

MADHAVI LATHA PANDALA



Designation : Assistant Professor
E-Mail ID : madhavi.p@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 (Computer Science and Engineering)

Pursuing , VIT, Bhopal

M.Tech (Computer Science and Engineering)

2010, Acharya Nagarjuna University, Guntur

B.Tech (Information Technology)

2005, Velagapudi Ramakrishna Siddhartha Engineering College, Kanuru, Vijayawada

Experience

Period	Designation	Institution / Organization	Key Responsibilities
2007 to till Date	Assistant Professor	Siddhartha Academy of Higher Education Deemed to be University	Alumni Coordinator, department Scholarship Incharge, Dept Higher education Incharge, NBA Coordination.

Research Interests

Broad Area of Research :

Deep Learning , Image Processing

Honors and Awards

- Nil

Courses Taught

S.No	Course Name	Level (UG/PG)
1	Python Programming	UG
2	Programming in C	UG
3	LINUX Programming	UG
4	Operating Systems	UG
5	Problem Solving Methods	UG
6	DLD&CO	UG
7	Introduction to Computing	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=TiM0uNoAAAAJ&hl=en
Scopus	https://www.scopus.com/authid/detail.uri?authorId=57211114837
ORCID	https://orcid.org/my-orcid
dblp	https://dblp.org/pid/365/2459.html:Madhavi_Latha_Pandala
Publons	https://publons.com/researcher/3723280/madhavilatha-pandala/
Research Gate	https://www.researchgate.net/profile/Madhavi_Latha6
LinkedIn	https://www.linkedin.com/in/madhavilatha-pandala-92b06a1b1/

Recognized Research Supervisor

S.No.	Department	University
01.		

Funded Research Projects

S.No.	Type	Title	Status	Funding Agency	Amount (INR)	Duration
01.						

Administrative Roles

S.No.	Role	Institution	Duration	Responsibilities
1	Dept ISTE Chapter Incharge	SAHE	2023-Present	Conduction Technical and non-technical events under ISTE Student Chapter
2.	First Year Admissions	SAHE	2018-Present	Admissions
3.	Exam Cell commity member	SAHE	2018-Present	Internal and external examination decisions

Certifications/MOOC Courses Completed

S.No.	Title	Platform	Duration	Year
1.	Programming for Everybody	Coursera	4 weeks	2020
2.	AI For Everyone	Coursera	4 weeks	2020
3.	Problem solving through Programming in C	NPTEL	12 Weeks	2023
4.	Use SharePoint & Power Virtual Agent to Create Smart Chatbot	Coursera	4 weeks	2023
5.	Azure Synapse SQL Pool - Implement Polybase	Coursera	4 weeks	2023
6.	AWS Certified AI Practitioner	Amazon	3 years validity (Global certification)	2025
7.	MATLAB Onramp	MathWorks Training Services	4 weeks	2025

Consultancy / Industry Projects

Completed	
On-going	
Applied	

Patents

S.No	Title	Status	Application No.	Year
1.	Fuzzy Logic Controlled Traffic Light Controlling System Using Morphological Operators with Image STA	Published	202141030418A	2021
2.	Artificial Intelligence Tool for Covid-19 Detection from Chest X-Ray Image	Published	202241010152A	2022
3.	IOT Based Humidity Monitoring System Using Machine Learning Approach in Agriculture Field	Published	202341001498	2023
4.	Artificial Intelligence Based USB Device for Managing Multiple Smart Devices	Published	439388-001	2024

Ph.D

Awarded	
Guiding	

Invited Talks

No. of Invited Talks	
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Professional Service / Reviewer

- Reviewer in Computational Social Systems, IEEE Transactions.
- Reviewer in IEEE Transactions on Consumer Electronics.
- Reviewer in Wireless Personal Communications, Springer
- Reviewer in Optical and Quantum Electronics, Springer

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	• 20
International / National Level Seminars	10 / 8
International / National Level Conferences	10 / 03
Workshops	25
Instructor Led / Self-Paced Courses	8
Webinars	15

Professional Bodies Membership Details

S.No.	Membership No.	Society Name
1.	6822377	Association for Computing Machinery(ACM)

(Your Name & Signature with Date)
