

## Biodata



1. *Name* : **Killi Srinivas**
2. *Educational Qualifications* : **M.Sc., M.Tech, [Ph.D]**
3. *Designation* : **Assistant Professor in Remote Sensing & GIS**  
*School of Spatial Information Technology (SSIT),*  
*Institute of Science and Technology (IST),*  
*JNTUK, Kakinada*

4. *Contact Details:*      *Email id* : **killi.srinivas@gmail.com**

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5. *Experience* :      15+ yrs of industrial experience in Remote Sensing & GIS

Executed Projects for :

- *National Remote Sensing Agency*
- *Geological Society of India*
- *AP Pollution Control Board*
- *Govt of UP, Maharashtra, Gujarat, Chhattisgarh, Jharkhand*
- *Veolia Waters (French Co.), Bengaluru*

6. *Fields of Specializations under the Subject/Discipline:*

- |                                 |   |
|---------------------------------|---|
| a) Digital Image Processing     | b) Principles of Remote Sensing & GIS       |
| c) Principles of Photogrammetry | d) Web/Internet GIS                         |
| f) RS & GIS for Earth Systems   | f) Object Oriented Programming through JAVA |
| g) Research Methodology & IPR   | h) ArcGIS & ERDAS laboratory                |

7. *Research Experience* :

*Areas of research interests* : SAR Image Processing,  
BIOMASS & MANGROVES.

*M.Tech student project work* : as Supervisor      – 30 (4 in progress)  
as Co-Supervisor      – 11

### **Academic Projects for B.Tech & M.Tech using RS & GIS**

- Solid Waste Disposal Management for the City of Visakhapatnam & Kakinada
- LU/LC & Change Detection for the City of Visakhapatnam & Kakinada
- Coastal Zone Management for the City of Visakhapatnam & Kakinada
- Watershed Management & Morphometric Analysis of East Godavari District
- Parcel Mapping & Land Information System Visakhapatnam Steel Plant
- GAIL pipeline risk areas for East Godavari district.
- Ground Water Quality & Potential Mapping for East Godavari district
- Hud-Hud Cyclone damage assessment for Visakhapatnam district
- Sea Surface Temperature to study sub-marine ground water intrusion
- Shoreline changes study for East Godavari coast
- Artificial Ground Water recharge techniques
- Flood risk zonation for East Godavari district under Disaster Management
- Landslide risk zonation for Visakhapatnam district under Disaster Management

## **Executed Projects as Consultant**

- Wasteland Management Project of Jharkhand and Chattisgarh States for National Remote Sensing Center, Hyderabad.
- Rajiv Gandhi Drinking Water Mission Project Jharkhand and Gujarat State for National Remote Sensing Center, Hyderabad.
- Industrial Pollution Prevention Project of 3 Districts of Andhra Pradesh, a World Bank funded project, for AP Pollution Control Board, Hyderabad.
- Watershed Management Project of UP & Maharashtra States for National Remote Sensing Center, Hyderabad.
- Jaladhatri Project of Andhra Pradesh for Geological Survey of India, Hyderabad.
- Total Station Survey Project of Karnataka State for Veolia Waters (Germany).
- Road Networking Project of R&B Srikakulam, Vizianagaram, Visakhapatnam, EG & WG Districts
- Panchayat Raj Project on PMGSY, Master Plan of Srikakulam & Vizianagaram Districts
- Total Station Survey for R&B on Coastal Corridor between Kakinada & Visakhapatnam Ports

## **Ph.D Projects (Technical guidance)**

- Solid Waste Disposal Management for Kakinada, Visakhapatnam
- Ground Water Prospects for Prakasam District & East Godavari District
- Reservoir Sedimentation Yield for Yeleswaram & Meghadrigedda
- Drought Management for Anantapur District

