

DR. T. CH. MALLESWARA RAO

Brief Bio-data

Dr. T. Ch. Malleswara Rao was an eminent scientist with more than 30 years of experience in research and development in the National Remote Sensing Center (NRSC), Department of Space (DOS), Government of India and held key positions in the technological development of several Remote Sensing space programmes in India.

Dr. Malleswara Rao is an early researcher and pioneer in India in the field of remote sensing satellites data processing and analysis for mapping and monitoring natural resources. He developed several software packages to operationally monitor land and ocean resources from remote sensing data.

Dr. Malleswara Rao has established and headed Applications Facility Group in NRSC comprising RS&GIS department, Informatics department and Digital Cartography Department having highly skilled technical professionals and several high-end RS&GIS data processing systems.

Dr. Malleswara Rao has widely traveled abroad: USA, Canada, Germany, France, Netherlands, etc., as a specialist in Remote sensing and GIS, and presented work in various forums.

He served as honorary consultant in setting-up remote sensing centers in several Central and State Government Organizations and Educational Institutions.

As an Advisor and Consultant, Dr. Malleswara Rao has helped several private organizations in establishing and projects execution including World Bank funded projects.

For Three Decades, Dr. Malleswara Rao has delivered lectures to various scientists and academicians belonging to different Central and State Government Organizations, Institutions and Universities in the country to promote Remote Sensing, GIS and Spatial Data Management in India.

To his credit, he contributed 13 articles to international journals & conferences, 26 articles in national journals & conferences and published articles in 5 Books.

Based on his notable individual achievements and contributions in the field of information processing, in particular remote sensing and image processing:

- 1. He is recognized and listed as information scientist and researcher in “WHO’s WHO in the World”, 15th edition, 1998, Marquis Who’s Who, USA.**

2. Awarded Decree of Merit and listed for outstanding contributions, International Dictionary of Biography, 27th edition, 1999, International Biographical Centre, Cambridge, England.

Dr. Malleswara Rao has directed and produced 5 Ph. D. degrees and presently guiding 1 Ph.D. students in the fields of image processing, Photogrammetry, computer vision, geospatial databases, cloud computing and embedded systems.

Dr. Malleswara Rao has served as member of board of studies of several universities and institutions and instrumental for designing syllabus for Masters Degrees in remote sensing.

More than two decades, he experienced as paper setter and examiner to post doctoral, doctoral and postgraduate examinations of several universities in the country.

Since last three years, as a Visiting Professor, Dr. Malleswara Rao is teaching Digital Image Processing & Pattern Recognition and Information Security to M. Tech. Students in various Engineering Colleges.

Dr. Malleswara Rao took his Doctoral Degree in Engineering, 1995 from Andhra University, Visakhapatnam, India, Masters Degree in Electronic Instrumentation, 1972, from Regional Engineering College (now NIT), Warangal, India, and Bachelors Degree in Electrical Engineering, 1969, Regional Engineering College, Warangal, India.

His research interests are Remote Sensing, Digital Image Processing, Pattern Recognition, Expert Systems, Virtual Reality Studies Applied to Remote Sensing, Digital Photogrammetry and Geospatial databases.