

Applications Invited for Post-Doctoral Research Fellowship

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

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 85,000 per month (including HRA) based on post-doc experience

Experience – Fresh Ph.D. (at least provisional degree certificate awarded)/ preferably with some post-doc Experience

Eligibility –

- Ph.D. in Chemical Engg or Chemical Tech./Mech Engg.
- B.Tech/B.E degree in Chemical Engg or Chemical Tech./Mech Engg.
- Experience with ‘waste to wealth’ research.
- Experience with experimental research and techniques.
- Publication in Scopus indexed journals will have an added advantage.
- Candidates who have previous experience in designing and developing experimental 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 –

- Design and development of a pilot scale facility primarily for ‘Tailing coal to Coal-Slurry’ process; coal characterization and handling; analytical and laboratory techniques as well as set-up/facilities
- Working both solo and with a team
- Design of experiments/trials, technical analysis, experimental and related 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
3. Mechanical Engg. Related to processes

How To Apply –

- Candidates, who fulfill the eligibility criteria, should apply in the below email id by **5:00 pm, 15.06.2025**

saptarshi@che.iith.ac.in

Few Mandatory Requirements (Candidature will not considered in case of any omission in the following fields)

1. **Email Subject:** Application for Post-Doctoral Research Fellow (Tailing Coal to Coal Slurry) under CLEANZ CoE, IITH
 2. **Attach the biodata (Max. 4 page) in One Single PDF file**
 3. **Essentials inside the Biodata:** Academic Qualifications Starting from SSC to Latest
Professional Experiences till date
Scopus Indexed Publication References
Patent References (if any)
DOB, Marital Status, Current Location, Permanent Address
Ph.D. Topic/Title with abstract, Post-Doc Topic with abstract
3 Referees including Ph.D. Guide/Supervisor
- For more details about CLEANZ, please visit <https://cleanz.coe.iith.ac.in/index.html>

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 after Selection –

- 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.