

MUPPARAJU PRASANNA LAKSHMI



Designation : Assistant Professor
E-Mail ID : mplakshmi@vrsiddhartha.ac.in
Contact at : Department of Computer Applications,
 Velagapudi Ramakrishna Siddhartha Engineering College,
 Kanuru, Vijayawada, Andhra Pradesh 520007.

Education

Ph. D (Computer Science and Engineering)

Pursuing 2019, Koneru Lakshmaiah Education Foundation, Vaddeswaram, Vijayawada

M.Tech (Computer Science and Engineering)

2010, Acharya Nagarjuna University, Guntur

MCA (Computer Applications)

2008, Acharya Nagarjuna University, Guntur

B. Sc (Computer Science)

2002, Nagarjuna University, Guntur

Experience

Period	Designation	Institution / Organization	Key Responsibilities
2008-2025	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College	The academic responsibilities undertaken include collaboration with faculty to ensure that the curriculum meets student learning needs, along with maintaining accurate attendance records, implementing attendance policies, and reporting data to authorities. Academic timetabling has been effectively managed by coordinating with faculty and departments, resolving conflicts, and ensuring smooth scheduling.

			<p>Student support has been provided through supervision in academic and co-curricular activities, addressing concerns, and facilitating communication between students and faculty. Courses have been overseen to ensure effective delivery and alignment with learning objectives, supported by coordination in assessments and continuous improvement through student feedback. Research contributions include successful guidance of postgraduate theses, encouragement of interdisciplinary projects, and publications in reputed Scopus and Web of Science indexed journals. Additional contributions include presentations in IEEE conferences, authorship of book chapters and patents, and a focus on quality publications in UGC-CARE listed journals. Institutional contributions extend to organizing workshops, preparing documentation for accreditation processes, and actively engaging in initiatives that strengthen academic standards and enhance institutional growth.</p>
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Research Interests

Broad Area of Research:

Data Security & Protection, Threat Detection, Network Security and Data visualization

Honors and Awards

Courses Taught

S.No	Course Name	Level (UG/PG)
1	Machine Learning	PG
2	IOT	UG
3	Python Basics	PG, UG
4	Data Mining	PG
5	DAA	PG
6	Operating Systems	PG
7	Problem Solving using C	UG
8	Distributed systems	PG
9	High Performance computing	PG
10	Problem solving Methods	UG
11	Digital Logic and Computer Organization	PG
12	Language Processors	PG
13	Introduction to IT Fundamentals	PG

Research Profile

Publications

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

Google Scholar	https://scholar.google.com/citations?user=ILnfPwoAAAAJ&hl=en
Scopus	http://www.scopus.com/inward/authorDetails.url?authorID=59462833100&partnerID=MN8TOARS
ORCID	https://orcid.org/0009-0004-1911-7943
Wiley Library	https://onlinelibrary.wiley.com/toc/10991131/2025/38/12
WOS	https://www.webofscience.com/wos/woscc/full-record/WOS:001529604500013
Research Gate	https://www.researchgate.net/profile/Prasanna-Lakshmi-M
LinkedIn	

Recognized Research Supervisor

S.No.	Department	University
01.		

Funded Research Projects

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

Administrative Roles

S.No.	Role	Institution	Duration	Responsibilities
1		VRSEC		As Higher Authority Orders

Certifications/MOOC Courses Completed

S.No.	Title	Platform	Duration	Year
1.	Computer Organization and Architecture:	NPTEL	8 Weeks	2018
2.	Completed <i>An Introduction to Interactive Programming in Python (Part-1)</i> ,	Coursera	4 Weeks	2020
3.	Completed <i>Programming for Everybody (Getting Started with Python)</i> ,	Coursera	4 Weeks	2020
4.	Completed <i>AI For Everyone</i>	Coursera	4 Weeks	2024

Consultancy / Industry Projects

Completed	
On-going	
Applied	

Patents

S.No	Title	Status	Application No.	Year
1.	Energy-Efficient Vlsi Design For Low-Power Digital Signal Processing Applications	PUBLISHED	202441032744	2024
2.	Mobile Application Based Urine Sample Testing Kit Employing Image Processing	PUBLISHED	202341026494A	2023
3	ML And DL Techniques Base Breast Cancer Discovery By Using Relative Analysis,	PUBLISHED	202241006231	2022
4	Secure Multi -Party Computation System For Privacy-Preserving Data Analytics	FILED (CANADIAN COPY RIGHT)	1202851	2023
5	Novel Immunotherapy Agents And Methods For Treating Cancer And Other Diseases	REGISTRERED (CANADIAN COPY RIGHT)	1202850	2023

Ph.D

Awarded	
Guiding	

Invited Talks

No. of Invited Talks	01
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Professional Service / Reviewer

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Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	23
International / National Level Seminars	02/ 07
International / National Level Conferences	05 / 04
Workshops	13
Instructor Led / Self-Paced Courses	-
Webinars	10

Professional Bodies Membership Details

S.No.	Membership No.	Society Name
1.	173593	IAENG

M. Prasananna Lakshmi

08/09/2025

(M. PRASANNA LAKSHMI)
