

## Applications Invited for Post-Doctoral Research Fellowship

**Position** – Post-Doctoral Research Fellow (ECBMR) 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. 72,800 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 B.Tech./M.Tech equivalent in Chemical/Mechanical/Instrumentation/Materials/Metallurgical engineering.
- Publication in Scopus-indexed journals will have an added advantage.
- Candidates who have previous experience in designing and developing experimental setups are preferred
- Candidates who have worked on ECBMR or gas permeation studies are preferred
- Diffusion and/or adsorption modeling can be an added advantage
- The candidate should have good academic records throughout and good writing/communication skills.

### **Job Description**

- Design and development of an experimental setup for measuring gas permeation on coal
- Determination of CO<sub>2</sub> uptake and CH<sub>4</sub> displacement in the presence of water
- Report preparation, article writing and lab management.

### **Performance Matrices**

- IP generated, papers published, review performance

**Expected Outcomes:** IP, Scalable Technology, papers

### **Domain Areas of Interest Include –**

1. ECBMR

2. Gas permeation, adsorption, mechanical properties, diffusion

### **How To Apply**

- Candidates who are interested are requested to apply by filling this form: <https://forms.gle/Kn5XLQhAQJpNP5wt7> before **5:00 pm, 21.07.2025**
- For more details, please visit <https://cleanz.coe.iith.ac.in/index.html>
- Candidates may contact Dr. Deepu J. Babu ([deepu.babu@msme.iith.ac.in](mailto:deepu.babu@msme.iith.ac.in)) for more details.

### **Selection Procedure**

- Candidates will be shortlisted based on their eligibility criteria, academic record, and relevant experience
- Only shortlisted candidates will be informed 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 the IIT Hyderabad campus.