

Dr.K.Anji Reddy



Designation : Senior Assistant Professor
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Contact at : Department of Computer Applications,
 Siddhartha Academy of Higher Education,
 (An Institution Deemed to be University),
 Kanuru, Vijayawada, Andhra Pradesh 520007.

Education

Ph. D (Computer Science and Engineering)

2022, Krishna University, Machilipatnam

M.Tech (Computer Science and Engineering)

2010, Jawaharlal Nehru Technological University, Anantapur

MCA(Master of Computer Applications)

1998,Osmania University, Hyderabad

Experience

Period	Designation	Institution / Organization	Key Responsibilities
2009-till date	Sr. Assistant Professor	Siddhartha Academy of Higher Education(An Institution Deemed to be University)	<ul style="list-style-type: none"> Involved in curriculum design, placement activities, academic leadership, Department level NAAC coordinator for criteria 1 and 2. Served as Head, Dept. of Computer Applications from February-2010 to April-2019 Served as Asst. Controller of Exams from February -2010 to September-2022. Served as BOS Chairman for Dept. of Computer

			Applications, V.R.Siddhartha Engineering College from 2010 to 2018. <ul style="list-style-type: none"> • Currently serving as a BOS member for MCA and B.Sc. courses.
2005-2009	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College(Autonomous)	Academics
1999-2005	Programmer	Velagapudi Ramakrishna Siddhartha Engineering College	Performed the job of lab software maintenance, system and lab management assistance, technical support for faculty and students, support for academic projects as a Programmer, taught computer programming subject for I/IV B.Tech. students.

Research Interests

Broad Area of Research :

Data Mining and Machine Learning

Courses Taught

S.No	Course Name	Level (UG/PG)
1	Programming in C and Numerical Methods	PG
2	Database Management Systems	PG
3	Data Structures Using C	PG
4	OOPS with C++	PG
5	Design and Analysis of Algorithms	PG
6	Principles of Programming Languages	PG
7	Introductory Programming	PG
8	Data Structures Using C++	PG
9	Cloud Computing	PG
10	AI Tools and Applications	UG
11	Programming in C	UG

Research Profile

Publications

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

Google Scholar	https://scholar.google.com/citations?view_op=new_profile&hl=en
Scopus	https://www.scopus.com/authid/detail.uri?authorId=57211004091
ORCID	https://orcid.org/0000-0003-1705-8543

Administrative Roles

S. No.	Role	Institution	Duration	Responsibilities
1	Institution Level Committee Member	SAHE	2024- till date	Sports and Games, Institution Industry Cell, Ragging Prevention, Central Library, Training & Placement, Display Boards and Name Plates, Anti-Ragging, Student Welfare
2	Department Level Placement Coordinator	VRSEC	2023-till date	Coordinating placement activities
3	Assistant Controller of Exams(Institution evel)	VRSEC	2010-2022	Autonomous Section Management
4	Department Level IIC Coordinator	VRSEC	2018-2022	Promotion of innovation and entrepreneurship, and ideation programs by organizing various events
5	Department Level	VRSEC	2010-2019	Performed the role of Head of the Department for Computer Applications

Certifications/MOOC Courses Completed

S.No	Title	Platform	Duration	Year
1.	Programming for Everybody(Getting Started with Python	Coursera	---	2020
2.	Python Data Structures	Amazon	---	2020
3	Data Structures and Algorithms using Java	NPTEL	12 Weeks	2022
4	Data Analytics with Python	NPTEL	12 Weeks	2022
5	Introduction To Internet Of Things	NPTEL	12 Weeks	2025

Consultancy / Industry Projects

Completed	NIL
On-going	NIL
Applied	NIL

Patents

S.No	Title	Status	Application No.	Year
1.	An Artificial Intelligence (AI)- Based System For Detecting Dynamic Network Attacks and Method Thereof	Published	202441032911	2024
2.	A Machine Learning (MI)-Based Personal Health Advisor System With Real Time Recommendation Adjustments And Method Thereof	Published	202441027404	2024
3.	An IoT Based System for Regulating Drip Irrigation and method of Operating the Same	Published	202341038880	2023
4	A System for Creating Audio-visual Summaries based on Machine Learning (ML)	Published	202341030738	2023
5	Smart Electronic Device And System for Object Preserving and Tracking	Published	202041008782	2020

Ph.D

Awarded	NIL
Guiding	NIL

Invited Talks

No. of Invited Talks	NIL
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Professional Service / Reviewer

- Serving as a BOS Member (Subject Expert) for M.Sc. (Data Science) at K.B.N. College, Vijayawada, since 2025.
- Serving as a BOS Member (Subject Expert) for MCA at Sir C R Reddy College, Eluru since 2025.

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	26
International / National Level Seminars	0 / 02
International / National Level Conferences	08 / 02
Workshops	5
Instructor Led / Self-Paced Courses	-
Webinars	10

Professional Bodies Membership Details

S.No.	Membership No.	Society Name
1.	AM1684178	The Institute of Engineers (India)
2.	LM71137	Indian Society for Technical Education (ISTE)

(Dr.K.Anji Reddy)
