



Brief Bio-data of Dr. P P Nageswara Rao,

Pinnamaneni Peda **Nageswara Rao** got his BSc degree from Andhra University, M Sc, MPhil and Ph.D from Vikram University.

He joined the profession of remote sensing in early 1978 at National Remote Sensing Agency, Hyderabad (now ISRO's NRSC). During a short period (September 1980 to February 1982), he served as a Research Officer at Indian Institute of Technology (IIT), Kharagpur.

He joined the Indian Space Research Organization (ISRO) at its Headquarters in Bangalore in February 1982 and served in various capacities and contributed significantly towards establishment of National Natural Resources Management System (NNRMS). He served as Member Secretary of high level committees of NNRMS in the sectors related to agriculture and water resources. As member of many expert groups/committees, he has paved the way for institutionalization of space technology-based services in these sectors.

He served five years as **Head** of the Southern Regional Remote Sensing Service Centre (RRSSC) of ISRO during 1998-2003 and served as the **Project Director** for many projects of ISRO viz., i) Integrated Mission for Sustainable Development, ii) Agro-climatic Planning and Information Bank iii) Project GeoFARMS, a nation-wide joint project between IFFCO and ISRO, and iv) Project SILKS (Sericulture Information Linkages & Knowledge System) developed for Central Silk Board (CSB), Ministry of Textiles. All these projects have a substantial component of remote sensing and GIS.

He joined the North Eastern Space Applications Centre (NESAC), Shillong in July 2003 and as **Director** of that Centre he developed NESAC into a "Centre of Excellence" in the applications of space science & technology in addressing the developmental needs of north-eastern region of our country.

He was **Programme Director** of ISRO' Geosphere Biosphere Programme (IGBP) during June 2011 to February 2013.

He retired from ISRO as an **Outstanding Scientist** on 28th February 2013.

Since March 2013, he is serving as **Consultant**, Karnataka State Remote Sensing Applications Centre (KSRSAC) as well as a **Faculty Member**, Visvesvaraya Technological University Extension Centre run by KSRSAC, teaching the students of M.Tech (Geoinformatics). Concurrently, he has been serving as Honourary Professor at Karnataka State Rural Development and Panchayat Raj University, Gadag teaching the students of MSc (Geoinformatics). He is Chairman, Board of Studies (BOS) of the University.

He is **Chairman**, Technical Expert Committee, Planning Department, Government of Karnataka (GOK), advising them on improvements needed for generating accurate and timely estimates of crop production. He is also **Chairman**, Expert Committee, to study the market potential for geospatial technologies, constituted by GOK.

He has widely traveled serving as a Resource Person for the United Nations (UN) – Food & Agriculture Organization and UN -Economic Social Commission for the Asia Pacific.

He has more than 70 publications in peer-reviewed national and international journals and contributed chapters in a few books. He guided many MTech students and five PhD students.

He is a member of the Indian Society of Remote Sensing, Indian Society of Geomatics, Indian National Cartographic Association, and Astronautical Society of India.

He has been honoured thrice with the **ISRO's Team Excellence Award** in the year 2006, 2007 and 2008. He has been conferred **ISRO Merit Award** for the year 2008. He received the prestigious **Satish Dhawan Award** for the year 2009 from Indian Society of Remote Sensing.

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