

# Dr.Y.SANGEETHA



**Designation** : Associate Professor  
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**Contact at** : Department of Information Technology ,  
 Velagapudi Ramakrishna Siddhartha school of Engineering  
 Kanuru, Vijayawada, Andhra Pradesh 520007.

## Education

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### Post Doctral Fellowship (Artificial Intelligence)

2023, Taiwan

### M.Tech (Computer Science and Engineering)

2008, Acharya Nagarjuna University, Guntur

### M.Tech (Computer Science and Engineering)

2008, Acharya Nagarjuna University, Guntur

### M.Sc (Maths)

2005, Acharya Nagarjuna University, Guntur

## Experience

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Period	Designation	Institution / Organization	Key Responsibilities
2016 till date	Associate Professor	V R Siddhartha school of Engg. College, Vijayawada	Curriculum design, Ph.D./PG guidance, research publications, academic leadership, ISO, NBA/NAAC coordination.
2008-2016	Assistant Professor	V R Siddhartha Engg. College, Vijayawada	Curriculum design, research publications, academic leadership, ISO, NBA/NAAC coordination.
2007-08	Programmer	V R Siddhartha Engg. College, Vijayawada	

## Research Interests

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### Broad Area of Research:

Software Engineering and Artificial Intelligence with data science

## Honours and Awards

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- Women research award-March, 2020 by Elsevier

## Courses Taught

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S.No	Course Name	Level (UG/PG)
1	Artificial Intelligence Technical report writing and IPR Object Oriented Analysis and Design Software Project Management Software Engineering Design Patterns The Principles of Operating System Artificial Intelligence tools and its applications E-Commerce Database Management System Compiler Design Automata Theory and Formal Languages Software Testing and Automation Software Testing Methodologies	UG
2	Object Oriented Software Engineering Software Testing and Quality Assurance Optimization Techniques for using Data analysis Research Methodology and IPR Technical report writing and Latex	PG

## Research Profile

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### Publications

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

Google Scholar	<a href="https://scholar.google.com/citations?view_op=list_works&amp;hl=en&amp;user=cIcNnDMsAAAAJ&amp;gmla=AJsN-">https://scholar.google.com/citations?view_op=list_works&amp;hl=en&amp;user=cIcNnDMsAAAAJ&amp;gmla=AJsN-</a>
Scopus	<a href="https://www.scopus.com/authid/detail.uri?authorId=56694261000">https://www.scopus.com/authid/detail.uri?authorId=56694261000</a>
ORCID	<a href="https://orcid.org/0000-0002-0495-2098">https://orcid.org/0000-0002-0495-2098</a>
Dblp	<a href="https://dblp.uni-trier.de/pers/hd/u/U:Dr.sangeetha%20yalamanchili">https://dblp.uni-trier.de/pers/hd/u/U:Dr.sangeetha%20yalamanchili</a>
Publons	<a href="https://publons.com/researcher/3643652/sangeetha/publications/">https://publons.com/researcher/3643652/sangeetha/publications/</a>
Research Gate	<a href="https://www.researchgate.net/search.Search.html?type=researcher&amp;query=sangeetha%20yalamanchili">https://www.researchgate.net/search.Search.html?type=researcher&amp;query=sangeetha%20yalamanchili</a>

LinkedIn

<https://www.linkedin.com/in/san-geetha-a8a90873/>

## Recognized Research Supervisor

S.No.	Department	University
01.	Computer Science and Engineering	Jawaharlal Nehru Technological University, Kakinada
02	Computer Science and Engineering	Siddhartha Academy Higher Education deemed to be university, Vijayawada

## Funded Research Projects

S.No.	Type	Title	Status	Funding Agency	Amount (INR)	Duration
01.	Seed Grant		Completed	SAHE	70K	2 Years
02.			Applied			

## Administrative Roles

S.No.	Role	Institution	Duration	Responsibilities
1	In-charge	SAHE	2025-26	ISO Internal Audit member@ Institute level In-charge of ISO @dept level In-charge of NAAC Criteria-V @ dept level Member of NBA-IV@ dept level Member of Department Academic Development In-charge for Classwork monitoring 3rd & 4 In-charge and Member of PRC for PG Major Major Project @PG Member of Professor- in-charge for students Proctor for IInd year

## Certifications/MOOC Courses Completed

S.No.	Title	Platform	Duration	Year
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1.	Object Oriented System Development using UML, JAVA and Patterns	NPTEL	12 Weeks	Jan-Apr 2025
2.	Successful Career Development	Coursera	3m	2020
3	The Science of Well-Being	Coursera	3m	2020
4	Programming for Everybody (Getting Started with Python)	Coursera	3m	2020
5	Write Professional Emails in English	Coursera	3m	2020
6	AI For Everyone	Coursera	3m	2020
7	Data Science for Engineers	NPTEL	8 week Jan-Mar	2029
8	Introduction to R software	NPTEL	8 WEEK Aug-Sep	2018

## Consultancy / Industry Projects

<b>Completed</b>	01
<b>On-going</b>	01
<b>Applied</b>	-

## Patents

S.No	Title	Status	Application No.	Year
1	DYNAMIC LOAD BALANCING ALGORITHM FOR OPTIMIZED PERFORMANCE IN DISTRIBUTED CLOUD SYSTEMS	Published	202541053881	03/06/2025
2.	A SYSTEM AND THE	Granted	2021101398	28-04-2021

	METHOD FOR SECURED DATA STORAGE CLASSIFICATION FOR AGENT-BASED MOBILE CLOUD			
3	A SYSTEM FOR MONITORING WATER QUALITY ON REAL-TIME BASIS, A DEVICE AND A METHOD THEREOF	Published	202041054841	25/12/2020
4	WATER PURIFIER	Published	327809-991	08-10-2020

## Ph.D

Awarded	Nil
Guiding	02

## Invited Talks

No. of Invited Talks	01
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## Professional Service / Reviewer

- Reviewer IEEE & Springer Conferences

## Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	18
International / National Level Seminars	10 / 02
International / National Level Conferences	18 / 00
Workshops	10
Instructor Led / Self-Paced Courses	5
Webinars	10

## Professional Bodies Membership Details

S.No.	Membership No.	Society Name
1.	1780017	ACM
2.	98692962	IEEE

(Dr.Sangeetha Yalamanchili)