



Dr. D.S. Suresh Babu



Dr. D. S. Suresh Babu has post graduated from the University of Kerala in 1984 and received doctoral degree from the Moscow Geological Prospecting Institute, Russia in 1990. Dr. Suresh Babu joined CESS in 1994 as Scientist and continuing till date. His thirty years of professional experience in different fields of coastal zone research pertains to tropical, subtropical and arid environments. During his career, he worked abroad for about a decade, in Russia (1986-90), Brazil (2000-02) and Saudi Arabia (2008-12) and carried out R&D projects in the fields of mineralo-chemical investigations of placer minerals, water resources evaluation, groundwater modeling, coastal zone management and EIA studies. During his tenure in the institute, Dr.Babu has compared the three major beach-placer deposits of India and brought out their key differences, primarily for characterizing and grading raw minerals in the value addition process. Further, he initiated investigations on the phenomenon of 'Submarine Groundwater Discharge' in the west coast of India and computed quantum of discharge in selected segments. He organized three national level conferences, one 10-day long International workshop (IGCP-514 in 2007), and a three week long training program on Groundwater modelling in 2006, sponsored by DST, Govt. of India.

Dr.Babu completed fifteen R&D projects funded by various agencies in India and abroad as Principal Investigator. He participated in two multi-institutional international projects including the programs supported by TWAS, Italy and ILTP, DST, Govt. of India. He was instrumental in establishing two laboratories namely XRD (2004) and SEM (2016) in the institute and collaborated as Investigator in various in-house and externally funded research programs. There are over thirty publications in referred journals to his credit. He has edited two books and presented several conference papers in India and abroad. He is a recognized research guide of University of Kerala as well as Cochin University of Science and Technology and has supervised four candidates for the award of doctoral degree. He was also a Member of National Working Group (NWG) of IGCP-523 on "Global ground water network for best practices in groundwater management in developing countries". He is Life Member of Nuclear Track Society of India, Bombay (LM-115), Indian Institute of Remote Sensing (L-1442) and Indian National Cartographic Association (LM-1641).

Dr. D. S. Suresh Babu is awarded Certificate of Merit for his outstanding contributions in the field of Geosciences.