



# Malaviya National Institute of Technology Jaipur

Malaviya Nagar, Jaipur-302017 Rajasthan India

Department of Chemical Engineering

## Advertisement for the Post of Junior Research Fellow (Purely Contractual)

Date: 01/05/2023

Applications are invited from highly motivated and eligible candidates for **01 (One) position of Junior Research Fellow** in the research project in the Department of Chemical Engineering, MNIT Jaipur funded by the Science and Engineering Research Board (SERB).

Project Title: “**Design and Development of Energy Efficient Microchannel based Solvent Recovery Unit for Fermentation and Active Pharmaceutical Ingredient (API) Production**”

Principal Investigator (PI): **Dr. U. K. Arun Kumar**

Co-Principal Investigator (Co-PIs): **Dr. Rajeev Kumar Dohare and Dr. Amit Kumar Singh (NIT Calicut)**

The minimum essential and desirable qualifications for the project posts are as follows:

Name of the Post	<b>Junior Research Fellow (JRF), One (01)</b>
Essential Qualification	<b>P.G. Qualification:</b> First class with not less than 60% aggregate (or) not less than 6.5 CGPA on a 10-point scale in M.E./M. Tech. degree with specializations in Chemical Engineering / Biotechnology / Petroleum Engineering / Energy or Environmental Engineering or equivalent degree in related stream <b>AND</b> <b>U.G. Qualification:</b> First class with not less than 60% aggregate (or) not less than 6.5 CGPA on a 10 point scale in B.E./B.Tech. in Chemical Engineering/ Biotechnology/Petroleum Engineering or equivalent degree in related stream <i>*Candidates pursuing M.Tech./M.E. or equivalent degree in related stream and are likely to complete the program by June 2023, may also apply.</i>
Duration	Initially for a period of one year and can be extended up to completion of the project based on the performance
Fellowship	Rs. 31,000/- PM + HRA as per project norms.
Desirable	<ul style="list-style-type: none"><li>• Candidates with the GATE qualification will be given first preference.</li><li>• Candidates with knowledge of software like COMSOL/ANSYS Fluent is desirable.</li><li>• Selected candidates shall be encouraged to register for PhD at MNIT Jaipur in the Department of Chemical Engineering as per the PG regulation.</li></ul>
Nature of Appointment	The position is purely on a contract basis, with the initial appointment for a period of one year from the date of joining, extendable up to 3 years (the project duration) subject to the satisfactory performance of the individual.
Application Procedure	<b>Interested candidates</b> may fill in the application given in Annexure 1 and along with your CV forward them to the following e-mail, <a href="mailto:ukarunkumar.chem@mnit.ac.in">ukarunkumar.chem@mnit.ac.in</a> before <b>May 30, 2023</b> , with the title, “Application for Junior Research Fellow (JRF) in SERB Project-Chemical Engineering”.

**Instructions:**

1. Appointed candidate will be placed at the Malaviya National Institute of Technology Jaipur, and an appointment will be made purely on a temporary basis initially for a period of one year and can be extended up to the completion of the project based on the performance. The contract will also include a one-month notice period wherein if the candidate selected wants to discontinue the project, he/she will have to inform the PI one month in advance, and in case the PI is not satisfied with the performance of the candidate, he will need to inform them one month prior to termination of the contract.
2. The shortlisted candidates will be communicated by email to appear in further screening and selection processes. **No TA/DA will be paid for attending the interview.**
3. In case of any unavoidable circumstances, the date of the interview might be changed, which shall be notified on our institute website [www.mnit.ac.in](http://www.mnit.ac.in), or through email.
4. Candidates appearing for interviews should send scanned copies of certificates, mark sheets, and testimonials.
5. Any queries related to the above post must be addressed to: Dr. U. K. Arun Kumar, Email: [ukarunkumar.chem@mnit.ac.in](mailto:ukarunkumar.chem@mnit.ac.in).

**Dr. U. K. Arun Kumar (PI)**

Assistant Professor

Department of Chemical Engineering

MNIT Jaipur, Rajasthan

Copy forwarded to:

1. Webmaster MNIT Jaipur with the request to publish on the Institute Website.
2. Head, Dept of Chemical Engineering for information.

Annexure 1

**MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR**

**Department of Chemical Engineering**

Jawaharlal Nehru Marg, JAIPUR-302017, INDIA

Website: <http://www.mnit.ac.in>

**Application Form for Recruitment of JRF**

<p><b>FOR OFFICE USE ONLY:</b></p> <p>Serial Number: _____</p> <p>Eligible for Interview: YES/NO</p> <p>Checked the certificates: _____</p>	<p><b>Paste here your latest Photo</b></p>
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**Science & Engineering Research Board (SERB), DST, Govt. of India** sponsored research project entitled of “**Design and Development of Energy Efficient Microchannel based Solvent Recovery Unit for Fermentation and Active Pharmaceutical Ingredient (API) Production**”

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.....
5. Educational Qualifications\*

Class	Specialization	Board/University	Name of Institution	Marks/CGPA	Year of Passing/Completion
X					
XII					
Graduation					
Post- Graduation					
GATE Certificate					
Any other certificate/achievements/awards etc.					

\* Attach Self-attested Photocopies of all certificates/award from Class X onwards.

4. Experience (Detail): Attach Separate sheet if required.

Organization	Designation	Duration	Responsibilities

5. Total Experience (in years).....

6. Publications : (Attach separate sheet if required)

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

7. Workshop/Training programs attended (number only).....

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

S. No	

9. Declaration: All the above information provided by me is true to the best of my knowledge and I understand that, if found incorrect, I may be disallowed to appear in the interview/test.

Signature of the Candidate

Date:

Place: