

## Dr. Anguluri Suryachandra Rao



Dr. Anguluri Suryachandra Rao is a senior Scientist at the Indian Institute of Tropical Meteorology, Pune. He obtained his Masters in Atmospheric and Oceanic Sciences from Andhra University, and pursued his Ph.D at National Institute of Oceanography, Goa. Dr. Rao worked as a senior scientific officer at Institute of Marine affairs (Trinidad and Tobago, West Indies) in 1998. He worked as

a postdoctoral fellow at Frontier Research Center for Global Change, Japan from 1998 to 2000. Thereafter he worked as a research scientist at the same Institute till end of 2007. In 2008, he joined IITM as Scientist-E and since then formed a small group of scientists to work on coupled model simulations and development. For the first time in India, the group led by Dr. Rao made seasonal prediction of Indian Summer Monsoon using a fully coupled general circulation model. Dr. Rao's research work greatly enhanced our understanding of coupled ocean-atmosphere dynamics in the tropical Indian Ocean. The role of coupled dynamics on Indian Summer Monsoon rainfall is clearly depicted in several of his works. He has published about 30 papers in international journals and currently working on improving simulations and prediction of Indian Summer Monsoon rainfall in coupled models. He leads the program on development of system for seasonal prediction of Monsoon at IITM.

Dr. Rao was awarded gold medal by Andhra University for his Ph.D thesis work on Rossby Waves in the Bay of Bengal in 1998. His works are highly cited for demonstrating the major role of oceans in persisting coupled ocean atmospheric dynamics in the tropical Indian Ocean. He received best poster award from Pacific Ocean Remote Sensing Conference in 2000. He also received FRCGC award in 2006, from Frontier Research Center for Global Change of Japan Agency for Marine-Earth Science and Technology for his outstanding research accomplishments.

Dr. Anguluri Suryachandra Rao is awarded Certificate of Merit for his outstanding contribution in the field of Atmospheric Sciences.