

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

1 July 2026

Applications are invited from candidates with *good academic background* and *excellent mathematical skills* for the *research project* entitled, ‘*Fate and transport of nanoatrazine in soil and its implication on soil-plant interaction: Laboratory and field investigations*’ in a purely time-bound manner undertaken in the Department of Civil Engineering, IIT Hyderabad. Details are as follows:

Name of the post	Junior Research Fellow (JRF)
Number of vacancies	1
Title of the research project	Fate and transport of nanoatrazine in soil and its implication on soil-plant interaction: Laboratory and field investigations
Description of the job	<ul style="list-style-type: none"> • Perform laboratory column experiments and lysimeter experiments • Data analysis and interpretation • Develop mathematical models to simulate the transport behaviour of nanoatrazine in soil • Preparation of technical reports, journal publications, conference presentations, and project documentation • Assist in project management and laboratory activities
Sponsoring agency	Anusandhan National Research Foundation (ANRF)
Appointment period	<p>a) 3 months, extendable to 3 years (renewal will be done every three months, subject to satisfactory performance and continued funding availability)</p> <p>b) There is an option for the selected candidate to enroll for a PhD in the same project, depending on the candidate's performance and the institute's norms.</p>
Remuneration	<p>Years 1-2: INR 37,000 per month + HRA</p> <p>Year 3: INR 42,000 per month + HRA</p>
Application Deadline	16 July 2026
Essential qualifications	<p>First class Bachelor’s degree (B.Tech/B.E) in Civil / Water Resources /Chemical/allied areas from a recognized university</p> <p>AND</p> <p>First class Master’s degree (M.Tech/ M.E) in Hydraulics / Water Resources/Hydrology/Hydrogeology/Chemical/Environmental/Earth Sciences/Agriculture/allied areas from a recognized university</p>
Desirable qualifications	<ul style="list-style-type: none"> ➤ Strong mathematical, analytical, and programming skills ➤ Previous experience in studying flow and transport through porous media

	➤ Previous experience in modeling and simulation
Age limit	30 years

- Eligible applicants should send the following documents via email to seetha@ce.iith.ac.in with the subject of email as “**JRF DST**”:
 1. Latest CV with photograph
 2. Scanned copy of degree certificates and grade sheets or transcripts for both bachelors and masters
 3. Proof of date of birth
 4. Statement of Purpose
 5. Contact details of two academic/professional referees
- Candidates will be shortlisted for an interview based on merit and the need of the project, and 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

Department of Civil Engineering

Indian Institute of Technology Hyderabad (IITH)

Kandi, Sangareddy – 502284

Telangana

Email: seetha@ce.iith.ac.in

Webpage: <https://sites.google.com/iith.ac.in/seetha/>