Dr.Veeramallu Satya Sahithi

Designation	: Dr. Veeramallu Satya Sahithi
E-Mail ID	: satyasahithi@vrsiddhartha.ac.in
Contact at	: Department of Information Technology, Siddhartha Academy of Higher Education (SAHE), Kanuru, Vijayawada, Andhra Pradesh 520007.

Education

Post Doctorate

2026, Navavishkar I-Hub Foundation, Indian Institute of Technology- Tirupati.

Ph. D (Spatial Information Technology)

2023, Jawaharlal Nehru Technological University, Hyderabad.

M.Tech (Remote Sensing and GIS)

2014, CSSTEAP-United Nations, Indian Institute of Remote Sensing.

B.Tech (Geo Informatics)

2012, Andhra University College of Engineering, Andhra University.

Experience

Period	Designation	Institution / Organization	Key Responsibilities
2023- till date	Assistant Professor	Siddhartha Academy of Higher Education, Vijayawada	Research Project execution - ISRO, Class work for UG & PG, Project guidance, Field visit and industry visits.
April 2018 – Dec2019	Senior Research Fellow	National Remote Sensing Centre, NRSC-ISRO, Hyderabad	Worked closely with ISRO Scientists towards National-scale LU/LC and wasteland mapping projects, analyzing multi-decadal environmental changes and producing high-quality maps. Trained professionals in GIS and remote sensing tools while

			contributing to research, publications, and conference presentations.
April 2016 – April 2018	Junior Research Fellow	National Remote Sensing Centre, NRSC-ISRO, Hyderabad	Contributed in BHUVAN base map generation, LULC Atlas of India 2016. AVIRIS NG Hyperspectral data classification
Oct 2015 - April 2016	Project Associate	Administrative Staff College of India, Hyderabad	Worked as a major technical associate in Public Health GIS project – DST and attended various prestigious conferences and meetings
2014-2015	Research Engineer	Research Centre Imarat, Defence Research and Development Organisation, Hyderabad	Target detection for defence targets, establishing RS GIS lab, paper publications, conferences and meetings

Research Interests

Broad Area of Research:
- Remote Sensing
- Geographic Information System
- Digital Image Processing using Machine Learning and Deep learning
- Photogrammetry
- Environmental Monitoring and Geospatial application areas

Honors and Awards

- Chanakya Post-Doctoral Fellowship from IIT Tirupati
- ISRO research fellowship
- Achieved Silver Medal in Master's from United Nations with full time Fellowship for two years.

Courses Taught

S.No	Course Name	Level (UG/PG)
1	Remote Sensing and GIS	UG
2	Spatio Temporal Data Analytics	PG
3	QGIS	UG
4	GEE	UG

Research Profile

Publications

The recent publications and research contributions can be viewed from the following URLs

Google Scholar	https://scholar.google.com/citations?hl=en&user=02OedfoAAAAJ
Scopus	https://www.scopus.com/authid/detail.uri?authorId=56540027300
ORCID	https://orcid.org/0000-0002-6344-7518
dblp	
Publons	
Research Gate	https://www.researchgate.net/profile/Prabu_U
LinkedIn	https://in.linkedin.com/in/prabu-u-567aa529

Recognized Research Supervisor

S.No.	Department	University
	NIL	

Funded Research Projects

S.No.	Type	Title	Status	Funding Agency	Amount (INR)	Duration
01.	Funded (Co-Investigator)	Developing Efficient Local Scale Impact Evaluation Tools Using Geospatial Systems to Assess National Development Mission Outcomes and SDG Goals.	On-Going	National Remote Sensing Centre	27,30,000	3 Years
02.	Seed Grant (Principal Investigator)	A Geospatial Approach for Urban Flood mapping and identification of flood susceptibility zones in Vijayawada, Andhra Pradesh.	On-Going	SAHE	1,53,000	2 Years
03.	Seed Grant (Co - Principal Investigator	Machine Learning for Diabetic Retinopathy applications	On-Going	SAHE	1,00,000	2 Years

Administrative Roles

S.No.	Role	Institution	Duration	Responsibilities

Certifications/MOOC Courses Completed

S.No.	Title	Platform	Duration	Year
1.	Laboratory Practices in Earth Sciences: Landscape Mapping	NPTEL	8 Weeks	2024
2.	Global Positioning Navigation Satellite Systems	NPTEL	4 weeks	2025

Consultancy / Industry Projects

Completed	NIL
On-going	NIL
Applied	09

Patents

S.No	Title	Status	Application No.	Year
1.				

Ph.D

Awarded	NIL
Guiding	NIL

Invited Talks

No. of Invited Talks	02

Professional Service / Reviewer

- Reviewer in International Journal of Environment and Climate Change
- Reviewer in Journal of Geography, Environment and Earth Science
- Reviewer in International Journal of Geoinformatics

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	03
International / National Level Seminars	06 / 02
International / National Level Conferences	05 / 08
Workshops	06
Instructor Led / Self-Paced Courses	03
Webinars	08

Professional Bodies Membership Details

S.No.	Membership No.	Society Name
1.	L2244	Life Member Indian Society of Remote Sensing
2.		International Society of Photogrammetry and Remote sensing

(Dr. V.Satya Sahithi)

26/09/2025

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