



Protect Climate, Earth and Environment

CEHESH TRUST OF INDIA AWARD for Excellence in Geo exploration, 2023



Citation in favour of Dr. Israil Khan

Dr. Israil Khan was born to Shri. Ibrahim Khan and Smt. Basiran Bibi and hails from the Kujhla village, Tehsil: Jajpur, Dist: Jajpur, Odisha state. Dr. Israil Khan, had an excellent academic record with M.Sc (Geology) from Utkal University, Bhubaneswar and Ph.D (Ore Geology) from IIT(ISM), Dhanbad, Jharkhand.

Dr. Israil Khan had an illustrious career as a geologist, first with the National Aluminium company Ltd (NALCO) (A Govt. of India Enterprise) and subsequently with Geological Survey of India (GSI). During his 27 years of professional and research experience in the field of mineral exploration and ore geology (1996-2024), he worked diligently and excelled in various roles and presently working as Director (Geology), Geological Survey of India, Bhubaneswar. Through his unwavering dedication and sincere efforts, Dr. Khan established himself as an eminent exploration geologist and proficient techno-administrator. His expertise lies in exploration data inventory, Short Term and Long Term mine planning, sampling, resource estimation through geostatistical methods and quality control assessment in Asia's Largest Bauxite Mine (Panchpatmali Bauxite Mine) operated by National Aluminium company Ltd. Dr. Khan is known for his exceptional combination of professional excellence, extensive research contributions, and strong academic acumen. **His meticulous exploration strategy and research studies in Rajasthan has led to the discovery of multi-metal (Cu-Au-Ag), semi-concealed deposit at Mundiawas-Khera in Rajasthan having 40.73 Mt of Cu ore, 3.98 Mt of Au ore and 2.73 Mt of Ag ore. Conceptualized and initiated Exploration for strategic and critical mineral in the state of Odisha after a gap of 40 years in Singhbhum copper belt and after 35 years in Eastern Ghats and formulated Regional Mineral Targeting project to identify enhanced mineral potential blocks for further exploration through integration techniques. His active involvement and able supervision has also led to the establishment of significant critical mineral resources of indicated category (approx. 39.36 Mt copper with associated gold, nickel, cobalt and silver, cumulative strike length 4415 m of the ore body) in the concealed Madansahi-Kesharpur-Dudhiasol sector, Mayurbhanj district, Odisha. His deep geological understanding of the critical minerals and establishment of huge resource has brought the state of Odisha to a respectable position in the base metal map of India. Modified exploration strategy adopted by his able guidance and leadership in a tricky highly deformed terrain in EGMB belt, Bolangir sector has led to establish thick zones of manganese, graphite and anomalous Vanadium concentration with first time discovery of potential zones of Rhodochrosite in the country.** He is also the author of numerous reports, research papers and write ups published in both national and international journals. He was Member of various important committees in Ministry of Mines, Govt. of India. His scientific knowledge and expertise in Mineral Exploration have augmented critical and strategic mineral resources of the country. In recognition of his outstanding work, **Dr. Khan has received numerous awards including the prestigious "National Geo-Science Award 2013" from the Ministry of Mines, Government of India, Sitaram Rungta Memorial Award, 2021 from Society of Geoscientist and Allied Technologist (SGAT); K. R. Gupta Award, 2015 by Geological Society of India etc. as well as fellowships of important professional academic bodies like GSI, IGC, SGAT etc.** Dr. Khan has expressed his heartfelt gratitude to CEHESH TRUST OF INDIA, Keonjhar, Odisha, the distinguished members of the jury, and the esteemed trustees of the CEHESH TRUST OF INDIA for bestowing this prestigious honor upon him. Greetings from CEHESH TRUST OF INDIA for the spectacular achievement of Dr. Khan. May success and enthusiasm be with him always. Wish him Good Luck!



B. Mishra

DR. B. MISHRA

On behalf of CEHESH TRUST OF INDIA