



भारतीय प्रौद्योगिकी संस्थान रोपड़
INDIAN INSTITUTE OF TECHNOLOGY ROPAR
नंगल रोड, रूपनगर, पंजाब-140001/Nangal Road, Rupnagar, Punjab-

Advertisement for the Post of Junior Research Fellow

Applications are invited for a **Junior Research Fellow** position in the Department of Chemical Engineering, IIT Ropar under the **Indian Space Research Organisation (ISRO)**-sponsored project.

Project Title	Development of durable and smart catalyst layer structures for low temperature PEM fuel cells
Project Investigator	Prof. Sarang P. Gumfekar, Assistant Professor, Chemical Engineering
Name of the Position	Junior Research Fellow, One (01)
Eligibility	<p>Postgraduate Degree (MSc) in Basic Science OR Graduate (BE/BTech)/ Postgraduate (ME/MTech) Degree in Chemical Engineering selected through a process described through <u>any one</u> of the following:</p> <p>(a) Scholars who are selected through National Eligibility Tests - CSIR-UGC NET including lectureship (Assistant Professorship) or GATE</p> <p>(b) The selection process through National level examinations conducted by Central Government Departments and their Agencies and institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc.</p>
Duration	Initially for one year. The contract can be extended based on satisfactory performance until the completion of the project.
Salary	<p>i. Rs. 31,000/- + HRA to scholars who are selected through</p> <p>(a) National Eligibility Tests- CSIR- UGC NET including lectureship (Assistant Professorship) or GATE <u>OR</u></p> <p>(b) A selection process through National level examination conducted by Central Government Department and their agencies and institutions.</p> <p>ii. Rs. 25000/- + HRA for others who do not fall under (i) above</p>
Desirable Qualifications	<ul style="list-style-type: none">• The candidate with master's and relevant experience in industry/academia/research will be given the preference.• Fundamental understanding and hands-on experience of nanomaterials synthesis and characterization.• Hands-on experience in fabricating in-house devices, small-scale reactors.• Candidates with proven scientific writing skills will be preferred.• Strong fundamental knowledge of basic engineering principles.• Candidate selected for JRF position may be considered for the regular PhD program at the Department of Chemical Engineering, IIT Ropar subject to fulfillment of the eligibility criteria as per the Institute rules.
Application Procedure	<p>Please send the following documents in <u>a single pdf</u> to sarang.gumfekar@iitrpr.ac.in with subject "Application for JRF on ISRO project"</p> <ul style="list-style-type: none">• Application Form (attached below)• Curriculum Vitae

	<ul style="list-style-type: none"> • Degree Marksheets • Experience Certificates, if applicable • Valid Category Certificate, if applicable
Last Date of Application	May 7, 2023, 5:00 PM

Terms and Instructions

- Applications received after the deadline will not be considered.
- Only shortlisted candidates will be contacted through email.
- The post is purely temporary in nature.
- The Institute reserves the right to fill up the post, not to fill up the post, or cancel the advertisement in whole or part without assigning any reason. The Institute also reserves the right to place a limit on the total number of candidates to be called for interviews. The decision of the PI in this regard will be final.
- Documentary evidence in support of all educational and professional qualifications will be required to be produced when specified.
- The Institute can verify all the documents submitted by a candidate before the appointment, at the time of appointment, or during the tenure of the service. In case, it is found that the documents submitted by the candidates are fake/modified or the candidate has clandestine antecedents/background and has suppressed the said information, then his/her services shall be terminated.

APPLICATION FORM

Personal Details

Full Name (In capital)				
Date of Birth (DD/MM/YYYY)		Gender		Affix a recent passport size photograph
Category (attach valid certificate, if applicable)		Marital Status (Single/Married)		
Permanent Address		Address for Communication		
Mobile No.		Email:		

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

Degree	Discipline	University/Institute	Regular/Part-time	Year graduated	%Marks /CGPA

Qualifying Examination (GATE/NET or other as applicable)*

Qualifying Examination	Branch	Year	All India Rank	Score	Valid upto (DD/MM/YYYY)

**Essential for the position of JRF*

Professional Experiences (Teaching/Research/Industrial), if any

Name of the Organization	Designation	Nature of work	From (DD/MM/YY)	To (DD/MM/YY)

Research Publication(s), if any

(Please use the IEEE style for the bibliography)

- 1.
- 2.
- 3.

Other relevant information such as details of projects/experience/certifications/awards/patents, if any

- 1.
- 2.
- 3.

Referees (Please provide at least two referees)

Name	Current Position and Affiliation	Email id	Mobile Number	Relation with the applicant

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 the position, I promise to abide by the rules and discipline of the Institute/laboratory. I note that the decision of the Institute is final in regard to the selection. 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.

Signature of Applicant