

# Biograph



**Dr. Murthy Naidu, K. S.**

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## Educational Qualifications:

Master's Degree	1978	Specialization in Floristic Mapping, Ecosystems And Bio-Systematics – Passed in First Division, Andhra University, Visakhapatnam, Andhra Pradesh, India.
Doctorate	1992	Thesis Titled <i>“Forest Types of West Godavari District Through Satellite Remote Sensing with special emphasis on aquatic plant Biomass”</i> .

## Technical Qualifications:

Photogrammetry 'O' Course	1981	Indian Photo-Interpretation Institute (IPI) Dehra Dun, India.
Vegetation Mapping 'F2' Course	1982	Indian Institute of Remote Sensing (IIRS) Dehra Dun, India.
Digital Image Analysis UNDP Programme	1984	National Resource Management Centre (NRMC) Manila, Philippines.
ARC/Info GIS Applica- tion Training by ESRI	1990	International Data Management (IDM) New Delhi
Microwave Data inter- Pretation for Forestry Mapping Applications	1991	ERS Workshop Conducted by Radarsat Canada
Advanced Training in Combined visual & Digital Interpretation Techniques	1992	Universität Freiburg Abteilung Luftbildmessung ünt Fernerkundung. Freiburg W.Germany

## Professional Activity:

<u>Positions Held</u>	<u>Period</u>	<u>Organization – Nature of Duties</u>
<b>Scientific Investigator (Floristic Research)</b>	1978-81	<b>DST sponsored Projects, Andhra University</b> District Flora Preparation And Wild Plant Germplasm Surveys.
<b>Senior Scientist</b>	1981-90	<b>Forestry &amp; Ecology Applications Division National Remote Sensing Agency (ISRO) Govt of India, Balanagar, Hyderabad.</b> Environmental Impact Assessment Studies Mapping and Monitoring Forests Ecosystem System Modeling Studies On Multi-Purpose River Valley Projects Air photo and Satellite Image Analysis Site Suitability and Identification Studies Indo-FRG Collaboration/ GTZ Projects.
<b>Head GIS</b>	1990-96	<b>Image Interpretation Group National Remote Sensing Agency (NRSA)</b> Development of Forest Information System Micro-watershed Applications Natural Resource Management System . GIS Application Software
<b>ISRO Govt Entrepreneur Chief Tech Consultant</b>	1996-todate	<b>Mapping Earth Resources 'n Information Technologies(MERIT) Services</b> Execution of GIS Projects for NRSC/ISRO, Remote Sensing, Consultant Services to RITES, AFC, SGS India Engineering Colleges, Sericulture Dept. APPCB Oil India Ltd, State Forest Departments, State Remote Sensing Applications Centers etc.  <b>Served Several Govt Orgnisations across India</b> Development of User Applications Execution of NRSA, UPRAC, APSRAC, SRSAC GIS In-house project. Establishing GIS User Facilities, Turnkey Project Installations & Training, Consultant Services.

## Important Accomplishments

- ↳ Development of Forest Information System (**FIS**) in GIS
- ↳ Development of **Protax** S/w Integrated Municipal Property Tax Mapper
- ↳ Key Participant to prepare Nation-wide Forest Mapping for entire country in 1986. A maiden project in India to map & estimate Indian forested land.
- ↳ First Person to interpret the First Day maiden Data of Indian Remote Sensing Satellite (IRS-1A) launched by India. Also Team member project submission to Prime Minister of India.
- ↳ Project for identifying suitable place for industrial development estimating existing pollution loads in different districts of United Andhra Pradesh State enabling GIS/GPS technologies.
- ↳ Environment Assessment on Multi-River-Projects, Siong and Siom in Arunachal Pradesh (NE)
- ↳ GPS based Site identification for exploring Oil wells for OIL India( Govt. of India) in coastal basin of Andhra Pradesh.
- ↳ Satellite Remote Sensing based for Forest & Environment assessment in Meghalaya, Arunachal Pradesh (NE).
- ↳ GIS based Groundwater proximity studies in parts of Rajasthan, Bihar, CG, WB, AP, and North East India.

## Scientific Papers

18 – Scientific papers and publications contributed at national and international scientific forums.

## Languages Known

English – Good at reading, speaking, writing  
Hindi – Good at reading, speaking, writing  
Telugu - Mother tongue

## Experience on Software Modules

Expertise on Erdas Imagine, ArcGIS, AutoCAD, SmallWorld GIS, Office Automation, Envis, Photoshop, CorelDraw packages etc.,

## Membership in Professional Forums

Life Member, Indian Society for Remote Sensing (ISRS)  
Life Member, Indian National Cartographic Assn.(INCA)  
Member, Forum for Green Planet.

## References

- Prof. Hilderbrandt** Consultant, Gesellschaft Für Technische Zusammenarbeit (**GTZ**)  
'Alber Ludwings Universitat, W.Germany.
- Dr. Sasipalli V.S. Rao** Director, Tecmind Sol  
Takeyacho 7-20-203  
Naka-Ku  
Hiroshima – 7300048  
Japan Tel 082-243-2294
- Prof B.L. Deekshathalu**  
Former Director NRSA  
Dept of Space, Hyderabad.

## Personal Data

NAME IN FULL : SATYANARAYANA MURTHY NAIDU, KOTHURI  
FIRST NAME LAST NAME

Short Name : Dr. Murthy Naidu

Father's Name : Dr. K. Veera Raju

Date of Birth : 23<sup>rd</sup> June 1956

Age/Gender : 59 YEARS / Male

Marital Status : Married

Spouse & children : K.V V Sujatha (wife) 1 girl child (married)

## Mailing Address

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*I, K.S. Murthy Naidu indemnify the above information is correct to the best of my knowledge*

  
(Murthy Naidu)