



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

ADVERTISEMENT NO: R&D/792/AWC/275

DATED: 28.04.2023

Project No. R&D/SP/MME/AWC/2022-23/792

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
(b) Number of Post : 2
(c) Duration of the Post : Initially for 1 year, may be extended for maximum 3 years or till the end of the project, whichever is earlier, depending on the satisfactory performance in the previous year(s).
2. Name of the temporary research project : Advanced Wear and Corrosion Resistance Coatings Development and Commercialization in India
3. Name of the sponsoring Agency: Advanced Manufacturing Technology - Centre of Excellence (AMT-CoE)
4. Consolidated Fellowship/Salary: Rs. 31000/- for first two years and by Rs. 35,000/- for 3rd year (subject to satisfactory performance on yearly basis). HRA will be provided as per DST norms.
5. Qualifications & Experience: : M.Tech./ME/MS in Metallurgy, Ceramic, Polymer/Plastic, Mechanical, Chemical Technology, Rubber Technology, Nanotechnology, Materials Science/Engineering, Steel Technology, Process Metallurgy, Welding Engineering, Industrial Metallurgy, Foundry and forge, Production engineering, Surface Science/Engineering with GATE/NET qualifications and first class (minimum 60% marks or 6.5 CPI) in B.Tech./BE, 12th and 10th class. Or B.Tech. from IITs and IISc with 7.0 CPI or B.Tech./B.E. from other institutes with 75% or 8.0 CPI with valid GATE score in the above-mentioned disciplines.

The candidate desirably should have M.Tech./ ME degree with a minimum CPI of 7.0 or 65% of marks. The upper age limit for applying for the JRF position shall be 28 years (B.Tech/BE) or 32 years (M.Tech./ME). Relaxations for SC/ST/OBC/women/PD will be given as per the GOI rules. 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.



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Interested and eligible candidates may appear for the **WRITTEN TEST/WALK-IN INTERVIEW** on **22-05-2023** at **12 pm** 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 (certificates, mark-sheets, and degrees). No TA/DA is admissible for appearing in the interview.

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.

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 JUNIOR RESEARCH FELLOW

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 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: