

भारतीय प्रौद्योगिकी संस्थान रोपड़

**INDIAN INSTITUTE OF TECHNOLOGY ROPAR**

नंगल **रोड, रूपनगर, पंजाब-140001/Nangal Road, Rupnagar, Punjab-140001**

**ADVERTISEMENT for Online Interview**

Applications are invited for a junior research fellow (JRF) position in the Department of Chemical Engineering, IIT Ropar under the MeitY-sponsored project titled “*Development of Electrically Conductive Adhesives for the Microelectronic Packaging and Flexible Film Circuits*”. The position is purely temporary and is for three years (or till the completion of the project). The deserving candidate will be considered for PhD admission if the candidate meets all the institute requirements.

**About the Project:**

**Post:** Junior Research Fellow (JRF)

**Position(s):** 2

**Duration:** Initially for 6 months. It may be extended further based on performance and continuation of the project.

**Emoluments:** Consolidated Rs. 31,000/- per month

**Essential Qualifications:**

a) M.E./M.Tech. in Chemical Engineering or Materials Engineering or allied branches or a Master’s degree by Research in Chemical Engineering or Materials Engineering or allied branches. Candidates must have obtained at least 60% marks (or 6.5 CGPA) in their Master’s with a valid GATE score or UGC-JRF/NET/CSIR-JRF.

**OR**

b) Candidates with a Master’s degree in Science (Physics/Mathematics/Chemistry etc.) with an excellent academic record are eligible. Candidates must have a valid GATE score or UGC-JRF/NET/CSIR-JRF or equivalent qualification in the relevant area tenable for the year of registration.

**Desirable Qualifications: (i)** Experience in synthesis and characterization of polymers, nanomaterials, adhesives, coatings, and nanocomposites is highly desired. **OR** **(ii)** Experience in device fabrication, sensor fabrication, and electrical and electrochemical characterization. All applicants are expected to be proficient in written and verbal communication skills.

(**Note: Candidates in their final semester are eligible to apply for this position.**)

**How to Apply?**

Please send a single .pdf file to [sarang.gumfekar@iitrpr.ac.in](mailto:sarang.gumfekar@iitrpr.ac.in), mentioning “*Application for JRF-your name*” in the subject line of your email. The .pdf file should contain the following documents:

1. Filled application form (attached below)
2. Semester-wise marksheets and degree certificates
3. Copy of publication(s), if any.
4. Detailed CV
5. Statement of purpose (1-page long)

**Last date for receipt of application: 5:00 PM on 30th August, 2021**

Shortlisted candidates will be called for the interview either in person or online mode.

**\*Only shortlisted candidates will be contacted through email. \***

**Application form for Junior Research Fellow (JRF)**

Recent Photograph

**Personal Details**

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| --- | --- | --- | --- |
| Full Name (In capital) | |  |  |
| Date of Birth (DD/MM/YYYY) | |  | Category (General/SC/ST/OBC) |
| Age (in years) | |  | Gender (Male/Female) |
| Marital Status  (Single/Married) | |  | Nationality |
| Address for Communication | | | Permanent Address |
|  | | |  |
| Mobile/ Phone No. |  | | Email: |

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

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **S. No.** | **Degree** | **Discipline** | **University/Institute** | **Regular/ Part-time** | **Year** | **%Marks /CGPA\*** | **Division** |
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**Qualifying Examination (GATE/CSIR/UGC/LS-NET/Others)**

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| --- | --- | --- | --- | --- | --- |
| **Qualifying Examination**  **(& name of subject)** | **Branch** | **Year** | **Valid Up to** | **Percentile (& Score)** | **All India Rank** |
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**Professional Experiences (Teaching/Research/Industrial) if any**

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| --- | --- | --- | --- | --- |
| **Name of Organization** | **Designation** | **Nature of Work** | **From** | **To** |
|  |  |  |  |  |
|  |  |  |  |  |

**Master’s project title with short description:**

**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