

Applications Invited for Post-Doctoral Research Fellowship

Position – Post-Doctoral Research Fellow (Coal Supply Chain Optimization) 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. in **Supply Chain Optimization / Operations research / Industrial Engg / Combinatorial Optimization** with **BE/BTech/Equivalent** in Chemical Engg/Metallurgical Engg/Mining Engg/Mechanical Engg/Electrical Engg/Computer Sc and Engg/Applied Mathematics
- Relevant research/industrial experience related to clean coal technology preferred.
- 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.
- Report preparation, article writing and lab management.
- Interaction with sponsored agencies, traveling for project execution (if needed) etc.
- Formulation and solution of Coal Supply Chain optimization problem

Performance Matrices –

- IP generated
- Different approaches to solve real problems of Coal or other Supply Chains.
- New knowledge/ technology solutions in Clean coal technologies

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

Domain Areas of Interest Include –

1. Algorithms for Single / Multi-objective Optimization
2. Mixed Integer Non-linear Programming
3. Supply Chain Optimization
4. Modeling Uncertainty
5. AI / ML to handle optimization and uncertainty

How To Apply –

- Apply Here: <https://forms.gle/8TyFqEeeeS4pyoB48>
- Candidates, who fulfill the eligibility criteria, should apply through the link given above by **5:00 pm, 21.07.2025**
- 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.