

Department of Polymer and Process Engineering
Indian Institute of Technology Roorkee, Saharanpur Campus
Saharanpur-247001, Uttar Pradesh, India

Advt. No.: 01/337/IPDF/DPPE/2024

Dated: 20/02/2024

Advertisement for Post-Doctoral Fellowship Position

The Department of Polymer and Process Engineering of the Indian Institute of Technology, Roorkee (Saharanpur Campus) invites applications from outstanding and enthusiastic researchers for a post-doctoral position under the mentorship of Prof. Gaurav Manik, at the Department of Polymer and Process Engineering focused on **“In-depth Modelling, simulations and optimization of parabolic trough solar collectors and integration with energy-intensive industrial processes for meeting process heat requirements through sustainable solar energy”**.

Required Qualification/ Specialization:

- B.Tech, M.Tech, PhD in Chemical Engineering/ Chemical Technology/ Energy Engineering/ Process Engineering/ Mechanical Engineering/ Polymer Science & Engineering/ Production Engineering/ Instrumentation and Control/ Electronics & Communication/ or equivalent/ related areas.
- Knowledge/ Experience in process modelling/ simulation/ computing is preferable.

Vacancy: 01 Position

Duration and Fellowship:

The duration of the fellowship will be 02 Years, extendable by one more year. The fellowship amount is Rs. 55,000/- per month for the first two years and Rs. 60,000/- per month for the third year and a contingency amount of Rs. 50,000/- per year will be awarded to the Postdoctoral fellow (PDF).

Last date for the submission of application is **19/03/2024**.

How to apply:

Candidates should clearly mention Advt. No. and date with the title of the position applying for with a cover letter, curriculum vitae, three reference letters*, list of publications (highlighted with the most relevant publication(s) for the post), a research statement describing past research and plans for future research in the context of the focus for which the post is being advertised (mandatory) all in a single PDF file by e-mail, to:

Prof. Gaurav Manik, Professor
Dept. of Polymer and Process Engineering,
Indian Institute of Technology Roorkee, Saharanpur Campus
Saharanpur-247001,
Uttar Pradesh, India

Email: gaurav.manik@pe.iitr.ac.in , gauravmanik3m@gmail.com

Phone: +91-0132-2714340 (office); Mo: +91-9690434000

*Please ask three experts in your research area for sending their reference letters directly to the above mentioned email IDs.

N.B:

- i. Post-doctoral fellows will be registered as students and may avail facilities of library, computer centre, available hospital facilities, etc. Depending upon the availability, they may get shelter accommodation also (on payment basis). They will be entitled to 2.5 days leave per complete calendar month. No carry forward for leave will be allowed beyond a calendar year. PDF positions are purely temporary. The benefits applicable to permanent employees like LTC, and PDA are not applicable.
- ii. The screened candidates will be called for an interview preferably offline.

For more details, please visit:

<https://iitr.ac.in/Departments/Polymer%20and%20Process%20Engineering%20Department/Home.html>