

K. Pranathi



Designation : Assistant Professor
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Contact at : Department of Information Technology,
Siddhartha Academy of Higher Education,
Kanuru, Vijayawada, Andhra Pradesh 520007.

Education

M.Tech (Computer Science and Engineering)

2011, Jawaharlal Nehru Technological University, Kakinada

B.Tech (Computer Science and Engineering)

2005, Jawaharlal Nehru Technological University, Hyderabad

Experience

Period	Designation	Institution / Organization	Key Responsibilities
2007-2025	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College	Time Table Incharge, research publications, academic leadership, NBA/NAAC coordination.

Research Interests

Broad Area of Research:

Image Processing, Computer Networks

Honors and Awards

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Courses Taught

S.No	Course Name	Level (UG/PG)
1	Computer Networks	UG & PG
2	Wireless Networks	UG
3	Operating Systems	UG
4	Principles of TCP/IP	UG
5	Wireless Adhoc Networks	PG
6	Distributed Systems	UG
7	Cryptography & Network Security	UG
8	Mobile Computing	UG
9	C Programming	UG
10	Introduction to basic Computing	UG
11	Cyber Security	UG
12	Universal Human Values - II	UG
13	Microprocessor and Interfacing	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=M3EAEzgAAAAJ&hl=en
Scopus	https://www.scopus.com/authid/detail.uri?authorId=56938857700
ORCID	https://orcid.org/0000-0002-5270-5200
dblp	
Publons	https://publons.com/researcher/3699416/pranathi-pamarthi/
Research Gate	https://www.researchgate.net/profile/Pranathi_Pamarthi
LinkedIn	https://www.linkedin.com/in/pranathi-pamarthi-3782ab56/

Recognized Research Supervisor

S.No.	Department	University
01.		
02.		
03.		
04.		

Funded Research Projects

S.No.	Type	Title	Status	Funding Agency	Amount (INR)	Duration
01.						
02.						
03.						

Administrative Roles

S.No.	Role	Institution	Duration	Responsibilities
1	Time Table Committee Member	VRSEC	2019 - present	Optimize Resource Allocation, Promote Interdepartmental Coordination, Adjust for Unforeseen Changes

Certifications/MOOC Courses Completed

S.No.	Title	Platform	Duration	Year
1.	Cloud Computing	NPTEL	8 Weeks	2017
2.	Oracle Certified Foundations Associate	Oracle	2 years validity (Global Certification)	2025

Consultancy / Industry Projects

Completed	-
On-going	-
Applied	-

Patents

S.No	Title	Status	Application No.	Year
1.	Soil And Plant Health Assisting Using Machine Learning	Published	202241023753	2022
2	Integrating Machine learning to inspect modern agriculture investigations for Tea Leaf disease	Published	202241067540	2022
3	Malicious Attack detection in real time IoT devices will assess their vulnerabilities using deep learning algorithms	Published	202541027595	2025

Ph.D

Awarded	-
Guiding	-

Invited Talks

No. of Invited Talks	-
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Professional Service / Reviewer

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Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	20
International / National Level Seminars	08 / 05
International / National Level Conferences	06 / 06
Workshops	10
Instructor Led / Self-Paced Courses	14
Webinars	10

Professional Bodies Membership Details

S.No.	Membership No.	Society Name
1.	5073258	ACM

K.Pranathi

(Your Name & Signature with Date)
