

National Mineral Awards – 2007

Groundwater Exploration (including project development, hydrogeological studies and management of groundwater resources)

Dr. Nandipati Subba Rao, Professor, Andhra University, Visakhapanam has carried out extensive hydrogeological and hydrogeochemical studies in the different parts of Andhra Pradesh. Using remote sensing techniques, he has developed a groundwater potential index that has been useful in delineation of groundwater resources in the hard rock terrains.

Prof. Rao's work on identification of suitable sites for rainfall harvesting at planning stage of watershed developmental programmes has also received wide recognition. He has also developed a mathematical model for assessment of groundwater quality and the causes and sources of its pollution. His suggestions on various remedial measures to improve the groundwater quality in rural and urban areas of Guntur, Anantapur and Visakhapatnam districts had lot of societal impact.

In recognition of his valuable contributions in the field of Groundwater Exploration through groundwater quality assessment and resource management, National Mineral Award - 2007 is conferred upon Professor Nandipati Subba Rao. He shares this award with Dr. Shivendra Nath Rai.