

LIST OF PUBLICATIONS OF DR. K.K.CHATTERJEE

List of books authored

1. An Introduction to Mineral Economics: Wiley Eastern/ New Age, New Delhi, 1993, 2004
2. A Grammar of Management in Indian Government Offices: New Age, 2005
3. Uses of Energy Minerals and Changing Techniques: New Age, New Delhi, 2006
4. Uses of Metals and Metallic Minerals: New Age, New Delhi, 2007
5. Uses of Industrial Minerals, Rocks and Freshwater: Nova Science Publishers, New York, 2008
6. Lectures and Thoughts on Mineral Economics: Nova Science Publishers, New York, 2010
7. Minerals, Mines and Environment in Human life: National Book Trust, 2012 (under publication)
8. Repertory of Uses of Metals, Minerals and Rocks (under review)

Technical papers:

1. "Petrology of ball coals from the Raniganj and Jharia Coalfields – orientation, petrography, shape and origin" – read in the seminar held in March, 1968 at Nagpur University, Abstract published in the proceedings of the Seminar.
2. "Petrology of ball coals from the Raniganj and Jharia Coalfields – mode of occurrence, distribution and size analysis" – read in the seminar held in March, 1968 at Nagpur University – Abstract published in the proceedings of the Seminar.
3. "Lingam – a new type of coal structure" – published in Fuel, Lond., Vol. XLVII, July, 1968.
4. "Reflectance of ball coals" – published in Fuel, Lond. Vol. XLVIII, July, 1969.
5. "Petrology of Permian ball coals from the Raniganj and Jharia Coalfields, India" – published in Neues Jahrbuch fur Geol Paleont. Mh., October, 1969.
6. "Lower Permian coal balls from Raniganj Coalfields, India" – read in International Gondwana Symposium held in January, 1970 at Aligarh Muslim University.
Also published in Neues Jhehrbuch fur Geol. Paleont. Mh., July, 1971
7. "On the origin of ball coals" published in Journal of Sedimentary Petrology, September, 1971.
8. "Eye coals from the Raniganj and Jharia Coalfields" Abstract published in the proceedings of Indian Science Congress, 1973.
9. "Analysis of the gradewise distribution of gypsum deposits in India" – published in Journal of Mines, Metals and Fuels, Vol.XXIV, No.9, September, 1976.
10. "Analysis of the quality-wise regional distribution of haematite ore in India: - read in the symposium held in May, 1976 at Bangalore University. Paper published in Iron & Steel Review, Vol. XX, No.4, September, 1976.

11. “A new scheme of classification for clay” – read in the All India Seminar on Clays held in December, 1976 at Trivandrum under the auspices of GSI, Kerala Circle.
Published in Metals & Minerals Review, January, 1978, Vol.XVII, No.2, P.33-44.
12. “Analysis of the quality-wise distribution of talc deposits in India” – published in Journal of Mines, Metals and Fuels, Vol. XXVI, No.3, March, 1978.
13. “Categorisation Curve – A new concept in exploration” – published in Metals & Minerals Review, Vol. XVII. No.3, February, 1979, P.64-67.
14. “Mineral Resources of the Himalayan region and their prospect” – read in Himalayan Geology Symposium held at the Department of Geology, Punjab University, Chandigarh in January, 1981.
15. “Mineral Exploration – Economic Considerations” – published in Metals & Minerals Review, Vol. XXI, No.10, September, 1982, P.248-252.
16. “Potentiality of Small Deposits of Some Important Minerals in M.P. – Maharashtra Region and Policy Options” – read in the Regional Seminar on Small Mineral Deposits, Their Development and Industrial Possibilities, organised by the MGMI and held at Nagpur on 4.11.1985.
17. “Mineral Inventory – Economic Significance and Some practical problems” – Read in the Diamond Jubilee National Symposium at Department of Applied Geology, Indian School of Mines, Dhanbad, July 3 and 4, 1987 (also published by Hindustan Publishing Corporation, New Delhi in Vol.14 of “Recent Researches in Geology”).
18. “Conditional Resources of Minerals –Waste or Asset?” – read in Regional Seminar of MGMI at Nagpur on 12.8.1988.
19. “Utilisation of Chromite and Nickel Resources of India in Global Context” – Read in the Symposium on Chromium and Nickel, organised by the Society of Geoscientists and Allied Technologists, at Puri (Orissa), January, 20 and 21, 1990.
20. “Export Potentiality of Bauxite in Gujarat” – Published in Souvenir of Mineral Conservation – 1990, Western Region of Gujarat Mineral Industry Association, Ahmedabad.
Also published in Mineral and Mining World, Jaipur – February, 1991.
21. “Mineral Availability System – An Overview”, Journal of Mining Geologists’ Society of India.
22. “Status of Waste Utilisation in Indian Mineral Industry” – World Mining Congress Proceedings, 1994, Sofia.
23. “National Mineral Inventory” – The Indian Mining & Engineering Journal Vol. 33, No.2, February, 1994.
24. “Importance of Mineral Production for the Growth of Economy in India” – read in the Seminar on ‘Minerals in the Economy of India’, held on January 24-25, 1996 at Bangalore under the auspices of the Institution of Engineers (India), Karnataka State Center, Mining Engineering Division.

