INDIAN INSTITUTE OF TECHNOLOGY ROPAR
Department of Metallurgical and Materials Engineering
Har Gobind Khurana Building, Rupnagar, Punjab – 140001

Advertisement for Junior Research Fellow (JRF) in ANRF-PMECRG Project

Applications are invited from suitable candidates for the position of Junior Research Fellow (JRF) to work on the Anusandhan National Research Foundation (ANRF) **Prime Minister Early Career Research Grant** (PMECRG) project entitled "**Enhancement of Corrosion and Cavitation-Erosion Behaviour of Nickel-Aluminium-Bronze Alloy with Ti6Al4V Cold Spray Coating for Naval Applications**" under the supervision of the PI of the project at IIT Ropar. The detailed information is given below:

Description	Details
Principal Investigator (PI)	**Dr. Rajiv Kumar**, Assistant Professor, Metallurgical and Materials Engineering (MME), IIT Ropar
Name of Position	Junior Research Fellow
No. of Position	01
Essential Qualification	(i)B.Tech/BE in Metallurgical and Materials Engineering/Mechanical Engineering/Production Engineering or related discipline with a GATE score **or** (ii)M.Tech/ME Metallurgical and Materials Engineering/Mechanical Engineering/Production Engineering or related discipline with a GATE score **or** (iii)M.Sc. or equivalent degree in Physics with a qualified NET/GATE/IIT JAM score
Nature of work	The primary responsibility of the JRF at IIT Ropar is to assist the PI in conducting experimental work and analyzing the outcomes to achieve the project's objectives. JRF needs to develop coatings of the Ti6Al4V alloys on NAB alloys using the cold spray technique. Further, the responsibilities of JRF also include performing corrosion and cavitation erosion tests, characterizing samples using different characterization techniques, and preparing reports and manuscripts based on the results.
Tenure of Post/ Nature of Appointment	1 year, which is extendable up to 3 years solely on a performance basis *(Selected candidates may be considered for admission to the PhD programme at IIT Ropar as per the institute norms)* The appointment will be purely temporary, and the position is coterminous with the project.
Fellowship per month	Rs. 37,000/-per month plus HRA as per the institute norms
Last date to apply	**21st July 2025 (Monday)** (Application form can be downloaded from https://www.iitrpr.ac.in/jobs/project-positions)
How to apply	• Interested candidates must send the application form along with the supporting documents in a **single PDF file only** to the PI of the project through email (krajiv@iitrpr.ac.in) by **21st July 2025 (Monday).** • Please note that the email's subject line must be "**Application form for ANRF-PMECRG-2025**".

Note:
- Only shortlisted candidates will be communicated through Email tentatively by **23rd July 2025** to appear for an **online interview.** The date of the online interview will be notified on **23rd July 2025.**
- **No TA/DA** will be given to the candidates for attending the interview.
- The position is available immediately, so the selected candidate is expected to join immediately.

Address of Principal Investigator
Dr. Rajiv Kumar
Assistant Professor
Office: Room No. B302
Har Gobind Khurana Building
Metallurgical and Materials Engineering, IIT Ropar
Email: krajiv@iitrpr.ac.in, Phone: 01881-23-2411

Application No. …………………… (For office use only)

Application Form for JRF Position in ANRF-PMECRG Project

1. Personal Details:

Name:		
Father's Name:		

			Passport size photo
Date of Birth: (DD/MM/YYYY)		**Category:** Gen/SC/ST/OBC/EWS	
Marital Status:		**Gender:**	
Nationality:		**GATE/NET/IIT JAM**	**Score/Rank:**
Mobile:		**Email:**	
Present Address:		**Permanent Address:**	

2. Educational Qualifications:

Degree	Board/Institute/University	Subjects/Discipline	CGPA/%	Division	Passing year
10th or equivalent					
12th or equivalent					
Diploma, if any					
B.Tech/B.E./B.Sc.					
M.Tech/M.E./M.Sc.*					

*Title of M.Tech/M.E./MSc. Thesis:………………………………………………………………………………

………

………

………..

3. Professional Experience in Chronological Order:

Name of the organization	Designation	Duration		Nature of work
		From	**To**	

4. Number of research publications (attach list): SCI-…………………Non-SCI:…………………………

5. Time required to join this position:

6. Any other relevant information:

DECLARATION

I hereby declare that I have carefully read the instructions and particulars supplied to me and that the entries made in this application form are correct to the best of my knowledge and belief. If selected for admission, I promise to abide by the rules and discipline of the institute. I note that the decision of the institute is final in regard to selection for admission and assignment to a particular department and field of study. The institute will have the right to expel me from the institute at any time after my admission, provided it is satisfied that I was admitted on false particulars furnished by me or my antecedents prove that my continuance in the institute is not desirable. I agree that I shall abide by the decision of the institute, which will be final.

Date:

Place: Signature of the applicant

Enclosures: Self-attested copy of documents
1. Proof of Date of Birth
2. Marks Sheets & Certificates of all Educational Qualifications
3. GATE/NET/IIT JAM Score Card
4. Experience Certificate, if any
5. Category Certificate, if applicable
6. List of Publications