



**Dr. M. Sundararajan**

**Smt. Ketharaju Venkata Subbamma – Sri Subba Rao Medal**

Dr. M. Sundararajan is the Senior Scientist at the CSIR-National Institute for Interdisciplinary Science and Technology, Kerala, India. He did his B.Sc. in Geology from Madurai Kamaraj University, M.Sc. in Applied Geology from Annamalai University, M.Phil. in Geology from University of Madras and Ph.D. in Science from Anna University, India. Over the last decade, Dr. M. Sundararajan has been actively working on the Geochemistry and Mineralogy of beach sands especially the placer mineral deposits of Kerala and Tamilnadu. He has published 50 papers in peer-reviewed Journals, in books and Seminar/Conferences. The focus of his research work is mainly on mineralogy, geochemistry of beach minerals and their beneficiation, upgradation of Ilmenite to synthetic rutile and scaled up studies on metallization and rusting of low grade Ilmenites.

Dr. M. Sundararajan has been awarded the Young Scientist Award (Project) 2009-10 by the Department of Science and Technology (DST) to investigate potential Beach placers along the southern coast of Tamil Nadu. Based on the meritorious works and contribution he has been awarded Rashtriya Gaurav Award by the IIFS Society in Nov 2011. He is a Fellow of Geological Society of India (FGSI) 2011, Fellow of Society of Earth Scientists (FSES) and Fellow of Mineralogical Society of India (FMS).

Dr. M. Sundararajan has been nominated as one of the members of Editorial Advisory board of Journal of Hydrocarbon, Mines and Environmental Research (JHMER), He is a reviewer for many International and National Journals and a recognized Research Guide of University of Kerala and Anna University Chennai and presently guiding one DST-JRF research scholar for his Ph.D program. He is also an Assistant Professor at the Academy of Scientific and Innovative Research (AcSIR) where he teaches course works to many Ph.D. students. He is also an examiner for Ph.D. evaluation of research scholars from many state and central Universities.

The output of his project viz; the scientific survey of Ilmenite at different locations in India can be made use of by titanium mineral industries of this region. The information on the Economic feasibilities of beneficiation of new deposits will be useful to the entrepreneurs. The flow sheet developed by him for beneficiation of silica sands of Gujarat will be helpful in making of special grade glass by Indian glass industry. Up gradation of Ilmenite to synthetic rutile (A new technology has been developed by him for the production of synthetic rutile).