25. "Fiscal Policy Options for Ores and Minerals" – published in Minerals & Metals Review, November, 1996, p.43-48.
26. "Role of Mineral Economics Division in Indian Bureau of Mines", M.P. Chronicle, Bhopal, January, 12, 1997.
27. "Environmental Impact of Mechanisation in the Mineral Sector" – Mine Environment & Mineral Conservation Week Souvenir, Nagpur Region, Indian Bureau of Mines, 1998-99.
28. "Liberalisation of Mining Sector – The Unfinished Agenda" – Read in the Seminar 'Indian Mineral Industry – A Perspective', Ministry of Steel & Mines, Department of Mines, 6-8 August, 1998, Nagpur, and published in the Proceedings of the Seminar.
29. "Export Prospects of Granite in India" presented in the CAPEXIL Export Awareness Seminar held in May, 2000 at Udaipur.
30. "Export Prospects of Selected Indian Minerals & Rock" presented in the CAPEXIL Seminar on "Prospects & Potential of Mining Industry with reference to Export", held in July, 2000 at New Delhi.
31. "Market Survey of Minerals by IBM" presented in the International Conference on Mining & Marketing of Minerals, organised by MGMI in July, 2000 at Calcutta (Kolkata).
32. A comparison and correspondence between existing mineral classification system of India and United Nations Framework Classification System – read in the Seminar on Implementation of UNFC for reserves/resources: Solid Fuels and Minerals in the Indian Ocean Rim Countries, 23-24 November, 2000 held under the aegis of United Nations Economic Commission for Europe (UNECE), Ministry of Mines of the Government of India, and Federation of Indian Mineral Industry at Agra. Published in its proceedings.
33. "Mineral Resources of Jharkhand and their Economic Potentiality", presented in the Seminar on Jharkhand Mineral Resources in Indian School of Mines, Dhanbad in December, 2000.
34. "Imperatives for Attracting Investment and Technology in the Indian Mining Sector", presented in the International Conference on 'India Minvest 2001', organised by FIMI in February, 2001 at Panjim, Goa.
Published in Bulletin on Iron & Steel, Vol. II, Issue 10, Oct., 2002, Kolkata, p. 10-23. Also updated version under publication in Resource Policy, U.S.A. in 2003.
35. "Mining Policy to Promote Exports of Natural Stones and Related Products", presented in the Seminar on 'Emerging Export Opportunities of Indian Natural Stones and Products Thereof', organised by CAPEXIL and C-DOS in September, 2001 at Kota, Jodhpur and Udaipur.
36. "Impact of United Nations Framework Classification System on Indian Iron Ore Resource Inventory" – read in the Seminar on 'Prospects of Indian Iron Ore' organized by FIMI – 10-12 December, 2001 at Thiruvananthapuram (Kerala).
37. "Relevance of Small Mines in Liberalized & Globalised Economy" – A Key note address delivered in the National Seminar on 'Policies, Statutes and Legislation in Small & Medium Mines (Postale 2002) jointly organized by CMRI, NISM and DGMS on January 5-6, 2002 at Dhanbad (Jharkhand).

38. “Can Mining Boost Tourism?” Mines & Metals Review, Vol. XXVIII, No.4, April, 2002.
39. “Indian Mineral Industry: Past, Present & Future”, presented in International Seminar, organized by Mining Engineers Association, Tamil Nadu, Chapter in May, 2002, at Thiruvananthapuram.
40. “Mineral Economics in India – Need for Specialised Human Resource Base” presented in National Seminar on ‘Indian Mining – Problems and Prospects’, organised by Mining Engineers Association, Nagpur Chapter in December, 2002 at Nagpur, Maharashtra.
41. “Domestic vs Imported Coal in India – Policy Options” presented in National Seminar ‘India Mining Summit – 2003’, organised by FIMI, in Feb., 2003 at Ranchi, Jharkhand.
Under publication in J. Mines, Metals & Fuels in 2003.
42. “Development of Indian Mining Sector: Role of Mineral Economics & Contribution of Mineral Economics Division of Indian Bureau of Mines”, Journal of Mines, Metals & Fuels, 2003.
43. “Adoption of UNFC System and its Application to Solid Mineral Commodities – Indian Experience”; Proceedings of seminar on UNFC application to energy and mineral resources organizes by UNECE, Moscow., April, 2003.
44. “Demand Forecasting in India – Mineral Raw Materials with Case Study on Granite”; 19th World Mining Congress, New Delhi, India, November, 2003.
45. Environment-friendly Coal; South Asian Association of Economic Geologists, Nagpur chapter, Nagpur, Oct., 2005 (Presented by K.K. Chatterjee).
46. “Economics and Trade of Gems and Gemstones”, National Seminar on Gemmology, Feb 27-28,2006, Bhopal; South Asian Association of Economic Geologists.
47. “From Exploration to Resource Evaluation – System and Approach in India.; National Seminar on Evaluation of Mineral Resources of India, March 2-4,2006; South Asian Association of Economic Geologists and the Department of Geology of Andhra University.
48. “Changing Trend of Mineral Development and Role of Geoscientist”, Proceedings of the International Conference on New paradigms of Exploratiopn and Sustainable mineral Development: Vision 2050, Indian geological Congress & Indian School of Mines; 2011
49. “Two Ends of Exploration—Geology-Geography Interface”; National Conference on recent Researches in Earth System Science; Asutosh college, Kolkata, 2012
