



KUMAR, T.S. Suresh
Consultant & Faculty (Mineral Exploration)
Formerly Chief of Geology, Tata Steel
Formerly Dy CEO, ACC Rio Tinto JV

T.S. SURESH KUMAR possesses 37 years of experience in Prospecting, Exploration, Mining geology & Mine Planning for key minerals viz Iron, Coal, Chromite, Manganese, Limestone and Industrial minerals. Started career as geologist from ACC Ltd, Mumbai and then deputed to ACC Rio Tinto JV as Dy CEO for Exploration of precious minerals Diamond, Gold, Copper and Base metals etc. in India. Later joined Tata Steel Limited to Head the Geological Division and superannuated on 1st July 2017.

He is Former Member, Board of Studies-Geology, ISM, IIT Dhanbad. He is life member Geological Society of India, Association of Exploration Geophysicists and Mining Engineers Association of India. He has published and presented 12 papers in National and international seminar and scientific journal covering Exploration, Mining geology and Mine planning.

He guided in designing application of different geophysical techniques in prospecting of different mineral commodity for exploration programs and evaluated mineral property in terms of resource compliance with UNFC classification. He has carried out due diligence of mineral property of mineral commodities mainly Iron, Coal, Chromite, Manganese and Limestone. He has guided in reconciliation of quality (Predicted vs actual), Run of Mine vs Product quality realized from beneficiation plants. He has guided in working out Long /medium term operational plan in compliance with Life of Mine as well as assisted Mine Planning team for conceptualizing life of Mines study and on exhausting of resources leading to mine closure. He has also developed competency frame work for Geologists (Exploration Geologist /Mining Geologist /Mine Planning geologist) as part of career development. He has also guided in arranging hydro geology & Geotechnical studies for an operating mine.