

Curriculum Vitae

1. Personal Information

- Name : **Anand Anupam**
- Date of Birth : 8th September, 1989
- Address : Department of Fuel and Mineral Engineering, Indian School of Mines, Dhanbad, Jharkhand, INDIA. Pin – 826004.
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2. Educational Qualifications

Sl. No.	Examination Passed	Department	Institute	OGPA
1	M. Tech. (Material Technology)	Fuel and Mineral Engineering	Indian School of Mines, Dhanbad	8.47 (Gold Medal)
2	B. Tech. (Mineral Engineering)			

- **Ongoing: Ph.D.**

Ph.D thesis title is “Effect of feed characteristics on the performance of Industrial Dense Medium Cyclones” under the guidance of Prof. S. Bhattacharya, Department of Fuel and Mineral Engineering, Indian Institute of Technology (Indian School of Mines), Dhanbad.

Status: Thesis preparation

3. Experience

Organisation	Period	Position	Theory Subjects
Department of Fuel and Mineral Engineering, Indian School of Mines, Dhanbad	July 2012 to Present	Assistant Professor	<ul style="list-style-type: none">• Current<ul style="list-style-type: none">○ Gravity Separation of Coal and Minerals (FMC 14101)○ Coal Beneficiation (FEC 51102)○ Comminution and Classification (FMC 14101)○ Electronic and Magnetic Materials (FME 51101)• Past<ul style="list-style-type: none">○ Coal Preparation (FMC 16101)

			<ul style="list-style-type: none"> Fuel Technology and Mineral Processing (FMC 18105)
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4. **Present Research**

- Assessment of Effect of Feed Characteristics on Performance of Dense Medium Cyclones

5. **Research Projects (Externally Funded)**

S. No.	Project Title	Funding Agency	Value (Rs.)	Status
1	Development of a New Float-Sink Test Apparatus and Validation	TEQIP-II, World Bank (Through ISM)	1 lakh	Completed
2	Effect of feed characteristics on the performance of Dense Medium Cyclones treating metallurgical coal	Department of Science and Technology, GOI	21.47 lakhs	Ongoing

6. **Publications**

• **SCI**

- Anupam, A., Bhattacharya, S., de Korte, G.J., 2017. Effect of feed size and size distribution on the performance of dense medium cyclones: A critical review. Int. J. Coal Prep. Util. 1–22. doi:10.1080/19392699.2017.1390457
- Jyoti, D., Bhattacharya, S., Anupam, A., Saxena, V.K., 2015. Washing of Low Volatile Coking (LVC) Coal: Is That Difficult? Trans. Indian Inst. Met. 68, 649–660. doi:10.1007/s12666-014-0495-3

• **Others**

- BB Mandal, S Bhattacharya, A Anupam, PK Jain. “Vibration exposure of workmen of coal preparation plants-an exploratory study”, Noise & Vibration Worldwide Volume 45, Issue 7, 1 July 2014, Pages 21-31
- A Anupam, and S Bhattacharya. "Effect of Feed Characteristics Upon the Performance of Industrial, “Dense Medium Cyclone: What Literature Says", CPSI Journal, (Coal Preparation Society of India) 5, no. 11 (2013): 203
- Anand Anupam, Ashish Agarwal and Nikkam Suresh, “Studies on Application of Dense Medium Cyclones for Beneficiation of –2mm +0.1mm Size range Coal Obtained from an Open Cast Mine of Jharia Coalfields, India”, XXVI International Mineral Processing Congress (New Delhi) – 2012, pp 215-222
- Anand Anupam, John Samuel Thella, S N Gurulaxmi, Asim Kumar Mukherjee and Nikkam Suresh, “Characterisation Studies of -1.0mm Coal Fines of West Bokaro Collieries”, XII International Seminar on Mineral Processing Technology (Udaipur) – 2011, PR20
- A Anupam, G Singh, P K Raghav & N Suresh, “Studies on Beneficiation of BHQ Samples by Different Methods”, XI International Seminar on Mineral Processing Technology (Jamshedpur) – 2010, pp 572-582

• **International Conference Presentation**

- Anupam, A., Bhattacharya, S. & De Korte, G. J 'Effect of feed characteristics on the performance of dense medium cyclones: a literature review', Presented at the Society for Mining, Metallurgy & Exploration (SME) Annual Meeting and Exhibit, 19-22 February 2017, Denver, USA (2017).

7. Major Consultancy Assignments*

S. No.	Consultancy Title	Client	Year of commencement	Value (Rs.)
1	Technical feasibility studies on recovery of uranium bearing mineral(s) from the tailings of HCL, Mosabani Plant	Uranium Corporation of India Limited	2014	16.98 lakhs
2	Audit of coal handling plant of Southern Generating Station, CESC Kolkata	CESC Limited	2014	7.86 lakhs

8. Other Responsibilities (Departmental)

- FIC[†] (BTech and DD Placements)
- FIC (Exam. and Acad.)
- Faculty Advisor (2nd and 3rd year – BTech and DD)
- FIC (International Relations and Alumni Affairs)

9. Organisational Experience

- Xstrata Flotation Workshop (8-9 December, 2012) – Organising Committee member
- Life Cycle Assessment Workshop (4-5 April, 2014) at ISM, Dhanbad – Organising Committee member
- International Seminar on Mineral Processing Technology (10-12 October, 2018) – Organising Committee member

* As Co-Consultant In-charge

† Faculty In-charge