



## **Advertisement for a Research Fellow**

**Indian Institute of Technology, Ropar (IIT Ropar)**

**Department of Chemical Engineering, Nangal Road, Transit  
Campus, Rupnagar, Punjab 140001**

Applications are invited for a Research Fellow for an industrial project in the Department of Chemical Engineering, IIT Ropar, under the project titled “Ceramic coatings (Air-drying) for automotive (Project-1).” The fellow will aim to study the application of ceramic coating for vehicles to impart several properties, such as a durable protective layer and chemical resistance against environmental contaminants. The selected candidate will work under Dr Manigandan and Dr Vishwajeet Mehandia in the Department of Chemical Engineering.

**Essential qualifications:** BE/ME/M.Tech/MS (by Research) in Chemical Engineering/Technology or any allied branches of chemical engineering with a qualified score in GATE. Candidates must have obtained at least 60% marks or 6.5 CGPA (55% or 6.0 CGPA for SC/ST) in their bachelor's and master's. Please note that the candidates with master's degrees must have done bachelor's in relevant engineering/technology disciplines.

**Desired qualifications:** Candidates having good work experience with the characterization of nanoparticles, colloids, and ceramics will get an advantage.

**Duration:** Three years. Candidates joining will be encouraged to enroll for PhD subject to fulfilling the Institute norms and clearance of the interview process.

**Salary:** A consolidated fellowship of 31000 per month for the first two years and 35000 per month for the third year will be provided per the project norms.

The applicant must send the following documents in a single PDF file to [mani@iitrpr.ac.in](mailto:mani@iitrpr.ac.in) (Dr. Manigandan) on/before **16.Mar.2023**.

1. A one-page cover letter describing the background and how it will help to pursue this project.
2. Application in the prescribed format as given in **Appendix 1**.
3. Soft copy of all degree certificates.
4. Proof of GATE/CSIR-UGC NET (including lectureship).

**The selected candidates will be called for an online interview, and, if short-listed, the details of the same will be notified to the candidate one week before the finalized date.**

**APPLICATION**

1. Name and full correspondence address :

2. Email and contact number :

3. Gender :

4. Date of Birth :

5. Marital status :

6. Category :

7. Nationality :

8. Whether differently abled :

9. Academic qualification :

| Qualification    | Subject | Institute/Board/Univ. | Year of passing | % Marks/CGPA |
|------------------|---------|-----------------------|-----------------|--------------|
| 10th             |         |                       |                 |              |
| 12 <sup>th</sup> |         |                       |                 |              |
| BE/B.Tech/BSc    |         |                       |                 |              |
| ME/M.Tech/MSc    |         |                       |                 |              |

10. Work experience in chronological order:

| S. No. | Positions held | Name of the Institute/Industry | From | To | Pay Scale (Rs.) |
|--------|----------------|--------------------------------|------|----|-----------------|
|        |                |                                |      |    |                 |
|        |                |                                |      |    |                 |
|        |                |                                |      |    |                 |
|        |                |                                |      |    |                 |
|        |                |                                |      |    |                 |

11. Professional Recognition/ Award/ Prize/ Certificate, Fellowship received by the applicant.

| S. No. | Name of Award | Awarding Agency | Year |
|--------|---------------|-----------------|------|
|        |               |                 |      |
|        |               |                 |      |
|        |               |                 |      |
|        |               |                 |      |

12. International journal publications (If any)

| S. No. | Title of the paper | Journal name (publisher) | Volume (year) | Pages |
|--------|--------------------|--------------------------|---------------|-------|
|        |                    |                          |               |       |
|        |                    |                          |               |       |
|        |                    |                          |               |       |
|        |                    |                          |               |       |

**DECLARATION**

I hereby declare that all the statements made in this application are true and complete and nothing has been concealed/ distorted. I am aware that, if at any time I am found to have concealed/distorted any material information, my engagement is liable to be summarily terminated without notice.

Place:  
Date:

Signature of Applicant