

## **Applications Invited for Post-Doctoral Research Fellowship at IIT Hyderabad**

**Position** – Post-Doctoral Research Fellow (ChE/Coal beneficiation) under CLEANZ CoE

**Project Focus:** Beneficiation of Low-Grade Coals with Techno-Economical Analysis

**Type of Position** – The position is for eleven months, 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. with **BE/BTech/Equivalent** in Chemical Engg/Metallurgical Engg/Mining Engg or Ph.D. with **MSc in Geology /Applied geology** with relevant research/industrial experience related clean coal technology research.
- Publication in Scopus indexed journals will have an added advantage.
- The candidate should have good academic records throughout and good writing/communication skills.
- Candidates should not have published in Predatory Journals.

### **Job Description –**

- To develop a definite research product/outcome with TRL 5/6 Level.
- Review of relevant literature and coordinate the work with the team.
- Experience in handling experimental and pilot-plant facilities.
- Report preparation, article writing and lab management.
- Interaction with sponsored agencies, traveling for project execution (if needed) etc.

### **Performance Matrices –**

- IP generated
- Different approaches to solve real problems of Mineral industries /coal washeries.
- New knowledge/ technology solutions in Clean coal technologies

**Expected Outcomes** – IP, Scalable Technology, Research oriented technical minds, New application areas of CPS and start-ups.

**Domain Areas of Interest Include –**

1. Chemical Engineering-Particulate Technology
2. Coal beneficiation
3. Mineral Processing
4. Clean coal technology-Environmental remedies
5. Processing Engineering-Design
6. Computation techniques (CFD/DEM)
7. Coal geology
8. Mineral & Coal Characterization

**How To Apply –**

- Candidates, who fulfill the eligibility criteria, should apply through the link given below and apply at the earliest
- **Link for application form** <https://forms.gle/5oBSt22r4FFtvnnX9>
- For more details, 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 –**

- 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.