

## Applications Invited for Post-Doctoral Research Fellowship

**Position** – Post-Doctoral Research Fellow (low grade coal to activated carbon for targeted applications) 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 85,000 per month (including HRA) based on post-doc experience

**Experience** – Fresh Ph.D. (Thesis submitted)/ preferably with some post-doc Experience

### **Eligibility –**

- Ph.D. in Chemical Engg/Material science and engineering or Ph.D. in Chemistry with relevant research/industrial experience related to coal characterization, carbon materials synthesis, characterization and their targeted application.
- 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 –**

- Design and process development for low grade coal to activated carbon and its targeted applications,
- Characterization of coal and carbon materials, independent operation and maintenance of characterization facilities in CLEANZ.
- Working both solo and with a team; mentoring of postgraduate and PhD scholar.
- 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 in any other coal to value added products 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 and carbon materials
2. Chemical Process design and development
3. Chemical engineering/Material science and engineering/Chemistry related to coal and carbon materials

**How To Apply –**

- Apply by Filling this Form: <https://forms.gle/6dyf5zBTtpvAt5Pq5>
- Candidates who fulfill the eligibility criteria should apply through the link given above

**On or before 20.06.2025**

- For more details, please visit: <https://cleanz.coe.iith.ac.in/index.html>
- Contact **Dr. Debaprasad Shee** (dshee@che.iith.ac.in) for any query.

**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.