



1. Name: **Uday Sankar Chattopadhyay**

2. Date of Birth: 20/01/1965

3. Current Position and Address: Principal Scientist, Coal Preparation Division, CSIR-CIMFR, Digwadih, Dhanbad. Email: udaycfri97@rediffmail.com, 9431746760 (with E-mail & Phone no.)

4. Educational qualifications: (Graduation and above)

Sl. No.	Degree/Certificate	Year of Passing	University/Institute	Subjects
i	B.Sc(H)	1987	Burdwan Univ	Geol(H), Math, Chem
ii	M.Sc.Tech	1990	Indian School of Mines, Dhanbad,	Appl Geol, Mining,
iii,	M.Tech (P.Exp)	1992	Indian School of Mines, Dhanbad	Pet Exp, Drilling,
iv.	M.Tech(Mnl Engg)	1997	Indian School of Mines, Dhanbad	Mineral Engg, Coal Prep

5. Work experience

Designation	Institution/company	From	To	Nature of work
i Sct B	CFRI, Dhanbad	1997	2002	R&D on Coal Preparation
ii Sct.C	CFRI, Dhanbad	2002	2007	R&D on Coal Preparation
iii Sct.EI	CFRI, Dhanbad	2007	2012	R&D on Coal Preparation
iv Sct.EII	CSIR- CIMFR, Dhanbad	2012	Till Date	R&D on Coal Preparation

6. Area of specialization: Coal Preparation, Coarse and Fine Coal Beneficiation, Computer application in Coal Preparation, Simulation and Optimization of Coal washing data.

7. Honors/Awards received:

8. Fellowships/Scholarships:

9. No. of Research Publications:

- Papers in journals:
- In conference proceedings:
- Invited/key-note addresses:
- List of best 05 publications:

Effect of washing high ash Indian Non-Coking coals on combustion	International Journal of Coal Preparation and Utilization, Volume 32, Issue 2 , 2012	U S Chattopadhyay, K.M.P. Singh, T. Gouri Charan & D D Haldar	International Journal
Cleaning Potentialities Of Some	International Journal of	Vol. 2, No. 2,	U S

Thermal Coals Of Odisha On Its Burning Behavior	Engineering research and Science & Technology ISSN:2319-5991	May 2013, PP 77-84	Chattopadhyay, A Mukherjee, K M P Singh, S K Kabiraj and T Gouricharan
Performance evaluation of a 10 tph flotation plant treating Indian coking coal fines	International Coal Preparation Congress - Turkey	October' 2013	U.S. Chattopadhyay, T.Gouricharan, R.Venugopal
Beneficiation of high-ash, Indian non-coking coal by dry jigging	Minerals & Metallurgical Processing USA Vol. 28, No. 1	Feb' 2011	T. Gouri Charan U.S. Chattopadhyay K.M.P. Singh, S.K. Kabiraj D.D. Haldar
Performance of 20 T/H Baum Jig Treating High Ash Indian Non Coking Coal	CPSI Journal, Volum-3 Number-5, National Journal	July -2011	T. Gouri Charan, U.S.Chattopadhyay K.M.P. Singh, K.M.K. Sinha, K.K. Sharma & D.D. Haldar
Technical Evaluation of an operating mini flotation plant - A Case Study	CPSI Journal	Volume - 6 Number - 16 November - 2014 23	U.S.Chattopadhyay T. Gouri Charan & R.Venugopal

10. Number of Books authored/edited: Nil

11. (a) No. of Patents granted/applied for: Nil

(b) Technologies developed, Licensed and/or commercialized: Nil

12. Foreign visits: NIL

13. Details of Professional memberships: Life Member of MGMI, India,
Life Member of IIME, India,
Life Member of IIM, India.
Associate Member of Institute of Engineers.

14 . Major contributions: (Max. 150 words)

R & D Studies on the cleaning potentialities of coking, non coking coals through detailed washability investigations followed by development of relations between characteristics ash and density. Development of conceptual flow sheets based on the washability investigations. Detailed R&D studies on the LVC coals of Eastern Sector, Jharia Coalfields were carried out (Laboratory/Bench Scale/Pilot Plant) and a flow sheet was developed. R & D studies on coking coal fines and washery rejects. Sampling of indigenous and imported coals and Standardization of Auto Mechanical Samplers.

15. Technologies and Products/ Services

- (i) Developed:
- (ii) Licensed:
- (iii) Commercialized:

16. Designs and Prototype Developed:

17. Honours and awards won for technological contributions or sociological impact of R&D:
Signature