



# Sri SAI RAM INSTITUTE OF TECHNOLOGY

An Autonomous Institution | Affiliated to Anna University & Approved by AICTE, New Delhi

Accredited by NBA and NAAC "A+" | An ISO 9001:2015 Certified and MHRD NIRF ranked institution

Sai Leo Nagar, West Tambaram, Chennai - 600 044. [www.sairamit.edu.in](http://www.sairamit.edu.in)



## **DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING** **(CYBER SECURITY)**



Name : Ms Kavitha S

Designation : Assistant Professor-III

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Faculty ID : SITT24SC01

Qualification : M.E.,

Specialization : CSE (With Specialization in Networks)

Research Interest : Data Analytics, Azure Synapse Data analytics

Experience in years : Teaching UG  PG  Industry

No. of Workshop/Conferences / FDP attended : Workshop  Conferences  FDP

No. of Workshop/Conferences/ Hackathon Organized : Workshop  FDP  Hackathon

### **Education Qualification:-**

DEGREE	UNIVERSITY	YEAR OF PASSING	PERCENTAGE
M.E	Anna university, Chennai.	2015	8.89
B.E	Anna university, Chennai.	2010	76%



### List of Publications:-

1. Published a Paper for "Optimized Access point link selection- Qos Aware Resource Allocation for WiMAX Networks" IEEE International Conference on Communications and Signal Processing **2015 (ICCSP'15)** conducted by Adhiparasakthi Engineering College on **APRIL 2 , 3 rd and 4 th** .
2. Published a Paper in Scopus "An Effective Anti-Money Laundering System Using Block Chain Technology" 2024 International Conference on Smart Systems for Electrical, Electronics, Communication and Computer Engineering (ICSSECC), **28-29 June 2024**.
3. Published a Paper in Scopus "**Fire and Smoke Detection Using Deep Learning**" 2024 **2nd International Conference on Networking and Communications (ICNWC)**, **02-04 April 2024**.
4. Presented a Paper "Hybrid CNN-LSTM Model for Water Body Monitoring and Prediction using Sentinel-2 Data, International Conference on Information Technology and Artificial Intelligence (ITA2025), **24-25 Jan2025**.

### List of Faculty Development Program

SNO	Name of the Program	No of Days	Attended Institute Name	Name of the Program
1	FDP	5	ICT acadamey, Sri Sairam Institute of Technology	SALESFORCE ADMINISTRATOR
2	FDP	5	Rajalakhmini Engg College	Exploring Wearable Tech and AI Innovations for Personnel Healthcare
3	ATAL FDP	5	Prince Shri Bhavani Collge of tech	Advanced Computing (Supercomputing, AI, Quantum Computing
4	FDP	5	NITTTR	Presentation Skills For Effective Curriculum Implementation
5	NPTEL	12 Weeks	NPTEL	Internet of Things (IoT)
6	FDP	5	PSN College of Engineering and Technology	5G Communication Networks
7	FDP	6	ISTE, Sri Sairam Engg	Data journey: Discovering Science and Visualization
8	FDP	6	Sri Sairam Engineering College	IoT in Focus: Emerging Trends and Real - world Chellanges
9	TANSAM	5	Tidel Park, Taramani	Introduction to Virtual Reality
10	WFP(Wipro Faculty Program)	10	Wipro Talentnext, Shozhinganullur SEZ	Java Full Stack Developer

### List of Patents:

1. Published a Patent "Stealty Shadowstrike: Employed AI to Safegurad Cyber Physical Systems against RANSOMWARE Attacks", **02 Aug 2024**.
2. Published a Patent "ML and IoT Based Customer Relationship Management KISOK", **18<sup>th</sup> Jul 2024**.



## List of Events Organized:

1. Organized a 24 hours Hackathon, Q-Tuxathon by the Department of CSE (Cyber Security) April 3<sup>rd</sup> and 4<sup>th</sup> 2024.
2. Organized a CTF(Capture the Flag) Havoc 2.0 along SMC Society by the Department of CSE (Cyber Security) on 22<sup>nd</sup> September 2024.
3. Organised a Workshop for the Department of CSE (Cyber Security) on Cyber Tools and Ethical Hacking on 8<sup>th</sup> and 9<sup>th</sup> of August.
4. Organized a National Level Technical Symposium Cyber Synapse 1.0 by the Department of CSE(Cyber Security) on 26<sup>th</sup> September, 2024.
5. Organized a national Level FDP (Faculty Development Programme), Quantum Cryptography and Cyber Security on 2<sup>nd</sup> to 7<sup>th</sup> January 2025.
6. Acted as a Proctor in IEEE Xtreme and monitored an online event
7. Guided a team of Overall championship winner of Innovathon 3.0, conducted by SAIRAM institution SDG event
8. Guided a team of Goal wise winner of Goal 15 Solveathon 4.0, , conducted by SAIRAM institution SDG event
9. Acted as an Internal jury in the Inspirathon 2.0, Solveathon 4.0, SAP Hackfest, Innovathon 2.0, Solveathon 3.0.
10. Internal Evaluator for BIS S2T event conducted by the SAIRAM institutions.

## List of Industry Trainings:

1. Attended a 5 days Training Programme on Virtual Reality at TANSAM, Tharamani.
2. Attended a 2 days Faculty Mentor Training Programme at BIS office, Tharamani.
3. Attended a 10 days JAVA Full Stack Faculty Training Programme at Wipro Technologies, Chennai.

## Achievements:

1. Achieved a Top Performing Mentor in Internet of Things, NPTEL.
2. Achieved a Top Performing Mentor in Software Conceptual Testing, NPTEL.
3. Secured Elite in Internet of Things, NPTEL.
4. Completed the 8 modules of NITTTR.