Dr.Vaddi Radhesyam

Designation **:** Associate Professor

E-Mail ID **:** syam.radhe@vrsiddhartha.ac.in

Contact at **:** Department of Information Technology,
Siddhartha Academy of Higher Education Deemed to be
University, Kanuru, Vijayawada, Andhra Pradesh 520007.

Education

Ph. D (Information Technology and Engineering)

2023, Vellore Institute of Technology, Vellore

M.Tech (Computer Science and Engineering)

2008, Acharya Nagarjuna University, Guntur

Experience

Period	Designation	Institution / Organization	Key Responsibilities
2025-Present	Associate Professor	Department of Information Technology, Siddhartha Academy of Higher Education, Deemed to be University, Vijayawada, Andhra Pradesh	Teaching Research Research coordinator Project coordinator
2023-2025	Sr. Assistant Professor	Department of Information Technology, Siddhartha Academy of Higher Education, Deemed to be University, Vijayawada, Andhra Pradesh	
2007-2023	Assistant Professor	Department of Information Technology, V R Siddhartha Engineering College, Vijayawada, Andhra Pradesh	

Research Interests

Broad Area of Research :

Hyperspectral Remote sensing, Computer vision, Image processing and deep Learning

Honors and Awards

- Research Fellowship from Indian science academy

Courses Taught

S.No	Course Name	Level (UG/PG)
1	Data structures	UG
2	Design & Analysis of Algorithms	UG
3	Computer Vision	PG
4	Remote Sensing & GIS	UG

Research Profile

Publications

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

Google Scholar	https://scholar.google.com/citations?user=8vLcTp4AAAAJ&hl=en
Scopus	https://www.scopus.com/authid/detail.uri?authorId=55797717700
ORCID	https://orcid.org/0000-0002-7356-7652
Research Gate	https://www.researchgate.net/profile/Radhesyam_Vaddi
LinkedIn	https://www.linkedin.com/in/dr-radhesyam-vaddi-12972521/

Recognized Research Supervisor

S.No.	Department	University
01.	Computer Science and Engineering	Siddhartha Academy of Higher Education Deemed to be University

Funded Research Projects

S.No.	Title	Status	Funding Agency	Amount (INR)	Duration
01.	Development and evaluation of algorithms for automated tree delineation and tree parameters (height and	Completed	NRSC	Rs 16,90,000	02

	crown diameter) estimation for forestry applications.				
02.	Identification and Classification of **Micro plastics** in soil based on **Hyperspectral** imaging for Environmental Protection	Applied	ANRF	Rs 47,27,520	03
03.	Developing Efficient Local Scale Impact Evaluation tools using Geospatial System to Assess National Development Mission Outcomes and SDG Goals.	On-Going	NRSC	Rs 28,00,000	03

Administrative Roles

S.No.	Role	Institution	Duration	Responsibilities
1	R&D Member	Siddhartha Academy of Higher Education, Deemed to be University	2023-Present	Research Promotion and Incentives Member secretary: Seed Grant committee

Certifications/MOOC Courses Completed

S.No.	Title	Platform	Duration	Year
1.	Data structures	Coursera	8 Weeks	2023
2.	Machine Learning	Coursera	12 Weeks	2025

Consultancy / Industry Projects

Completed	
On-going	
Applied	

Patents

S.No	Title	Status	Application No.	Year
1.				

Ph.D

Awarded	00
Guiding	01

Invited Talks

No. of Invited Talks	02

Professional Service / Reviewer

- *SNCS Springer, **Infrared Physics Elsevier** journals*
- Reputed Conferences.

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	13
International / National Level Seminars	06 / 02
International / National Level Conferences	02 / 06
Workshops	10
Instructor Led / Self-Paced Courses	14
Webinars	10

Professional Bodies Membership Details

S.No.	Membership No.	Society Name
1.	L-4938	Life Member of Indian Society of Remote Sensing (ISRS)
2.		International Society for Photogrammetry and Remote Sensing (ISPRS)

(VADDI RADHESYAM)