SIDDHARTHA
ACADEMY OF HIGHER EDUCATION
(Deemed to be **University** *u/s 3 of UGC Act, 1956)*

Dr.G.Kranthi Kumar

Designation : Associate Professor
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Siddhartha Academy of Higher Education,
Deemed to be Univeristy, Kanuru, Vijayawada, Andhra Pradesh 520007.

Education

Ph. D (Computer Science and Engineering)
2020, Acharya Nagarjuna University, Guntur

M.Tech (Computer Science and Engineering)
2005, Acharya Nagarjuna University, Guntur

B.Tech (Computer Science and Engineering)
2002, Karnataka University, Dharwad

Experience

Period	Designation	Institution / Organization	Key Responsibilities
01-09-2025 - till date	Associate Professor	Siddhartha Academy of Higher Education (Deemed to be University), Vijayawada	Exam Section In-charge, Attendance and Marks In-charge.
2009 –2025	Sr. Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College	Exam Section In-charge, BOS Member, Course Coordinator.
2005-2009	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College	Course Coordinator.

Research Interests

Broad Area of Research:

- Artificial Intelligence, Machine Learning, Image processing.

Courses Taught

S.No	Course Name	Level (UG/PG)
1	Computer Networks	UG
2	Artificial Intelligence	UG
3	Software Engineering	UG, PG
4	Software Testing Methodologies	UG
5	Advanced Software Engineering	PG
6	Microprocessor and Microcontrollers	UG
7	Embedded Systems	UG
8	Digital Logic Design	UG
9	E-Commerce	UG
10	Multimedia Systems	UG
11	Embedded Computing Systems	PG
12	Advanced Computer Architecture	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=vGJXVm8AAAAJ
Scopus	https://www.scopus.com/authid/detail.uri?authorId=57190000126
LinkedIn	https://www.linkedin.com/in/kranthi-kumar-2806b735/
Publons	https://publons.com/researcher/5111047/kranthi-kumar-guttikonda/
Orcid	https://orcid.org/my-orcid?orcid=0000-0001-8370-8474
PubMed	https://www.ncbi.nlm.nih.gov/myncbi/collections/mybibliography/
Research Gate	https://www.researchgate.net/profile/Kranthi-Guttikonda

Recognized Research Supervisor

S.No.	Department	University
01.	Computer Science and Engineering	SAHE
02.	Computer Science and Engineering	SRM INSTITUTE OF SCIENCE & TECHNOLOGY KATTANKULATHUR
03.	Computer Science and Engineering	ANNAMALAI UNIVERSITY

Funded Research Projects

S.No.	Type	Title	Status	Funding Agency	Amount (INR)	Duration
01.	Geo Spatial Information System	Advances in Numerical Whether Prediction (NWP) Modelling using AI/ML Techniques.	Applied	RESPOND	27,38,400	36 Months

Certifications/MOOC Courses Completed

S.No.	Title	Platform	Duration	Year
1.	Agile Software Development	Coursera	1 Week	2020
2.	AI for Everyone	Coursera	1 Week	2020
3.	ML for All	Coursera	1 Week	2020
4.	Software Development Processes & Methodologies	Coursera	1 Week	2020
5.	Outcome Based Pedagogic Principles for Effective Teaching	NPTEL	8 Weeks	2018

Consultancy / Industry Projects

Completed	01
On-going	00
Applied	01

Patents

S.No	Title	Status	Application No.	Year
1.	AN EFFICIENT MACHINE LEARNING TECHNIQUE FOR BRAIN TUMOR IDENTIFICATION	Published	202341003052 A	2023
2.	METHOD FOR MINIMIZING THE TIME CONSUMPTION IN SOFTWARE TESTING PROCESS	Granted	2020103310	2020

Ph.D

Guiding	03

Invited Talks

No. of Invited Talks	02

Professional Service / Reviewer

- Reviewer of the conference "2024 International Conference on Computational Intelligence for Green and Sustainable Technologies (ICCIGST - 2024)", 18th – 19th July 2024, Organized by Siddhartha Academy of Higher Education.

- Reviewed ISCIENCE-D-23-07612R1, entitled: Navigating a stable transition to the Age of Intelligence: A Mental Wealth perspective for iScience on March 2024.
- Reviewer of the First IEEE International Conference on Networking and Communications, School of Computing SRM Institute of Science and Technology, Kattankulathur on 05th and 06th April 2023.

- Reviewed intelligent systems and information security organized by Dr.Mahalingam College of engineering and Technology, Pollachi held during 11-12, December 2020.

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	18
International / National Level Seminars	06 / 02
International / National Level Conferences	02 / 06
Workshops	10
Instructor Led / Self-Paced Courses	14
Webinars	10

Professional Bodies Membership Details

S.No.	Membership No.	Society Name
1.	5492192	ACM Member
2.	I0109519	Computer Society of India (CSI)
3.	294302	International Association of Engineering (IAENG)
4.	M-1737435	The Institute of Engineers (India)

(Dr.G.Kranthi Kumar)

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