

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
DEPARTMENT OF CHEMICAL ENGINEERING
ADVERTISEMENT TO FILL UP PROJECT POSITIONS*

Dated:15/01/2026

Applications are invited from Indian nationals only for project position(s) as per the details given below for the consultancy/research project(s) under one of the Investigators, **Dr. Komal Tripathi, Department of Chemical Engineering**, Indian Institute of Technology Roorkee-247667.

1. Title of project- "Research and experimental learning Centre on sustainable energy and circularity".

2. Sponsor of the project: NTPC Limited, New Delhi

3. Project position(s) and number- Junior Research Fellowship (JRF) ; 01 (one)

4. Essential Qualification: CSIR/UGC-NET/GATE qualified MTech. /M.E. or equivalent in Chemical Engineering/Chemical Technology/Allied disciplines in Engineering and Sciences. B.Tech./B.E.in the above disciplines with a minimum CGPA of 8.0/10, graduated from a Centrally Funded Technical Institute (CFTI) with a valid GATE score, are also eligible. CSIR/UGC-NET/GATE score should not be more than 5 years old.

5. Emoluments

Sl. No.	item	Rates
1	Junior Research Fellowship (JRF) (01)	Rs. 37,000 + HRA /- (per month per candidate)

6. Job Description- The project involves developing new catalysts/materials and their performance evaluation for hydrogen production, sustainable chemicals production and biomass valorisation. This would also involve in-situ materials characterization for mechanistic studies and performing experiments on a laboratory-scale reactor setup with transient operation, followed by a transition to a pilot-scale reactor setup.

1. Duration: 3 years or the project completion duration, whichever is earlier.
2. Before appearing for the interview, candidates should ensure they are eligible for the position they intend to apply for.
3. Experience includes research, the industrial field, and others.
4. Attested copies of the degree/certificate and the experience certificate.
5. Candidate shall bring the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
6. Preference will be given to SC/ST candidates on equal qualifications and experience.



7. No TA/DA is admissible for attending the interview.
8. Candidates interested in applying for the above post should submit complete information regarding their educational qualifications (including percentage of marks/division), details of work experience, and other relevant credentials by e-mail. The application should be sent with the subject line **"JRF Application – NTPC – IITR"** to **Dr. Komal Tripathi** at **komal.tripathi@ch.iitr.ac.in**
9. Only short-listed candidates will be informed for a walk-in interview. In case any clarification is required on eligibility regarding the above post, the candidate may contact Dr. Komal Tripathi at email ID: **komal.tripathi@ch.iitr.ac.in**

Note: The interview will be held at the Department of Chemical Engineering, IIT Roorkee, on **January 27, 2026 (Tuesday) at 4:30 PM.**

The last date for submitting completed applications by email is **January 24, 2026 (Friday).**

Tel: 01332-285205

Komal Tripathi

Dr. Komal Tripathi (Investigator)

Copy to:

1. Dean, SRIC, IIT Roorkee
2. Institute Website, IIT Roorkee

approved

[Signature]
Dean

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