



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

ADVERTISEMENTNO: R&amp;D/868/BCP/316

**DATED: 31/10/2023****PROJECTCODE: R&D/SP/MME/BCP/2023-24/868**

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 : **Mg<sub>2</sub>TiO<sub>4</sub> Based Microwave Ceramics: Correlations of Dielectric Properties with Structure, Phase and Sintering Parameters**
3. Name of the sponsoring Agency : Council of Scientific and Industrial Research (CSIR)
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 &amp; Experience:

**Essential Qualifications:**

B.S 4-year programme/ Integrated B.S.-M.S./M.Sc./B.E./B.Tech. or equivalent degree, with 55% marks and passing of NET-LS/GATE test

**Desirable Qualifications:****(I)** 60 % (or higher) in 10<sup>th</sup> and 12<sup>th</sup>

**(ii)** Bachelor's degree level in the following disciplines: Metallurgical Engineering, Ceramic Engineering/ Technology, Polymer Science/Chemistry/ Technology, Plastics Science /Technology, Rubber Science / Technology, Mechanical Engineering, Chemical Engineering / Technology, Nanotechnology, Materials Science / Engineering, Physics and Chemistry with a CGPA 6.5 or 65 % (or higher) and valid GATE (preferably with paper code MT, PH, CY and XE) or NET score

**(or)**

Master's degree level in the following disciplines: Metallurgical Engineering, Ceramic Engineering/ Technology, Polymer Science / Chemistry/ Technology, Plastics Science /Technology, Rubber Science / Technology, Mechanical Engineering, Chemical Engineering / Technology, Nanotechnology, Materials Science / Engineering, Physics, Chemistry, Applied Physics, Solid state Physics/ Technology, Solid State Materials, Solid State Electronic Materials, Applied Chemistry, Nanotechnology, Materials Science/Engineering, Steel Technology, Process Metallurgy, Welding Engineering, Industrial Metallurgy, Surface Science/Engineering, Mechatronics Engineering, Industrial Engineering, Industrial and Production Engineering, Foundry and Forge Technology with a CGPA of 6.5 or 60 % (or higher) marks for candidate with M.Tech. degree, and CGPA 7.5 or 70% (or higher) for M.Sc. candidate with valid GATE (preferably with paper code MT, PH, CY and XE) or NET score

**NOTE:** The upper age limit for applying for the JRF position shall be 28 years. However, the upper age limit is relaxed up to 5 years for candidates belonging to scheduled castes/tribes/OBC, women.



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

Interested candidates may send duly filled and scanned copy of the application form (refer to page-3) along with supporting documents (resume, mark sheets, certificates etc) to **Dr. Anirban Chowdhury, (Email: [anirc@iitp.ac.in](mailto:anirc@iitp.ac.in))** by email on/ before **08<sup>th</sup> November, 2023**. Shortlisted candidates (based on their applications) will be intimated for INTERVIEW. The selected candidates would be asked to choose between offline walk-in (**no travel allowances (TA) would be provided**) and online interview mode. For any query, contact Investigator: Dr. Anirban Chowdhury, Dept. of Metallurgical and Materials Engineering, IIT Patna, Email: [anirc@iitp.ac.in](mailto:anirc@iitp.ac.in) Tel.: 06115-233183.

**Assistant Registrar  
R&D Unit**

Copy to

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



FormNo:RD-S2(B)

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

PROJECTCODE:R&amp;D/SP/MME/BCP/2023-24/868

ADVERTISEMENTNO: R&amp;D/868/BCP/316

**DATED: 31/10/2023**

**FORMAT OF APPLICATION FOR '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 <sup>th</sup> Class		
	12 <sup>th</sup> Class		
	B.Tech./B.Sc. Or equivalent		
	M.Tech./M.Sc Or equivalent		

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

Signature of applicant

Date:

Place: