

ADVERTISEMENT

Applications are invited for the post of **One post of of Junior Research Fellowship (JRF)** at a Fixed Stipend/ Fellowship/ Salary amount of ₹ 37,000/- + HRA **p.m. (HRA will be as per the rule)** in a National Mission for Clean Ganga (NMCG). Sponsored Project entitled “Characterization of Emerging pollutants & Fingerprint analysis.” This post is for One year. The Essential qualifications and the upper Age Limit (relaxable as Per GoI Rules); As mentioned in the detailed advertisement, application procedure and other relevant information (Annexure I). All things being equal, SC/ST candidates will be preferred as per GOI rules. Application should be reached in the prescribed format (Annexure II)

Advertisement details

Project no.	R&D/TSA/4066/NMCG/Pharma/24-25/05/632
Project Title	Characterization of Emerging pollutants & Fingerprint analysis
PI	Shreyans Kumar Jain
Post	JRF (01 Post)
Fellowship/salary	Per month ₹ 37,000/- + HRA
Funding agency	National Mission for Clean Ganga
Duration	One Year
Essential minimum qualification	As per the Table
Desirable qualification, if any	As mentioned in detailed Advertisement
Maximum Age	As mentioned in table
Relaxation for SC/ST/Physically Handicapped/Female candidates	As per GoI rules

This is to certify that the advertisement details given are as per the Funding agency norms.

Signature of the PI

The PI must ensure that advertisement is made as per rules. If the advertisement contravenes any of the guidelines prescribed by the funding agency and/or Institute, the proceedings of the Selection Committee shall be null and void.

Detailed Advertisement (Annexure I) and Application form (Annexure II)

Annexure I

Recruitment of Project Assistant (01), Department of Pharmaceutical Engineering and Technology, IIT (BHU)

The Title of the Project: Characterization of Emerging pollutants & Fingerprint analysis Characterization of Microbes and Micro-pollutants in the Ganga Basin: A Fingerprint Analysis Approach Based on the water sources and their implication in the Ganga Basin.

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, Natural product Pharmacognosy, Analysis, etc with GATE/GPAT/CSIR-NET equivalent examination.	01	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 **November 25, 2026**

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://docs.google.com/forms/d/1wSsfEoqrOngQljTf-s1sS9WcwG7suf_6V3JfdpI_0rg/edit

Please mention the post you are applying for in the subject line of the email. Such as “*Application for JRF_Emerging_2026*”
The shortlisted candidates will be informed by email.

1. The post is purely temporary and co-terminus with the project.
2. Initially the position is sanctioned for Three Year for JRF, and this is the re-advertisement after the resignation of the candidate after Two years, therefore the tenure for the candidate is tentatively for remaining One year.
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://docs.google.com/forms/d/1wSsfEoqrOngQljTf-s1sS9WcwG7suf_6V3JfdpI_0rg/edit
5. Candidates are requested to check their email regularly and visit [IIT\(BHU\) - Positions Available | Indian Institute of Technology \(BHU\)](#) for any updates.
6. The candidate is expected to join with in a month, if selected.
7. No TA/DA will be paid for attending the interview.
8. Relaxation of marks and age may be granted to the SC/ST/OBC/EWS/Women/physically challenged Candidate. (as per GOI norms)
9. 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
10. HRA will be given as per the Government norms

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

Starting date of application: October 25, 2026

Last date of application: November 21, 2026

Annexure I

1	Junior Research Fellow (JRF)
	The Junior Research Fellow (JRF) position is a key role within the Smart Laboratory on Clean Rivers (SLCR) project, designed for individuals with a master's degree in Pharmaceutical Sciences M.Pharm, M.S. (Pharm), M. TECH (Pharm). This role focuses on conducting scientific research and supporting the development of innovative solutions for the identification of micro-pollutant and microbes in small rivers. The JRF will work closely with other JRF and PA to contribute to research activities and advance the objectives of the project. This full-time, temporary position will support various research initiatives aimed at quantitative and qualitative analysis of micro-pollutants and microbes. The JRF will be responsible design and execute the experiment, Data acquisition and analysis, preparation of project report and manuscripts. Desirable Qualifications and Experience: 1. Experience: Prior research experience in the relevant research fields ➤ Analytical, HPLC, LCMS, Spectroscopic characterization is desirable. ➤ Microbial: collection, DNA isolation, Sequencing 2. Research Skills: Understanding of Sample preparation, water quality assessment, and environmental science. 3. Technical Skills: Proficiency in statistical software, data analysis tools. 4. Communication Skills: Strong written and verbal communication skills for reporting and presenting research findings. 5. Analytical Skills: Good problem-solving skills and the ability to interpret complex data. 6. Personal Qualities: Detail-oriented, proactive, and eager to contribute to innovative research solutions. Key Responsibilities: i. Research Support: Expertise in advanced analytical method for water quality assessment, knowledge of sophisticated state-of –art technology (Spectroscopic Techniques) i. Data Management: Analyse complex data sets and provide strategic insights to inform project decisions. ii. Report Preparation: Prepare comprehensive research reports, Papers, Posters and technical reports

Annexure II

APPLICATION FOR the post of.....POSITION

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 percentage 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)	

11. 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 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:

Place:

Signature