

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 **15th May 2024**

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 online Gas Chromatography and IR based techniques.
- The candidate is expected to have a good understanding of mass/energy balances and chemical reaction engineering.

*Candidates who have recently submitted their thesis are also eligible to apply subject to the condition that they should furnish the proof of the award of a Ph.D. degree at the time of interview.

Duration and Fellowship:

The duration of the fellowship will be 2 years extendable by one more year. The candidate is expected to join the department as soon as the offer letter is released. A consolidated fellowship of Rs. 55,000 per month for the first 2 years and Rs.60,000 per month for the third year; Contingencies of Rs. 50,000 per annum will be awarded to Post-Doctoral Fellows.

Application procedure:

Candidate should apply online by filling the google form <https://forms.gle/mqyYFYpTqm7snf6p8>.

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

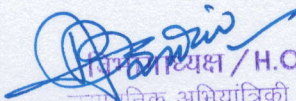
Head,

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

Email: head@ch.iitr.ac.in with a copy to 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.


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