

Applications Invited for Post-Doctoral Research Fellowship

Position – Post-Doctoral Research Fellow (Coal Supply Chain Optimization using AI) 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. 75,400 to Rs 79,300 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 –

Essential Qualifications:

- Ph.D. in **Artificial Intelligence / Generative AI** with **BE/BTech/Equivalent** in Chemical Engg/Metallurgical Engg/Mining Engg/Mechanical Engg
- At least 3 publications in Scopus indexed journals will be required.
- Candidates should not have published in Predatory Journals.

Desirable Qualifications

- Relevant research/industrial experience related to Advanced AI/Generative Modelling and clean coal technology preferred.
- The candidate should have good academic records throughout and good writing/communication skills.

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 using AI / Generative Modelling of coal data problems.

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 using AI and start-ups.

Domain Areas of Interest Include –

1. Forecasting with AI
2. Generative Modelling with AI
3. AI / ML to handle Coal supply chain optimization
4. Modeling Uncertainty in coal supply chain using Generative AI

How To Apply –

- Apply Here: <https://forms.gle/Weck6LkvRvWCYQ8B7>
- Candidates, who fulfill the eligibility criteria, should apply through the link given above by **5:00 pm, 10.09.2026**
- 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 the IIT Hyderabad campus.