## **8. Details of Publications / Conferences / Seminars / Workshops / Training programs**

- Shoreline Change Analysis of Erosion and Deposition using Landsat data 2000 & 2015 in the coastal part of East Godavari district, Andhra Pradesh, India (*Oral Presentation at National Workshop - CEEC-2015 @ JNTUK, Kakinada – Published in the Proceedings*)
- Change Detection Matrix Analysis Of Land Use/Land Cover Mapping Of 11 Mandals Using Remote Sensing And Geographical Information Systems In Coastal Part Of East Godavari District, Andhra Pradesh, India. (*Oral Presentation at 2nd International Conference on Science, Technology & Management (ICSTM-2015) conducted at Delhi University, New Delhi and Published in ijates [ISSN 2348-7550]*)
- Applications of Remote Sensing & GIS techniques for Disaster Studies in East Godavari District, Andhra Pradesh, India (*Oral Presentation at World Congress on Disaster Management held in Vizag during 19<sup>th</sup>-22<sup>nd</sup> Nov 2015*)
- Ground Water Quality Analysis using Spatial Distribution Technique in Geographical Information System – A Case Study of Kakinada, East Godavari district, Andhra Pradesh, India. (*Oral Presentation at 5<sup>th</sup> International Science Congress – 2015 conducted at Tribhuvan University, Kathmandu, Nepal on 8<sup>th</sup>-9<sup>th</sup> Dec' 2015 & Published in Research Journal of Recent Sciences[E-ISSN 2277-2502]*)
- Morphometric Analysis For Sub-Watersheds Of Maredumilli & Rompachodavaram Mandals Of East Godavari District, Andhra Pradesh Using Remote Sensing (RS) And Geographical Information System (GIS) (*Oral presentation at “2-day National Conference on Water Resources & Flood Management (WRFM – 2016) held at Sardar Vallabhai Patel National Institute of Technology (SVNIT), Surat , Gujarat during 14<sup>th</sup>-15<sup>th</sup> Oct 2016 )*)

Sl.No.	Conference/Workshop Name	Venue	Date
1	Workshop on Mobile GIS & Crowdsourcing	Dept of Geo-Engineering, Andhra University, Vizag	27 <sup>th</sup> – 28 <sup>th</sup> Feb 2017
2	National Conference on Water Resource and Flood Management (WRFM – 2016)	Dept of Civil Engg, SVNIT, Surat, Gujarat	14 <sup>th</sup> – 15 <sup>th</sup> Oct' 2016
3	GIS for Water Resource Management through GIAN (Global Initiative of Academic Network)	Shivaji University, Kolhapur	6 <sup>th</sup> – 11 <sup>th</sup> June' 2016
4	5 <sup>th</sup> International Science Congress (ISC-2015)	Tribhuvan University, Kathmandu, Nepal	8 <sup>th</sup> – 9 <sup>th</sup> Dec' 2015
5	2 <sup>nd</sup> World Congress on Disaster Management (DMISC-2015)	Convocation Hall, Andhra University, Vizag	19 <sup>th</sup> – 22 <sup>nd</sup> Nov' 2015
6	2 <sup>nd</sup> International Conference on Science, Technology & Management (ICSTM-2015)	Delhi University, New Delhi	27 <sup>th</sup> Sept' 2015
7	ESRI India Seminar on GIS for Education	Hotel Green Park, Visakhapatnam	23 <sup>rd</sup> July' 2015
8	2 weeks Special Course on Microwave Remote Sensing Application	NRSC, Hyderabad	11 <sup>th</sup> – 22 <sup>nd</sup> May' 2015
9	Geospatial Technologies for Resource Evaluation and Disaster Management (GTREDM-2015) On Earth Day Celebrations	Dept of Geo-Engineering, Andhra University, Vizag	22 <sup>nd</sup> April' 2015
10	2-day National Workshop on Coastal Erosion and Environmental Challenges (CEEC-2015)	Dept of Civil Engg, JNTUK, Kakinada	6 <sup>th</sup> – 7 <sup>th</sup> March' 2015
11	5-day Workshop on "Project Hydrology"	National Institute of Hydrology, Kakinada	2 <sup>nd</sup> – 6 <sup>th</sup> Feb ' 2015
12	1-day National Workshop on Energy & Environment (NWEE-2014)	Dept of Civil Engg, JNTUK, Kakinada	25 <sup>th</sup> Jan' 2014
13	3-day Training program on Web-GIS Applications for Road Network	APSRAC, Hyderabad	4 <sup>th</sup> – 6 <sup>th</sup> Feb' 2013
14	Training Program on Introduction to GIS & its Applications	NRSC, Hyderabad	27 <sup>th</sup> May – 21 <sup>st</sup> Jun ' 2002

9. *Other information* :

- a. MOOCS by NPTEL, UN-FAO
- b. Course Co-ordinator for IIRS Outreach program
- a) Guest Lectures at GITAM and various Engineering colleges (*Annamacharya, Pragathi, Dhanekula, Universal, Thirumala, Sai Ganesh, Chirala*)

SKILLS

- ArcGIS, ERDAS, QGIS, NEST/SNAP, PolSAR Pro, AutoCAD, Primavera, Java