S. Kranthi

Designation	: Assistant Professor
E-Mail ID	: s.kranthiit@vrsiddhartha.ac.in
Contact at	: Department of Information Technology,
	Siddhartha Academy of Higher Education,
	DEEMED TO BE UNIVERSITY
	V R Siddhartha School of Engineering
	Kanuru, Vijayawada, Andhra Pradesh 520007.

Education

Ph. D (Computer Science and Engineering)

Pursuing, SRM University, Kattankulathur

M.Tech (Computer Science and Engineering)

2010, Acharya Nagarjuna University, Guntur

B.Tech (Computer Science and Engineering)

2007, Jawaharlal Nehru Technological University, Hyderabad

Experience

Period	Designation	Institution / Organization	Key Responsibilities
2008 to till date	Assistant Professor	Siddhartha Academy of Higher Education DEEMED TO BE UNIVERSITY V R Siddhartha School Of Engineering	CISCO Incharge, Technical Events Incharge, Wicys Student Chapter Incharge, Placement Co-cordinator, Curriculum design, UG guidance, Research publications, NBA/NAAC coordination.

Research Interests

Broad Area of Research:

Network Security, Computer Networks

Honors and Awards

- 2024 Instructor Excellence Advanced Level Award from CISCO in recognition with instructor excellence and overall contributions to Cisco Networking Academy.
- CISCO Certified Trainer.

Courses Taught

S.No	Course Name	Level (UG/PG)
1	Introduction to Computing	UG
2	Problem Solving Methodologies	UG
3	Programming in C	UG
4	C & DS	UG
5	Computer Networks	UG
6	Wireless Networks	UG
7	Network Security	UG
8	Cyber Security	UG
9	Network Management Systems	UG
10	E-Market Place	UG
11	Microprocessors	UG
12	DevOps Essentials	UG
13	Ethical Hacking	UG
14	Computer Organization And Architecture	UG
15	Honors: Introduction to Security: Cyberspace, Cybercrime and Cyber security	UG
16	Computer Organization	PG
17	Cyber Security & Forensics	PG
18	AI & ML Techniques for Cyber Security	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=xC1IYJwAAAAJ&hl=en
Scopus	https://www.scopus.com/authid/detail.uri?authorId=57191371178
ORCID	https://orcid.org/0000-0003-1418-9388
dblp	https://dblp.org/pid/343/5497
Publons	https://publons.com/researcher/3699341/kranthi-sri/
Research Gate	https://www.researchgate.net/profile/Kranthi_Sri2
LinkedIn	https://www.linkedin.com/in/kranthi-sri-4b82a28a/

Recognized Research Supervisor

S.No.	Department	University
01.		

Funded Research Projects

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

Administrative Roles

S.No.	Role	Institution	Duration	Responsibilities
1	Technical Events Incharge	V R Siddhartha School Of Engineering	2021-Present	Identifying reputed colleges that host technical events, hackathons, project expos, and model development competitions and nominating suitable students to participate in these events.
2	CISCO Incharge	V R Siddhartha School Of Engineering	2022-Present	Guiding undergraduate and postgraduate students to successfully complete CISCO certification courses.

3	Placements Co-cordinator	V R Siddhartha School Of Engineering	2022-Present	Maintaining comprehensive placement records for both on-campus and off-campus opportunities
4	WiCys Student Chapter Incharge	V R Siddhartha School Of Engineering	2024-Present	Organizing technical events and guest lectures in cybersecurity, and facilitating student participation in WiCyS webinars and internships.

Certifications/MOOC Courses Completed

S.No	Title	Platform	Duration	Year
1.	CCNAv7: Introduction to Networks	CISCO	8 Weeks	2022
2.	CCNAv7: Switching, Routing, and Wireless Essentials	CISCO	8 Weeks	2022
3	CCNAv7: Enterprise Networking, Security, and Automation	CISCO	8 Weeks	2022
4	Introduction to Front-End Development	Courseera	4 Weeks	2023
5	Oracle Certified Foundations Associate(Global Certification)	Oracle	8 Weeks	2024
6	MATLAB Onramp	Mathworks	4weeks	2025

Consultancy / Industry Projects

Completed	
On-going	
Applied	

Patents

S.No	Title	Status	Application No.	Year
1.	Real time Disruption in IoT devices using Vulnerability via ML Algorithm Hierarchy	Published	202241067535	24-11-2022

| 2 | Network Security for SDN-based Cloud IoT Using Deep Learning | Published | 202241066487 | 23-12-2022 |
| 3 | Determine Malicious Attacks With Real Time Iot Devices To Analyse Their Vulnerabilities With Leveraging Deep Learning Techniques | Published | 202441105061 | 17-01-2025 |

Ph.D

Awarded	
Guiding	

Invited Talks

No. of Invited Talks	

Professional Service / Reviewer

- Reviewer in 4th International Conference On Networks And Cryptology

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	12
International / National Level Seminars	0 / 13
International / National Level Conferences	15 / 01
Workshops	20
Instructor Led / Self-Paced Courses	10
Webinars	10

Professional Bodies Membership Details

S.No.	Membership No.	Society Name
1.	46834990	Women in Cyber Security (WiCys)
2.	7656951	Association for Computing machinery (ACM)

(Your Name & Signature with Date)

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