

Advertisement for the post of Postdoctoral Fellow in the Department of Civil Engineering, IIT Hyderabad

04 June 2026

Applications are invited from candidates with a *good academic background* and *excellent mathematical skills* for the *research project* entitled, ‘*Modeling Flow and Contaminant Transport through Membrane-based Water Filtration Systems*’ in a purely time-bound manner undertaken in the Department of Civil Engineering, IIT Hyderabad.

This is a rolling advertisement with no last date for application. Applications will be invited till suitable candidate is found. Details are as follows:

Name of the post	Postdoctoral Fellow
Number of vacancies	1
Title of the research project	Modeling Flow and Contaminant Transport through Membrane-based Water Filtration Systems
Description of the job	Developing mathematical models to simulate fluid flow and contaminant transport through different types of membrane-based water filtration systems, such as ultrafiltration, nanofiltration, and reverse osmosis membranes
Appointment period	6 months, extendable to 1 year (renewal will be done every six months, subject to satisfactory performance and continued funding availability)
Remuneration	INR 50,000 per month
Essential qualifications	<ul style="list-style-type: none">➤ PhD in Hydraulics/Water Resources/Chemical/Mechanical Engineering/Physics/Mathematics/Hydrogeology/allied areas from a recognized university➤ Previous research experience in working with numerical models for solving fluid dynamics/contaminant transport problems

- Eligible applicants should send the following documents via email to seetha@ce.iith.ac.in with the subject of email as “**Postdoc application**”:
 1. Latest CV with photograph
 2. Scanned copy of degree certificates and grade sheets/ transcripts of all degrees
 3. Statement of Purpose

- Candidates will be shortlisted for an interview based on merit, and the need of the project, and the shortlisted candidates will be informed via email.
- Shortlisted candidates will be called for an online interview.
- The selected candidate is expected to join immediately.

For any queries, please contact the PI of the project:

Dr. Seetha N.

Associate Professor

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Telangana

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