



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

**Advertisement for the Post of Research Associate**

Applications are invited for a **Research Associate** position in the Department of Chemical Engineering, IIT Ropar under the National Technical Textile Mission-sponsored project.

Project Title	Development of Indigenous Encapsulated Phase Change Material (PCM) based Active Wear Textiles and Demonstration of Commercial scale Manufacturing
Project Investigator	Prof. Sarang P. Gumfekar, Assistant Professor, Chemical Engineering
Name of the Position	Research Associate, One (01)
Eligibility	Ph.D. (Engineering/Technology/Science) in Textile, Chemical, Materials, Polymers, Chemistry, or other relevant discipline. OR MTech/ME in Textile, Chemical, Polymer, Materials or other relevant discipline with 3 years experience in research, teaching, and design and development after MTech/ME and at least one research paper in SCI journal
Duration	Initially for one year. The contract can be extended based on satisfactory performance until the completion of the project.
Salary	Rs. 47,000/-
Desirable Qualifications	<ul style="list-style-type: none"><li>• Preference will be given to the candidates having excellent scientific writing skills and proven record of high-impact, first-author publications.</li><li>• Experience in the field of Electrochemistry, Sensing, and Electroanalytical techniques.</li><li>• Experience in the fabrication of Energy Storage and Conversion Devices (Fuel Cell, Electrolyser, Battery, Supercapacitors).</li><li>• Experience in synthesis of porous materials (MOF, COF, aerogels), multifunctional polymers, nanomaterials, quantum dots (QDs) by various methods.</li></ul>
Application Procedure	Please send the following documents in <u>a single pdf</u> to <a href="mailto:sarang.gumfekar@iitrpr.ac.in">sarang.gumfekar@iitrpr.ac.in</a> with subject “Application for Research Associate on NRRM project” <ul style="list-style-type: none"><li>• Application Form (attached below)</li><li>• Curriculum Vitae</li><li>• Degree Marksheets</li><li>• Experience Certificates, if applicable</li><li>• Valid Category Certificate, if applicable</li></ul>
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**

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

**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)**

<b>Name</b>	<b>Current Position and Affiliation</b>	<b>Email id</b>	<b>Mobile Number</b>	<b>Relation with the applicant</b>

**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