



INDIAN INSTITUTE OF TECHNOLOGY PATNA
BIHTA PATNA-801106
RESEARCH & DEVELOPMENT UNIT

ADVERTISEMENT NO:R&D/711/SERB/349

DATED: 06/03/2024

Project No. R&D/SP/CBE/SERB/2022-23/711

Applications are invited in the prescribed format only for the following assignment in a purely time bound research project undertaken in this institute.

1. (a) Name of the temporary assignment : Junior Research Fellow (JRF)
(b) Number of Post : 01
(c) Duration of the Post: Initially for six months and/or extended up to project end on performance basis
2. Name of the temporary research project :Enhanced the Gas Hydrate Formation by Antifreeze Molecules: Applications in Gas Storage and Energy Recovery
3. Name of the sponsoring Agency:SRG-SERB
4. Consolidated Fellowship/Salary:31000/- per month + 8% HRA
5. Qualifications & Experience:
 - First class graduate in B. Tech/B. E. in Chemical Engineering or allied branches.
 - M.Tech./M.E/M.Sc. in Relevant Disciplines: Chemical Engineering or allied branches/Physics/Chemistry with a minimum CPI of 6.5 or 60% of marks.
 - Candidates are preferred with GATE/NET score*.
 - The candidate with significant background in Molecular Simulations, Thermodynamics, Quantum Chemistry, Machine Learning and experience in coding and Linux environment will be given preference.
 - The age should not exceed 28 years for a candidate with B.Tech/BE degree as the highest qualification and 32 years for a candidate with ME/M.Tech/MS degree as the highest qualification. Relaxations for SC/ST/OBC/women/PD will be given as per the GoI rules.

Interested and eligible candidates may apply along with up-to-date resume (showing educational qualification in % of Marks obtained from 10th onwards, Experience, Publications, Achievements and Names of two referees), and self-attested copies of all mark sheets & certificates in pdf or doc format.

Please send the duly filled application form as attached, mentioning the “**Application for JRF Position**” to the email id: atanu.metya@iitp.ac.in. Please use the file name as: post-applied_firstname_lastname.pdf (e.g., JRF_X_X).

Last date of received of application: March 22, 2024.

After the short-listing, the candidates will be informed accordingly to appear for the online/offline written test/interview. No TA/DA is admissible for appearing in the written test/interview.

For any query contact Investigator(s) : Dr. Atanu K Metya, Dept. of Chemical & Biochemical Engineering, IIT Patna, Email: atanu.metya@iitp.ac.in Tel.: +91 6115 233 831.



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*In case no suitable candidate is found with valid GATE/NET score the candidate having no GATE/NET score can be selected. However, a lower remuneration of JRF fellowship will be given as per SERB norms and the IIT Patna institute policy.

This issue is with the approval of the Competent Authority.

Deputy Registrar

Copy to:

1. Associate Dean, R&D, IIT Patna
2. Advertisement file
3. Project file



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FORMAT OF APPLICATION FOR “JUNIOR RESEARCH FELLOW (JRF)”

Name & Address Including email id and Phone no. (for Correspondence)	Category (GEN/OBC/SC/S T/PD)	DOB dd/ mm/yy	Professional Exam. (GATE/CSIR-NET, etc) & Validity
NAME IN CAPITAL Address: Phone: Email:			
Educational Qualification			
Institute/ Board	Exam Passed	Year of Passing	% of Marks/CPI
	10 th Class		
	12 th Class		
	Bachelors (B.Sc/B.Tech/B.E./BCA) or equivalent		
	Masters (M.Sc/M.Tech/M.E/MCA/ MA) or equivalent		

Qualifying degree	Degree/ major/Specialization
(B.Tech/B.E./B.Sc)	
(M.Tech/M.E/M.Sc)	
Others	

Date:

Place:

Signature of applicant