innovative solutions for the identification of biomarkers by metabolomics study on radiation exposed animal. The JRF will work closely with CoPI in IMS BHU and ISRO -HSFC</p> <p>This full-time, temporary position will support various research initiatives aimed at quantitative and qualitative analysis of biomarkers. The JRF will be responsible design and execute the experiment, Data acquisition and analysis, preparation of project report and manuscripts.</p> <p>Desirable Qualifications and Experience:</p> <ol style="list-style-type: none">Experience: Prior research experience in the relevant research fields<ul style="list-style-type: none">➤ Animal handling and biological sample processing➤ Analytical, HPLC, LCMS, Spectroscopic characterization is desirable.➤ Data analysis and presentationResearch Skills: Understanding of Animal handling and biological sample collection. Sample preparation for analytical workflow.Technical Skills: LC-HRMS operation, data acquisition, and data analysis.Communication Skills: Strong written and verbal communication skills for reporting and presenting research findings.Other Skills: Good problem-solving skills and the ability to interpret complex data.Personal Qualities: Detail-oriented, proactive, and eager to contribute to innovative research solutions. <p>Key Responsibilities:</p> <ol style="list-style-type: none">Research Support: Expertise in advanced analytical method for water quality assessment, knowledge of Sophisticated state-of-art technology (Spectroscopic Techniques)Data Management: Analyse complex data sets and provide strategic insights to inform project decisions.Collaboration: Work with IMS BHU, ISRO-HSFC, CoPI and ExpertsReport Preparation: Prepare comprehensive research reports, Papers, Posters and technical reports

APPLICATION FOR the post of.....POSITION (under SLCR)

1. Full Name:					
2. Date of Birth:					Photograph (Please paste/insert a recent passport size photograph)
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) GATE/CSIR-NET qualification details with percent marks/Rank, year of qualifying, etc.:					
(b) Qualifying Degree (starting from High School or equivalent, Attested copies to be enclosed):					
Degree	School/ University	Year	Subjects	CGPA/(%)	Division
PhD					
M.Tech/M.E./MBA					
B.Tech/B.E./Graduation					
12 th or Equiv.					
10 th or Equiv.					
Any other					
12. Work Experience (starting with most recent experience; add rows if required):*					
S. No.	Organization	Designation		Date (From and To)	

12. Software Proficiency:			
14. Details of Project carried out (if any)*			
S. No.	Title of Project	Supervisor's name	Duration
15. Name and address of two 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