

Dr M.MADHAVI



Designation : Assistant Professor
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 Pradesh 520007.

Education

● **Ph. D (Computer Science and Engineering)**

2025, Annamalai University, Chidambaram

M.Tech (Computer Science and Engineering)

2011. JNTUH , Hyderabad

B.Tech (Information Science and Technology)

2005, Koneru Lakshmaiah College of Engineering

Experience

Period	Designation	Institution / Organization	Key Responsibilities
17-01-2022 - till date	Assistant Professor	Siddhartha Academy of Higher Education (Deemed to be University), Vijayawada	Exam Section In-charge, Attendance and Marks Faculty In-charge. ISO Faculty In-charge, Elite Faculty Incharge, Course Coordinator OBE Member
2020-2021	Assistant Professor	Vasavi Institute of Technology	Course Coordinator.
2015-2020	Assistant Professor	MIC College of Technology	Exam Section In-charge ,Course Coordinator.

2014-2015	Assistant Professor	VR Siddhartha Engineering College	
2011-2014	Assistant Professor	K L University	IQAC Member Course Coordinator Incharge Discipline committee Member
20025-2009	Assistant Professor	Aurora Institute of Technology	Placement coordinator Library Incharge

Research Interests Broad Area of Research

Computer Networks, Cloud Computing, Internet of Things, Network Security

Subjects Taught

S.No	Course Name	Level (UG/PG)
1	Computer Networks	UG
2	Operating Systems	UG
3	Software Engineering	UG
4	Data Structures	UG
5	Java Programming	UG
6	Mobile Application Development	UG
7	OOAD	UG
8	DBMS	UG
9	DAA	UG
10	Python Programming	UG
11	Mobile Computing	UG
12	Data warehousing	UG
13	Distributed Systems	UG

14	TCP/IP	UG
15	C Programming	UG

Publications

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

Google Scholar	https://scholar.google.com/citations?user=G75jx0gAAAAJ&hl=en
Scopus	https://www.scopus.com/authid/detail.uri?authorId=57831426500
LinkedIn	www.linkedin.com/in/madhavi-m-b56463126
Publons	https://www.webofscience.com/wos/author/record/GLT-9270-2022
Orcid	https://orcid.org/0000-0002-3540-9813
PubMed	https://www.ncbi.nlm.nih.gov/myncbi/collections/mybibliography/
Research Gate	https://www.researchgate.net/profile/Madhavi-Macharapu-2

Honors and Awards

- 1.Certified as J2EE Mentor by Wipro Talent Next
- 2, Certified by Wipro Talent Next as a mentor Advanced Technologies-Cloud Computing
- 3.Best Leadership Award by MSME Chennai
- 4.Best Teacher Award by Aurora Engineering College

Certifications/MOOC Courses Completed

S. No	Title	Platform	Duration	Year
1.	Foundation of Cloud Edge IoT ML	NPTEL	8 Weeks	2025
2.	Python Programming	Courseera	8 Week	2023
3.	Testing and Debugging Python	Courseera	8 Weeks	2023
3.	Data Analytics with Python	NPTEL	12 WEEKS	2022
4.	Introduction to Machine Learning	NPTEL	12 WEEKS	2021

5.	Programming, Data Structures and Algorithms using Python	NPTEL	12 Weeks	2018
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Patents

S.No	Title	Status	Application No.	Year
1.	Temperature Sensor Based Screening for prevention of Spread of COVID-19	Published	202241002791 A	2022

Professional Service / Reviewer

- Reviewer of Super Computing, Springer
- Reviewer of Fisheries Research, Springer
- Reviewer of Environmental Monitoring and Assessment, Springer
- Reviewer of Biomedical Signal Processing, Springer

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	20
International / National Level Seminars	0
International / National Level Conferences	10
Workshops	40
Instructor Led / Self-Paced Courses	4
Webinars	10

Professional Bodies Membership Details

S.No.	Membership No.	Society Name
1.	98766480	IEEE Member
3.	LM03544	Indian Society of Systems for Science & Engineering (ISSE)
4.	LM132135	Indian Society for Technical Education

Madhavi

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