



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

**ADVERTISEMENT NO: R&D/711/SERB/250**

**DATED: 24/11/2022**

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 one year 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. Fellowship : Rs. 31000/- per month plus 8% HRA as per GoI rules
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/Physical Chemistry with a minimum CPI of 6.5 or 60% of marks and a valid 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 10<sup>th</sup> 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](mailto: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: December 15, 2022.**

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



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

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

**Deputy Registrar**

Copy to:

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



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

**PROJECT CODE: R&D/SP/CBE/SERB/2022-23/711**

**ADVT NO: R&D/711/SERB/250**

**DATED:24/11/2022**

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

<b>Name &amp; Address</b> <b>Including email id and</b> <b>Phone no.</b> <b>(for Correspondence)</b>	<b>Category</b>  (GEN/OBC/SC/S T/PD)	<b>DOB</b>  dd/ mm/yy	<b>Professional Exam.</b> <b>(GATE/CSIR-NET, etc) &amp;</b> <b>Validity</b>
<b>NAME IN CAPITAL</b> Address:          Phone: Email:			

<b>Educational Qualification</b>			
<b>Institute/ Board</b>	<b>Exam Passed</b>	<b>Year of Passing</b>	<b>% of</b> <b>Marks/CPI</b>
	10 <sup>th</sup> Class		
	12 <sup>th</sup> Class		
	Bachelors (B.Sc/B.Tech/B.E./BCA) or equivalent		
	Masters (M.Sc/M.Tech/M.E/MCA/ MA) or equivalent		

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

Signature of applicant

Date:

Place: