

INDIAN SOCIETY OF GEOMATICS



Prof. Kakani Nageswara Rao Endowment Young Achiever Award

CITATION

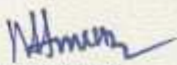
Dr. Kommireddi Chinni V. Naga Kumar, born on 22nd June 1983 at Gollaprolu Village, Andhra Pradesh, obtained his M.Tech. degree in Remote Sensing and GIS in 2009 awarded jointly by Andhra University, Visakhapatnam and Centre for Space Science and Technology Education in Asia and the Pacific (CSSTEAP), Dehra Dun and Ph.D. from Andhra University in 2014. He is currently working as Scientist-B, Geomatics Division at Centre for Water Resources Development and Management (CWRDM), Kozhikode, Kerala since August 2015.

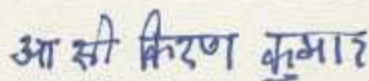


During his seven years of research career, Dr. Naga Kumar has significantly contributed to the Geomatics applications in the field of Coastal Evolution and Morphodynamics. He was part of the research team of SAC-PRACRITI and SAC-DMSP projects at Andhra University for which he prepared landform, land use/land cover maps and analysed the decadal trends in coastal erosion of Andhra Pradesh coast using high-resolution satellite imagery. He played a key role in extensive sediment core drilling program in the Krishna-Godavari delta region which has resulted in pioneering studies on the evolution of these deltas vis-à-vis sea level changes during the Holocene. His Geomatics analyses led to development of a coastal vulnerability index, assessment of the impact of climate change and sea-level rise on agriculture and impact of storm surges and tsunamis on Andhra Pradesh coast. His analysis based on time series satellite images coupled with core sediment facies recognition and AMS ¹⁴C dating helped in reconstructing the evolution and anthropogenic degradation of Kolleru Lake, the largest coastal freshwater wetland along the east coast of India.

Dr. Naga Kumar has published 11 research papers in high impact factor international and national journals which have already received great number of citations. He has also presented papers in a number of conferences and even received one best paper presentation award as well. He is a recipient of International Union for Quaternary Research (INQUA) Travel Grant under Young Research category for attending INQUA Congress held at Nagoya, Japan during 26 July – 2 August 2015.

IN RECOGNITION OF HIS OUTSTANDING CONTRIBUTIONS TO GEOMATICS APPLICATIONS IN COASTAL EVOLUTION AND MORPHODYNAMICS IN GENERAL AND HIGH-RESOLUTION GEOSPATIAL MAPPING, SEDIMENT STRATIGRAPHY, SEA LEVEL CHANGES, HUMAN IMPACT, PALEO-GEOGRAPHY AND PALEO-CLIMATE OF THE KRISHNA-GODAVARI DELTA REGION IN PARTICULAR, INDIAN SOCIETY OF GEOMATICS CONFERS THE "PROF. KAKANI NAGESWARA RAO ENDOWMENT YOUNG ACHIEVER AWARD", FOR THE YEAR 2016 ON DR. KOMMIREDDI CHINNI V. NAGA KUMAR.


(N.S. Mehta)
Secretary, ISG


(A.S. Kiran Kumar)
President, ISG

December 07, 2016
Dehradun