

Dr Keerthi Kethineni



Designation : Assistant Professor-Senior Scale
E-Mail ID : kkeerthi@vrsiddhartha.ac.in
Contact at : Department of Computer Science and Engineering,
 Siddhartha Academy of Higher Education,
 Deemed to be University, Kanuru, Vijayawada, Andhra
 Pradesh 520007.

Education

Ph. D (Computer Science and Engineering)

2024, Koneru Lakshmaiah Education Foundation, Vaddeswaram, Guntur

M.Tech (Computer Science and Engineering)

2012, Jawaharlal Nehru Technological University, Kakinada

B.Tech (Computer Science and Engineering)

2008, Jawaharlal Nehru Technological University, Kakinada

Experience

Period	Designation	Institution / Organization	Key Responsibilities
2025-till date	Senior Scale- Assistant Professor-	Siddhartha Academy of Higher Education (Deemed to be University), Vijayawada	Faculty Advisor Google Developer Student Club, Faculty mentor for CSI student chapter and Women's Club, IV Year Class In charge
2022-2025	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada	
2012-2022	Assistant Professor	QIS College of Engineering and Technology, Ongole	Academic Council Member, Admissions Coordinator, Academic Coordinator and audit member, Curriculum Design, Dept. Exam section In charge , Event Coordinator, Time table In charge
2008-2010	Lecturer	A.A.N.M&V.V.R.S.R Polytechnic, Gudlavalleru	Time table In charge

Research Interests

Broad Area of Research:

Artificial Intelligence and Secure Internet of Things (IoT)

Honors and Awards

Awarded as INSPIRED WOMEN FACULTY Award for the Year 2021 on the part of Women's Day Celebrations at QIS College of Engineering & Technology, Ongole.

Courses Taught

S.No	Course Name	Level (UG/PG)
1	Operating System	UG
2	Database Management System	UG
3	Secure Software Engineering	PG
4	Computer Networks	UG
5	Digital logic Design	UG
6	Internet of Things	UG
7	Artificial Intelligence	UG
8	Data Structures	UG

Research Profile

Publications

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

Google Scholar	https://scholar.google.com/citations?hl=en&user=rubYPZQAAAAJ
Scopus	https://www.scopus.com/authid/detail.uri?authorId=57614352100
ORCID	https://orcid.org/0000-0002-2040-4964
Research Gate	https://www.researchgate.net/profile/Keerthi-Kethineni
LinkedIn	https://www.linkedin.com/in/dr-keerthi-kethineni-37a956119/

Funded Research Projects/FDP/Symposium

S.No.	Type	Title	Status	Funding Agency	Amount (INR)	Duration
01.	Funded	Development of Infra-red camera-based Crowd Video Surveillance using Hybrid Deep Learning Model	On going	ADRIN/ ISRO	Rs 32,93,136/-	3 Years
02.	Funded FDP	Block Chain-Enabled IoT Networks with AI-Driven Automation: Transforming Smart Ecosystems for a Decentralized Future	Completed	AICTE- ATAL	Rs 1,00,000/-	One week
03.	Funded Symposium	Frontiers of Quantum Computing: Algorithms, Applications and Challenges	Completed	DST-SERB	Rs 2,00,000/-	One week
04	Funded Symposium	Generative AI and responsible innovation: Bridging technology and Ethics	On going	DST-SERB	Rs 2,00,000/-	One week

Administrative Roles

S.No.	Role	Institution	Duration	Responsibilities
1	Professor In charge- Student clubs	SAHE	2022-Present	Advisory & Mentorship Planning & Coordination Event Management
2	Student Counsellor and Class In charge			Academic Guidance Career & Skill Development Monitoring & Record Keeping Holistic Development
3	Faculty In charge- Exam section			Question Paper & Answer Scripts Management Internal Assessments Confidentiality & Record Maintenance
4	NBA and NAAC Criteria Coordinator and Departmental Activities Coordinator	QISCET	2015-2022	Planning & Coordination Documentation & Data Management Quality Assurance & Monitoring

Certifications/MOOC Courses Completed

S.No.	Title	Platform	Duration	Year
1.	Fundamentals of Digital Marketing	Google Digital	6 weeks	2022
2	Introduction to Machine Learning	NPTEL	8 Weeks	2023
3	Prompt Engineering for Chat GPT	Great Learning	--	2024

Patents

S.No	Title	Status	Application No.	Year
1.	A vedic and parallel prefix adder based signal multiplier	Published	202041051659 A	2020
2	Intrusion Detection system	Published	202341068161	2024
3	AI Based Chromatography Analysis Device	Filed	469392-001	2025

Professional Service / Reviewer

- Reviewer -Clustering Computing(SCI)
- Reviewer- Evolutionary Intelligenec(SCI)
- Reviewer -Automatika(SCI)
- Reviewer -Advances in Artificial Intelligence and Machine Learning

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	12
International / National Level Seminars	02 / 03
International / National Level Conferences	01 / 04
Workshops	10
Instructor Led / Self-Paced Courses	4
Webinars	10

Professional Bodies Membership Details

S.No.	Membership No.	Society Name
1.	2010000579	Computer Society of India (CSI)
2.	101335699	IEEE Membership
3.	LM114100	Indian Society for Technical Education (ISTE)
4	204671	International Association of Engineers (IAENG)
5	54270755	Computer Science Teachers Association (CSTA)

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(Faculty Signature)
