

**Department of Chemical Engineering  
Indian Institute of Technology Roorkee**

Advt. No. CHED/PDF/09/2022/1

Dated: 12<sup>th</sup> September 2022

**ADVERTISEMENT FOR THE POSITION OF A POST-DOCTORAL FELLOW**

The Department of Chemical Engineering, Indian Institute of Technology (IIT) Roorkee invites applications from the outstanding candidates for a **post-doctoral position** under the mentorship of **Prof. Prateek Jha** to work on a project entitled “**Studying drug diffusion in multiresponsive, multi-layered polymeric materials for applications in oral and ocular delivery**”.

The last date of submission of the application is **11<sup>th</sup> October 2022**. Department intends to fill the said position by **1<sup>st</sup> November 2022**.

**Minimum Qualification and Experience:**

Ph.D. in Chemical Engineering or related disciplines with a research background in the area of molecular simulations and/or computational fluid dynamics.

Candidates who have recently submitted their Ph.D. thesis are also eligible to apply subject to the condition that they have to provide the proof of the award of Ph.D. degree at the time of interview if shortlisted.

**Duration of the Fellowship and amount:**

The duration of the fellowship will be for two years and extendable by one more year based on the performance as well as the requirements of the project. The candidate is expected to join the department as soon as the offer letter is issued. The fellowship including the contingency grant of the position is as below.

First & Second Year: Rs. 55,000/- per month

Third Year: Rs.60,000/- per month

The contingency of Rs. 50,000/- per annum will also be awarded.

**How to Apply:**

Candidates can apply with a cover letter, curriculum vitae, list of publications, research statement, description of past research experience, and future research plans arranged in a single PDF file named as “**Candidate Name\_Institute of Ph.D. Degree\_Year of Ph.D.**” by sending the PDF file via e-mail and/or hard copy to the following address.

Head

Department of Chemical Engineering

Indian Institute of Technology Roorkee

Roorkee - 247667

INDIA

Email: [head@ch.iitr.ac.in](mailto:head@ch.iitr.ac.in) and copy to [prateek.jha@ch.iitr.ac.in](mailto:prateek.jha@ch.iitr.ac.in)

The advertisement number Advt. No. CHED/PDF/09/2022/1 should be mentioned in the subject line of the application.

**Notes:**

- (i) Postdoctoral fellow (PDF) will be registered as IIT Roorkee students for availing all the facilities of accommodation, hospital, medical insurance scheme, computer center, library, sports, etc.
- (ii) The candidate called for discussion/interview will be reimbursed Bus/Train (2<sup>nd</sup> AC) fare from their place of residence/work and back by the shortest route within India on the production of train/bus tickets with PNR number.

or

Interview/discussion will be conducted online.

**About the Research Group**

Please browse the following links:

<https://www.iitr.ac.in/~CH/Prateek Jha>

**About the Department**

Please visit <https://www.iitr.ac.in/~CH>

**About the Institute**

Please visit <https://www.iitr.ac.in/>

Head

Department of Chemical Engineering

प्रोफेसर एवं अध्यक्ष / Prof. & Head  
रासायनिक अभियांत्रिकी विभाग  
Department of Chemical Engineering  
भारतीय प्रौद्योगिकी संस्थान रुड़की  
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