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| Name and Designation | MAREDDY ANJI REDDY Professor&Director,JNTUH. Kukatpally, Hyderabad, AP | |
| Qualification | M.Tech, Ph.D. | |
| Teaching Experience | 22 Years | |
| Area of Expertise | Environmental Geomatics,EIA,Remote sensing,GIS,GPS. | |

More Info: **Chairman**, AP state Expert Appraisal Committee

Ministry of Environment and Forest, Govt of India.

Research experience: 22 Years

Teaching experience: 22 Years

Total no. of Ph.D students guided: 22

Research projects completed:

Project Titles

- **Sedimentation and water quality problems and their remedial measures of Sriram Sagar reservoir using remote sensing techniques., Sponsored by Department of Science & Technology (DST), Ministry of Science and Technology, Govt. of India.**
- **Creation of Forestry Information System for Medak District of Andhra Pradesh state, India using IRS Satellite Data., Sponsored by Forest Department, Govt. of Andhra Pradesh.**
- **Land use / land cover mapping of Hyderabad city using remote sensing and GIS., Sponsored by Municipal Corporation of Hyderabad.**
- **Evaluation of Impacts of land use changes on Environmental Quality (air, water, soil and bio-environment) of Hyderabad and creation of Hyderabad Environmental Information System (HEIS) using Remote Sensing,**

- Geographical Information Systems and *In Situ* methods., Sponsored by Ministry of Environment and Forests, Govt. of India.**
- **Environmental aspects of Pennar River delta using Remote Sensing and GIS techniques., Ministry of Water Resources, Govt. of India.**
 - **Development of a method for Environmental Impact Assessment (EIA) of pipeline alignment surveys using remotely sensed data and GIS integration., Sponsored by University Grants Commission, Govt. of India.**
 - **Development of Decision Support System (DSS) for Identification of solid waste disposal sites in Hyderabad using Remote Sensing and GIS., Sponsored by All India Council for Technical Education.**
 - **Industrial pollution prevention project of Hyderabad district, Sponsored by Andhra Pradesh Pollution Control Board.**
 - **Creation of Maripeda Mandal Information System, Sponsored by DRDA, VELUGU Project, Government of Andhra Pradesh, Warangal.**
 - **Development of 1meter contour for HNSS (Package 35) Reservoir, Sponsored by RMN & GVR Joint ventures Engineers and Contractors, Hyderabad, Andhra Pradesh, India.**
 - **Development of 1meter contour for HNSS Ayacut area (Package 34), Sponsored by Reddy Veeranna Constructions Private, Bangalore, Karnataka, India**
 - **Development of Integrated Irrigation Information Systems (IIIS) for a part of Nagarjunasagar Command Area, Andhra Pradesh using Remote Sensing, GIS, GPS and field studies., Sponsored by Ministry of Water Resources, Govt. of India.**
 - **Development of a GIS Based Decision Support System for Optimal Route Analysis for Transportation of Solid Waste, Sponsored by UGC, New Delhi.**

- **A pilot study on impact assessment of water conservation programme (Watershed and Neeru-Meeru) of Government of Andhra Pradesh: A scientific approach, Sponsored by Ministry of Rural Development, Govt. of A.P.**
- **An integrated approach on Cherial Watershed management using remote sensing and GIS**
- **Evaluation of impacts of land use changes on ground water quality of a part of Hyderabad city using remote sensing, GIS and in situ studies**
- **Multi-Criteria Decision Support System for Optimum Management of Solid Waste**
- **Application of Remote Sensing and GIS on Landslide Investigation in the Kohima Area of Nagaland**
- **Poverty Alleviation and Socio-Economic Development Through Protection of Natural Resources Using Remote Sensing and GIS of Prakasam District, Andhra Pradesh, India**
- **Research Development of Integrated Irrigation System (IIS) for a part of Nagarjunasagar Command Area, Andhra Pradesh using Remote Sensing, GIS, GPS and field studies.,**

Ongoing research projects:

- **Development of remote sensing and GIS based Information System for Village level planning: a pilot study of Prakasam District, Andhra Pradesh**
- **Development of GIS for the proposed BARC Campus at Atchutapuram manda, Visakhapatnam Dist. This project is worth of 20 lakhs and duration of 2 years. This project is sponsored by Board of Research in Nuclear Science(BRNS), Department of Atomic Engineering(DAE), Government of India.**

- Development of Land suitability model for irrigation management of Addanki branch canal command area, Andhra Pradesh using remote Sensing, GIS, GPS and field studies
- Next Generation Interoperable Geoportal (iGP) Solution for the emerging Spatial Data Infrastructure (SDI) market

Total no of publications in peer reviewed journals: 111

Patents:

Awards:

- **“Andhra Pradesh Scientist Award-2010”** on 7th August, 2010 from Andhra Pradesh State Council for Science & Technology, Govt of Andhra Pradesh, in the area of “Engineering & Technology”
- **“Rotary Vocational Excellence Award – 2009”** on 8th December, 2010 from Rotary club of Bhagyanagar R.R.Dist.3150, India, in the field of “Environmental Science & Technology”.