

## **Applications Invited for Post-Doctoral Research Fellowship**

**Position** – Post-Doctoral Research Fellow (Tailing Coal to Coal Slurry) under CLEANZ CoE

**Type of Position** – The position is for one year, with an extension subject to performance through a review process.

**Fellowship** – Consolidated pay Rs. 70,680 to Rs 84,500 per month (including HRA) based on post-doc experience

**Experience** – Ph.D. (Degree Completed)

**Eligibility** –

- Ph.D. in Chemical Engg (mandatory)
- Extensive experience with ‘Computational Fluid Dynamics (CFD)’ research (mandatory).
- Publications in Scopus indexed journals will have an added advantage.
- Candidates who have previous experience in designing and developing experimental &/or computational setups are preferred
- The candidate should have good academic records throughout and good writing/communication skills.
- Candidates should not have published in Predatory Journals.

**Job Description** –

- Support in design and development of a pilot scale facility primarily for ‘Tailing coal to Coal-Slurry’ process
- Computational exploration in the area of Coal-Slurry
- Working both solo and with a team
- Technical analysis, computational and other facility creation, smooth project execution within the timelines and related activities.
- Report preparation, article/patent writing and lab management, implementation at TRL5/6 level
- Possible involvement any other Coal slurry related topics under the CLEANZ

**Performance Matrices** –

- IP generated, papers published, working solo and as a team member, project administration-execution-coordination, performance review

**Expected Outcomes** – IP, publications, Scalable Technology

**Domain Areas of Interest Include** –

1. Coal & related domains
2. Chemical/Process Engg as a whole

**How To Apply** –

- Candidates, who fulfill the eligibility criteria, should apply through email to [saptarshi@che.iith.ac.in](mailto:saptarshi@che.iith.ac.in) by **5:00 pm, 30.05.2026** mandatorily with a subject ‘**Postdoc Application in CLEANZ Project: Tailing to Coal Slurry**’ [Email should contain the following: **a> Application, b> Brief CV [max 4 pages] with educational qualifications, research domains, Ph.D topic & short abstract (max. 200 words), publication references, Google scholar link (preferred), 2 References for Recommendation Purposes (if need arises)**]

**Selection Procedure** –

- Candidates will be shortlisted based on their eligibility criteria, academic record, and relevant experience.
- Only shortlisted candidates will be intimated through email for the interview by the selection committee
- Merely meeting the criteria may not guarantee a call for an interview
- The position will be left vacant and a new advertisement with an extended date will be given if no suitable candidate is found.

**Other criteria** –

- Accommodation will not be provided by CLEANZ
- Accommodation in IIT HYDERABAD will be subjected to availability (without HRA component as per norms).
- Please note that the position is on-site & within IIT Hyderabad campus.