



**MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY, JAIPUR**  
**Department of chemical Engineering**  
**Jawahar Lal Nehru Marg, Jaipur-302017, INDIA**

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**Advertisement for the position of Junior Research Fellow (JRF) in SERB funded research project [SPG/2021/002800] at the Department of Chemical engineering, MNIT, Jaipur.**

Applications are invited from the Indian Nationals for the position of Junior Research Fellow (JRF) in SERB funded research project with the following details:

**Title of the project:** Development of Novel Electrocatalyst for the Efficient Conversion of Biomass Derived Syngas to Electrical Power Using Solid Oxide Fuel Cell Technique.

**Principal Investigator:** Dr. Neetu Kumari, Assistant Professor, Department of Chemical Engineering, Malaviya National Institute of Technology, Jawahar Lal Nehru Marg, Jaipur-302017, Mobile No.:+91-9549650416, Email id: [neetu.chem@mnit.ac.in](mailto:neetu.chem@mnit.ac.in);  
[https://mnit.ac.in/dept\\_chemical/profile?fid=R6qI](https://mnit.ac.in/dept_chemical/profile?fid=R6qI)

**Name of the position:** Junior Research Fellow (JRF)

**Essential qualification:** M.E./M.Tech/MSc.(Physics/Chemistry) degree in Chemical Engineering/ Chemical Technology/ Biochemical Engineering and other allied branches of Chemical Engineering. Preference will be given to NET/GATE qualified candidate. Candidate should have a good knowledge of electrocatalysis, chemical catalysis, catalyst characterization, biomass valorisation process and various analytical tools such as GC, potentiostat/galvenostat, etc.

**Consolidated Fellowship/Salary:** Rs. 31000/- per month

**Duration:** The project is ending on 20<sup>th</sup> May 2025. This appointment will be valid till the end of the project.

**How to apply:** Interested candidates must apply on the application form attached with this advertisement. Duly completed application form along with candidate's CV and a brief write-up stating his/her suitability for this position must be mailed or emailed to the PI ([neetu.chem@mnit.ac.in](mailto:neetu.chem@mnit.ac.in)) so as to reach her by **19<sup>th</sup> January 2025**. Only shortlisted candidates will be called for interview and no TA/DA will be paid for attending the interview.

**Due date:** The application must reach the PI, Dr. Neetu Kumari, by **19<sup>th</sup> January 2025**. Email id of PI: [neetu.chem@mnit.ac.in](mailto:neetu.chem@mnit.ac.in).

Candidates may also note the following points:

1. Selection committee of MNIT Jaipur reserves the right to fix suitable criteria for short-listing of eligible candidates.
2. Candidates will be short listed for the interview based on merit and experience of the available candidates. Only short listed candidates will be notified for interview and decision of selection committee will be final. The date and time of interview will be informed by email to candidates and hence a valid email id should be provided by the candidate in the application. Candidates should bring original certificates at the time of interview.
3. No TA/DA will be provided to the candidates called for the interview.
4. The candidate selected for the position of JRF will have the option to register for PhD program at MNIT Jaipur. However, for admission to PhD program at MNIT Jaipur, the candidate must meet eligibility requirements and also qualify the written examination and/or interview.

For any further information, the applicant may contact PI by email ([neetu.chem@mnit.ac.in](mailto:neetu.chem@mnit.ac.in)). For the application form please visit MNIT website (<http://www.mnit.ac.in>)

**MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY**  
**JAIPUR**

**Department of Chemical Engineering**

**Application for Junior Research Fellow (JRF) in SERB  
funded research project (SPG/2021/002800)**

**Application for the post of.....**

<b>Application for</b>
For office                  Received date:
Eligible:....Yes/No..... Called for Interview:
Checked the certificate.....

1. Name: .....

2. Father's Name: .....

3. Date of Birth: .....

4. Contact information:

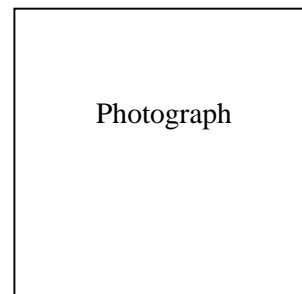
(i) Telephone with STD Code:..... (ii) Mobile No:.....

(iii) Address for Communication .....

.....

.....

(iv) Email ID: .....



**5. Education Qualification**

<b>Class</b>	<b>Discipline</b>	<b>Board/University</b>	<b>Name of School/Institute</b>	<b>Marks Scored (% or CGPA)</b>	<b>Year of passing</b>
10 <sup>th</sup>					
12 <sup>th</sup>					
BE/B.Tech					
ME/M.Tech					
Others					

6. Total Experience (in years).....

7. Gate Score.....Rank ..... Year.....

8. Experience (Details) : (Attach separate sheet if required)

Organization	Designation	Duration	Responsibilities

9. Publications : (Attach separate sheet if required)

National (Nos) .....International (No's) .....

10. Patents: .....

(Attach separate sheet if required)

11. Workshop/Training programs attended.....

12. Other qualifications/Certified course/relevant information/achievements if any

S. No.	

I have provided correct information as above and I understand that, if found incorrect, I may be disallowed to appear in interview/Test.

Date

Signature of applicant with name

Note:

- **Please attach self-attested photocopy of supporting documents for point number 5 to 12 along with application form.**
- **Original Certificates for verification with one photocopy to be brought at time of interview only.**