

INDIAN INSTITUTE OF TECHNOLOGY ROPAR
DEPARTMENT OF CHEMISTRY
ADVERTISEMENT

Applications are invited for the position of **Junior Research Fellow (JRF)** to work in the ANRF-PAIR sponsored project (Project No. ANRF/PAIR/2025/000006/PAIR-A) entitled “Dynamic Research Eco-system for Advanced Materials “DREAMS” under the supervision of undersigned. The Position is temporary and is available immediately. This project aims towards the development of catalysts for biomass conversion and H₂ production. A student working in this project will be trained to synthesize various types of nanomaterials. These materials will be investigated in different catalytic and photocatalytic applications. Additionally, the student will also learn how to use various spectroscopic and spectrometric techniques for the characterization of these novel materials. The student hired in the project will be eligible to join the PhD programs as per the institute rules. For PhD admission, the student must apply separately against the PhD advertisement, which is already open. Please visit the IIT Ropar website to apply for the PhD position.

Positions: ONE

Duration: 5.0 years (Up to termination of the project, whichever is earlier). The offer will be given initially for one year, and will be extended on the satisfactory progress of the candidate in the project.

Desirable: Previous experience in heterogeneous catalysis will be preferred.

Essential Qualifications: M.Sc. Chemistry with at least 6.5 CGPA on a 10-point scale or 60% marks and having passed NET (CSIR/UGC)/ NET (LS)/ GATE (>75 percentile) test. Only very hard working, highly motivated and enthusiastic students are advised to apply.

Emoluments: As per ANRF rules.

How to Apply: Application form is given on the following sheet. Completely filled application form along with a summary of bio-data may be sent to the undersigned by post or e-mail. Please note that no TA/DA will be given to the candidates called for Interview.

Last date for receipt of application: 24th November 2025.

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Application form

For the position of JRF to work in the ANRF sponsored project

Affix Recent
Passport Size
Photo

Personal Details

Full Name (In Capital)			
Date of Birth (DD/MM/YY)		Category (SC/ST/OBC)	
Marital Status (Married/Unmarried)		Gender (Male/Female)	
Nationality			
Address for Communication		Permanent Address	
Mobile/Phone no.			
E-mail			

Details of School/University/Institute Studied (From Matriculation Onward)

S. No.	Degree	Discipline	University/ College	Regular/ Part time	Year	% Marks/CG PA	Division
1							
2							
3							
4							
5							
6.							

Additional Qualifying Examination (GATE/CSIR/UGC/NET/NBHM/Others)

Qualifying Examination	Branch	Year	Valid up to	Percentile	All India Rank

Professional Experiences (Teaching/Research/Industrial) if any

Name of Organization	Designation	Period		Nature of Work
		From	To	

Research Publication (if any)**Awards, patents, prizes etc (if any)****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 shall 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 shall be final.

Place :

Date :

Signature of Applicant:

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Attach detailed CV with proof of NET/GATE or other national level exam certificates.