

DEPARTMENT OF CHEMICAL ENGINEERING
INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

Advt. No. ChED/PDF/1481

Dated: 17-10-2025

ADVERTISEMENT FOR POSTDOCTORAL FELLOWSHIP POSITION

The Department of Chemical Engineering at the Indian Institute of Technology Roorkee invites applications from outstanding and enthusiastic researchers for a postdoctoral position under the mentorship of **Prof. Deepak Kumar Ojha** on "Design and Demonstration of Electrochemical Molten Salt-Based Process for Green Ammonia Synthesis"

Last date for submission of application is **10 Nov. 2025**

The prospective candidate is expected to have a strong background in the area of battery and fuel cell with relevant experimental skills. The candidate should be passionate about working on cutting-edge research, leading to high-impact publications. Apart from research activities under the above project, the candidate will be entrusted with other academic responsibilities, including mentoring undergraduate and M.Tech students, participating in research discussions, and other activities as deemed fit by the PI.

Essential qualifications:

- Ph.D. in Chemical Engineering/Chemistry/Physics/Mechanical Engineering/Metallurgy & Material Science or other relevant discipline from any of the premier institutes of the country.

Desirable qualifications:

- The candidate should have completed the PhD thesis in chemical engineering.
- The candidate is expected to have design and engineering experience.
- The candidate is expected to have experience of operation of electrochemical cells and characterization systems.
- The candidate is expected to have a good understanding of mass/energy balances and chemical reaction engineering.

Duration and Fellowship:

The duration of the fellowship will be 10 months. The candidate is expected to join the department as soon as the offer letter is released. A consolidated fellowship of Rs. 80,000 per month will be awarded to Post-Doctoral Fellows.

Application procedure:

A cover letter, detailed CV with list of all publications and experience (in single file) should be sent to dojha@ch.iitr.ac.in. The subject line of the email should be 'Application for post of I-PDF'

For any information related to the fellowship the candidate can contact:

Dr. Deepak Kumar Ojha

Department of Chemical Engineering,
Indian Institute of Technology Roorkee,
Roorkee -247667

Email: dojha@ch.iitr.ac.in ; Phone: 01332-284945 (office)

Notes:

All the postdoctoral fellows (PDF) will be registered as IIT Roorkee students for availing the facilities of accommodation, hospital, medical insurance scheme, computer centre, library, sports etc.

Dr. Deepak Kumar Ojha
17/10/25
विभागाध्यक्ष/H.O.D.
रासायनिक अभियांत्रिकी विभाग
Dept. of Chemical Engineering
भा० प्रौ० सं० रुड़की/I.I.T. Roorkee
रुड़की/Roorkee-247 667 (INDIA)

डॉ० दीपक कुमार ओझा
Dr. Deepak Kumar Ojha
सह-प्राध्यापक / Associate Professor
रासायनिक अभियांत्रिकी विभाग
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Dr. Deepak Kumar Ojha
17/10/2025