



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

ADVERTISEMENT NO: R&D/1031/DBL/535**DATED: 13-01-2026**

Project No: R&D/SP/MME/DBL/2023-24/1031

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 :Senior Research Fellow
(b) Number of Post : 1 (ONE)
(c) Duration of the Post : One year initially followed by extension of one year subject to satisfactory performance

2. Name of the temporary research project :Development of Barrier Layer Coating of Refractory Metal/Metal Carbide coating on Intricate Graphite Assembly for SiC Single Crystal Growth

3. Name of the sponsoring Agency : Defence Research and Development Organisation

4. Consolidated Fellowship/Salary : Rs. 42000/- + (@9% HRA) Rs. 3780/- = 45,780 Rs

5. Minimum Eligibility for Qualifications & Experience

a) For candidates with M.Tech./ME/MS as qualifying degree in Metallurgy, Ceramic, Polymer/Plastic, Mechanical, Chemical Technology, Rubber Technology, Nanotechnology, Materials Science and Engineering, Physics, Chemistry, Steel Technology, Process Metallurgy, Welding Engineering, Industrial Metallurgy, Foundry and forge, Production engineering, Surface Science/Engineering and relevant fields: first class (minimum 65% marks or 7.0 CPI) in M.Tech./ME/MS with GATE/NET qualifications and first class (minimum 60% marks or 6.5 CPI) in B.Tech./BE, 12th and 10th with minimum 2 years' experience as JRF.
or
For candidates with B. Tech./BE/M.Sc as qualifying degree in the following selected disciplines (Metallurgy, Ceramic, Polymer/Plastic, Mechanical, Chemical Technology, Nanotechnology, Materials Science and Engineering, Physics and Chemistry, Foundry and forge, Production engineering), 75% marks or 8.0 CPI in B.Tech./BE from institutes other than IITs/IISc and 7.0 CPI in B.Tech. from IITs and IISc with valid GATE score and first class (minimum 60% marks or 6.5 CPI) in 12th and 10th class along with minimum 2 years' experience as JRF.

b) The age should not exceed 28 years for a candidate with BE/B.Tech/M.Sc. degree as the highest qualification and 32 years for a candidate with ME/M.Tech/MS degree as the highest qualification.

c) Relaxations for SC/ST/OBC/women/PD will be given as per the GOI norms.

Working/research experience in the field of Ceramic/metal composites, Nanocomposites, Environmental engineering, Composite fabrication techniques, Microstructure and Phase analysis, Mechanical and Tribological characterization will be given preference.

Interested and eligible candidates may send their applications with below annexure form with subject line SRF position to principle investigator (anup@iitp.ac.in) by **27/01/2026**. Shortlisted candidates will have **Offline/On-line written exam/interview** on **30/01/2026 at 11:00 AM** at Dr. Anup Kumar Keshri, Dept. of Metallurgical and Materials Engineering, IIT Patna, Bihta, Patna – 801106 with updated resume along with the original copies of all supporting documents (GATE/ NET scorecard, certificates, mark-sheets, and degrees).

For any query contact Investigator(s): **Dr. Anup Kumar Keshri, Dept. of Metallurgical and Materials Engineering, IIT Patna,**
Emails: anup@iitp.ac.in Tel.: 0612-3028184.

Assistant Registrar (R&D)**Copy to:**

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



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ADVT NO: R&D/1031/DBL/535

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FORMAT OF APPLICATION FOR SRF

Name & Address Including email id and Phone no. (for Correspondence)	Category (GEN/OBC/SC/ST/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.Sc/B.Tech/B.E./BCA)	
(M.Sc/M.Tech/M.E/MA/MCA)	
Others	

Signature of applicant

Date:

Place: