



Dr. K.S.V. Subramanyam

Smt. Manthripragada Sita Devi - Sri Rama Rao Medal

Dr. K.S.V. Subramanyam (born on 30th June 1970) obtained B.Sc., degree (Mineral Beneficiation, Geology and Chemistry) in 1992 from S.D.S(A). College of Arts and Applied Sciences, Sreeramnagar, Garividi, Vizianagaram District affiliated to Andhra University, M.Tech., degree in Applied Geology from Dr. Hari Singh Gour University (presently a Central University), Sagar, Madhya Pradesh in the year 1995 and awarded Ph.D degree for Geochemical (incl. PGE) studies on the mafic plutonic rocks occurring to the east of Cuddapah Basin from the Department of Applied Geochemistry, Osmania University in 2014. He joined CSIR-CIMFR (erstwhile CFRI) in 1997 and Geochemistry Division of CSIR-National Geophysical Research Institute in 2008. During this tenure he has contributed to the field of coal characterization and resource quality assessment of virgin coal blocks; beneficiation studies of non-coking coals their suitability for power generation. He undertook sponsored projects from coal beneficiation companies in Chhattisgarh for value addition to non-coking coal washery rejects/tailings by adopting/suggesting suitable beneficiation techniques. At CSIR-National Geophysical Research Institute, Hyderabad, he participated in Indian Ocean expedition in collaboration with NIO-NCAOR for the characterization of Afanasy-Nikitin seamount cobalt crusts and has contributed in the field of Analytical Geochemistry for studies related to REE, trace and Ni-Cu-PGE mineral exploration and geochemistry in environmental perspective also. He has been closely associated with method development for analysis of geochemical samples through acid digestion and Geochemical application of High Resolution-Inductively Coupled Plasma Mass Spectrometry and in Earth Sciences. During 2012, Dr. Subramanyam was the only one onboard scientist -Inorganic Geochemistry from India who participated in Integrated Ocean Drilling Programme Expedition-340 ‘‘Lesser Antilles Volcanism and Landslides’’ from San Juan (Puerto Rico, USA) to Curacao (Dutch Netherlands) with an objective to constrain geochemical evolution of the Intraoceanic Island Arc between Caribbean plate and subducting Atlantic Plate. The results are published in International high impact factor SCI journals.

Dr. Subramanyam’s current research work pertains to studies on petrology and geochemistry of mafic/ultramafic complexes, Precambrian/Proterozoic greenstone belts with special reference to platinum group elements (PGE) metallogeny. He was also an elected associate fellow of Andhra Pradesh and Telangana Akademi of Sciences since 2014 and a life member of South Asian Association of Economic Geologists (LM-250).