



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

**ADVERTISEMENT NO: R&D/432/SERB/169**

**DATED: 22/06/2020**

Project No. R&D/SP/MME/SERB-SRG/2019-20/432

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 : 1 (One)  
(c) Duration of the Post : 1 year initially. Extendable by another one year
2. Name of the temporary research project : Flash sintering of oxide ceramics: Effect of electrical parameters on densification mechanism, microstructure and mechanical properties
3. Name of the sponsoring Agency : Science and Engineering Research Board (SERB)
4. Fellowship/Salary : Rs. 31000 + 8% HRA
5. Qualifications & Experience :  
M.Sc/M.Tech in Metallurgy, Materials Science/engineering, Solid state physics, Ceramics, Mechanical engineering, Physics with minimum CPI of 6.5 or 60% marks with a valid GATE score.

**OR**

Bachelor's degree from and IIT's or NIT's in Metallurgy, Materials, Ceramics with a valid GATE score

The upper age limit is 26 years (B.Tech./B.E.) and 30 years (M.Tech/M.E.)

Working/research experience in the field Matlab, Ceramics and Electron microscopy will be given preference

Relaxation for SC/ST/OBC/women/PD candidates will be as per the GoI norms.

Interested and eligible candidates may email the scanned copies of documents (mark-sheets, degree certificates, GATE scorecard) to the investigator and then appear for the **Online interview** on 21<sup>st</sup> July 2020 from 10:00 am onwards with Dr. Devinder Yadav, Dept. of Metallurgical and Materials Engineering, IIT Patna, Bihta, Patna – 801106. The candidates should ensure that they have good internet connectivity for the online interview.

For any query contact Investigator(s): **Dr. Devinder Yadav, Dept. of Metallurgical and Materials Engineering, IIT Patna, Email: devinder@iitp.ac.in** Tel.: 0612-3028752.

**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 “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		
	Bachelors (B.Sc/B.Tech/B.E./BCA) or equivalent		
	Masters (M.Sc/M.Tech/M.E/MCA/ MA) or equivalent		

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

Signature of applicant

Date:  
Place: