

List of publications of Dr. Anindya Sinha (as Author/ Co-author):

Sl. No	Publication Details (Author's Name, Title of the Paper, Journal Name, Volume, No., Year of Publication, Page No.)
1.	Anindya Sinha; A Heat Balance Study in Road Header Headings in Moonidih Colliery; Thesis/Dissertation for fulfilment of B.Tech (Mining) Degree, IIT (ISM), Dhanbad, March 1984 Thesis Guide: Prof. SP Banerjee
2.	Anindya Sinha; A Computer Application in Prediction of Mine Climate; Thesis/Dissertation for fulfilment of M.Tech (Mine Planning & Design) Degree, IIT (ISM), May 1986 Thesis Guide: Prof. SP Banerjee
3.	Anindya Sinha, Bernard Nowak; Dynamic mathematical model of temperature and humidity of air in blind heading galleries ventilated by forcing duct ventilation (in Polish language); Archives of Mining Science, Cracow, Poland, 1994
4.	Anindya Sinha, Bernard Nowak; Variation of temperature and humidity of air in dog heading gallery ventilated by forcing duct ventilation (in Polish language); Archives of Mining Science, Cracow, Poland, 1995
5.	Anindya Sinha, Bernard Nowak; Temperature and humidity of air in mine galleries with auxiliary exhaust ventilation (in Polish language); Archives of Mining Science, Cracow, Poland, 1995
6.	Anindya Sinha, Bernard Nowak; Specification of microclimate parameters in mine galleries with auxiliary exhaust ventilation (in Polish language); Archives of Mining Science, Cracow, Poland, 1996
7.	Anindya Sinha; Variation of Temperature and Humidity of Cooler Air in Mine Dog Heading Galleries ventilated through Leaky Duct Lines; Thesis/Dissertation for fulfilment of D.Sc (Technical Sciences) Degree in Mine Ventilation and Air Conditioning, University of Mining & Metallurgy (AGH), Krakow, Poland, Jan. 1996 Thesis Guide: Prof. Bernard Nowak, AGH, Krakow, Poland
8.	Anindya Sinha, Bernard Nowak; Variation of temperature and humidity of air in airways ventilated by direct ventilation with installed air cooler; 6 th International Mine Ventilation Congress, Pittsburg, 1997
9.	Anindya Sinha, JK Prasad, Utpal Roy; Underground Coal Mining – a Millennium Vision; Journal of The Institute of Engineers (India), Volume 82, August 2001
10.	NC Jha, Dr. Anindya Sinha; Mining Planning and Economics; Proceedings of 5 th Coal Trans Conference, 2006, New Delhi
11.	Dr. Anindya Sinha; Mechanization of Underground Coal Mines – A Techno-economic Overview; Proceedings of National seminar on “Mechanization of Underground Coal Mines – Challenges and Technical Options”, 2006, Bilaspur

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12.	SR Ghosh, Dr. Anindya Sinha; Productivity Benchmarking of Underground Coal Mines – An Approach; Proceedings of 2 nd Indian Mineral Congress and Exhibition, 2007, Dhanbad
13.	SR Ghosh, Dr. Anindya Sinha; Standardization of Man and Machine Productivity in Underground Coal Mines; Proceedings of World Confederation of Productivity Seminar, June 2007, Missouri
14.	Ashok Kumar Das, Dr. Anindya Sinha; Energy Benchmarking for Ventilation in Underground Coal Mines; Proceedings of 9 th International Mine Ventilation Congress, 2009, New Delhi
15.	Dr. Anindya Sinha, SatishKumar Sinha; Coal Mine Methane – Reaping Rewards; Proceedings of 9 th International Mine Ventilation Congress, 2009, New Delhi
16.	Dr. Anindya Sinha; Underground Coal Mining: Technology-wise Financial Analysis; Proceedings of 22 nd National Convention of Mining Engineers and National Seminar on Challenges in Development of Mining Blocks to meet National objectives”, The Institution of Engineers (India), Mar.2011, Ranchi
17.	Dr. Anindya Sinha; Steep Seam Coal Mining in Spain: An Experience Sharing; Proceedings of Seminar conducted by MGMI Ranchi Chapter, Mar. 2012, Ranchi
18.	Dr. Anindya Sinha; Technological Issues in Coal Sector; Proceedings of Mining Exploration Convention and Trade Show, Mining MAZMA 2012, Aug. 2012, Bengaluru
19.	Dr. Anindya Sinha, Jayant Chakravarty, Prasoon Kumar Sinha; Opportunities and Challenges in North Karanpura Coalfield of CCL; Proceedings of National Seminar on “Challenges and Opportunities in Exploration & Mining of Coal”, Society of Geo-Scientists, Jun. 2013, Ranchi
20.	Dr. Anindya Sinha, Bratin Basu; Prospects of Enhancing Productivity in Slim-hole Exploratory Drilling through Technical Measures; Proceedings of National Seminar on “Challenges and Opportunities in Exploration & Mining of Coal”, Society of Geo-Scientists, Jun. 2013, Ranchi
21.	Dr. Anindya Sinha; Perspective of Planning & Design for Sustainable and Inclusive Growth in Mining Sector – A case Study; Proceedings of National seminar, IEI, Jun. 2014, Ranchi
22.	Dr. Anindya Sinha; New Technology Requirements in Coal Sector; Proceedings of 4 th Annual Conference on Mining Technology in India : Emerging Requirements, New Challenges and Best Practices; Indian Infrastructure, April 2015, New Delhi
23.	Binay Dayal, Dr. Anindya Sinha, Ashish Das; Coking Coal as Raw Material in the Indian Steel Industry – A Way Forward; Proceedings of 30 th National Convention of Metallurgical and Materials Engineers & National Seminar on Challenges & Opportunities to produce 300 MTPA Steel – 2030 (COPS 2017); The Institution of Engineers (India), Jan. 2017, Ranchi

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24.	Dr. Anindya Sinha; Challenges for sustainable Development of Mining Industry to Meet Energy Security of the Country; Proceedings of 28 th National Convention of Mining Engineers & National seminar on “Challenges for Sustainable Development of Mining Industry to Meet Energy Security”(MIES 2017), IEI, Feb. 2017, Ranchi
25.	Dr. Anindya Sinha; Optimum Utilization of Coal for Sustainable Development of the Energy Sector; Proceedings of Conference on Energy Sustainability, July 2017, New Delhi
26.	Dr. Anindya Sinha, Ashish Das, Pritiranjana Singh, Dayamoy Garai; Application of Precise Initiation System and Artificial Neural Network in Open Pit Coal Mine for Controlled Blasting Method; Proceedings of 7 th Asian Mining Congress & Exhibition, Nov. 2017, Kolkata
27.	Dr. Anindya Sinha; Indian Coal sector – Challenges and Way Forward; Proceedings of 7 th Annual Conference on Mining Tech. in India, 2018, New Delhi
28.	Dr. Anindya Sinha; Indian Coal sector – Challenges and Way Forward; Proceedings of 18 th Coal Trans Conference, 2019, New Delhi
29.	Dr. Anindya Sinha; Indian Coal sector – An Outlook; 8 th Annual Conference on Mining Technology in India, Mar. 2019, New Delhi
30.	Dr. Anindya Sinha; Indian Coal sector – An Overview; Proceedings of International Workshop on Optimum Utilization of CMM/CBM in India; April 2019, Ranchi
31.	Dr. Anindya Sinha Indian Coal Sector: Balancing Environment & Energy Sustainability; Proceedings of Conference on Mining Technology in India, Jun. 2019, New Delhi
32.	Dr. Anindya Sinha; Prospects of Underground Coal Gasification (UCG) in India; Proceedings of International Workshop on UCG, Ministry of Coal, Nov. 2019, New Delhi
33.	Dr. Anindya Sinha; Indian Coal Sector towards diversified usage of coal; Proceedings of 10 th World Petro Coal Congress 2020; Feb. 2020, New Delhi
34.	Dr. Anindya Sinha, P.D. Rathi, Pradeep Kumar, Nandan Kumar Choudhury; SARAS-NCL's approach towards Innovation and Sustainable Development through Scientific Research; Proceedings of 3 rd International Conference on Opencast Mining & Sustainability (ICOMS), Jan. 2021, Singrauli
35.	Dr. Anindya Sinha, Prof Arif Jamal, Shiv Raj Singh Environmental Externality for Economic Evaluation of Coal Mining projects; Proceedings of 4 th International Conference on Opencast Mining & Sustainability (ICOMS), Dec. 2021, Singrauli
36.	Dr. Anindya Sinha, P D Rathi, Nandan Kumar Choudhury, Pradeep Kumar; Converting Waste to Resource – Way to Sustainable OC mining in NCL; Proceedings of 4 th International Conference on Opencast Mining & Sustainability (ICOMS), Dec. 2021, Singrauli

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37.	Dr Anindya Sinha, P D Rathi, Nandan Kumar Choudhury, Subodh Kumar Bhakat, Abhyudaya Saxena, Samprit Bose; Prospecting the implications of UAVs in Mining Industry; Proceedings of 4 th International Conference on Opencast Mining & Sustainability (ICOMS), Dec. 2021, Singrauli
38.	Dr Anindya Sinha, Sayeed Ghori, Suman Sourabh, Rajen Mech, Devang Dave; Examination of discomfort level from blasting vibrations: Case study of NCL Mines; Proceedings of 4 th International Conference on Opencast Mining & Sustainability (ICOMS), Dec. 2021, Singrauli
39.	Dr. Anindya Sinha, Satish Jha, Himanshu Wadhwani; Dump Management in NCL mines to accommodate Multistage Expansion with Ever-increasing Stripping Ratio; Proceedings of 5 th International Conference on Opencast Mining & Sustainability (ICOMS), April 2023, Singrauli
40.	Dr. Anindya Sinha, Suchandra Sinha, Manish Tiwari; Coal to Energy paradigm redefined: 'green' is the new 'black'; Proceedings of 5 th International Conference on Opencast Mining & Sustainability (ICOMS), April 2023, Singrauli
41.	Dr. Anindya Sinha, Suchandra Sinha, COAL treads the path of CO2 reduction on its journey of climate transition risk mitigation: 'Green' is the new 'Black'; Proceedings of 1st International Conference on "Mine Ventilation & Environment for Green Mining (MVEGM 2024)", December 2024, Puri.