



**INDIAN INSTITUTE OF TECHNOLOGY PATNA  
BIHTA PATNA-801106  
RESEARCH & DEVELOPMENT (R&D) UNIT**

**ADVERTISEMENT NO: R&D/397/BRNS/149**

**DATED: 04/10/2019**

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 : One  
(c) Duration of Post : 36 months
  
2. Name of the temporary research project : **Fire Retardant Materials: Investigation on Mechanistic & Thermo-physical properties and synthesis process**
  
3. Name of the sponsoring Agency : Board of Research in Nuclear Sciences (BRNS)
  
4. Fellowship : **Rs. 31000/- per month for first two years + HRA (as applicable) and Rs. 35000/- per month for the third year + HRA (as applicable).**
  
5. Qualifications & Experience: M.Tech. /M.E. /M.S. in Metallurgy, Ceramic, Mechanical, Chemical Engineering/Technology, Nano-science/technology, Materials Science/Engineering, Solid State Technology, Manufacturing Technology/Engineering, Foundry Forge Technology, Iron & Steel Technology, Thermal Engineering, Mechatronics Engineering, Industrial Metallurgy, Surface Engineering, Surface Coating Technology, Welding Technology, Industrial Metallurgy, Industrial Chemistry with 60% marks or CPI of 6.5 or higher and qualified GATE/NET score  
**(or)**  
M.Sc. in Materials Science/Nanoscience, Physics (pure and applied) and Chemistry (pure and applied), Industrial Chemistry, Chemical science, Industrial Chemistry with a minimum CPI of 7.5 or 70% and qualified GATE/NET score

The candidate desirably should have Bachelor's degree in the disciplines of Metallurgy, Ceramic, Mechanical, Chemical Engineering/Technology, Nano-science/technology, Materials Science/Engineering, Physics (pure and applied) and Chemistry (pure and applied). The upper age limit for applying for the JRF position shall be 28 years. Relaxations for SC/ST/OBC/women/PD will be given as per the GoI rules.

Interested candidates may send duly filled and scanned copy of the application form (refer to page-2) along with supporting documents (resume, mark sheets, certificates etc) to **Dr. Anirban Chowdhury, (Email: anirc@iitp.ac.in)** by email on/before 1<sup>st</sup> November, 2019. Shortlisted candidates (based on their applications) will be intimated for WRITTEN TEST and INTERVIEW at IIT Patna. **The outstation short-listed candidates will be paid to and fro travel allowance (TA) via shortest route in train (sleeper class) or bus.** For any query contact Investigator : Dr. Anirban Chowdhury, Dept. of Metallurgical and Materials Engineering, IIT Patna, Emails: anirc@iitp.ac.in Tel.: 0612-3028183.

**Deputy Registrar**

Copy to:

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



Form No: RD-S2 (B)

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**FORMAT OF APPLICATION FOR 'JRF'**

<b>Name &amp; Address</b> <b>Including email id and 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 Marks/CPI</b>	
	10 <sup>th</sup> Class			
	12 <sup>th</sup> Class			
	B.Sc or equivalent			
	M.Sc or equivalent			

<b>Qualifying degree</b>	<b>Degree/ major/Specialization</b>
B.Sc.	
M.Sc.	
Others	

Signature of applicant

Date:

Place: