

# SRI SAI RAM ENGINEERING COLLEGE

## DEPARTMENT OF INFORMATION TECHNOLOGY

<b>Name :</b> E.NITHYA	
<b>Designation:</b>	Assistant Professor
<b>Qualification:</b>	M.E.,Ph.D
<b>Area of Specialization:</b>	Information Technology.
<b>Experience:</b>	Teaching: 8Yrs. UG: - 8 PG:
	Industry: -NIL
<b>No. of workshop / Conferences / FDP attended :</b>	10
<b>Publication:</b>	<b>Journal:</b> SCI : 2 National: Nil International: 1
	<b>Conference:</b> National: 1 International: 7
	<b>Patent :</b> Granted : 1 Published : 2
	<b>Book Publication : 1</b>
<b>Research Guidance :</b>	NIL
<b>Membership :</b>	IEEE Member
<b>Achievements:</b>	<b>100 % Result:</b> <ul style="list-style-type: none"><li>• Obtained 100 percent pass percentage in the subjects Data Structures, Oops, OOAD, Computer Network, DBMS, PE, CP</li></ul>

## **Certification Courses:**

## **Publication:**

1. Published a paper titled “Convergent approaches to smart energy management in grids enhancing grid stability and efficiency through integrated solutions” in Q1 Journal of Energy,2025
2. Published a paper titled “Vision-Driven Indoor Fire Rescue System for Optimized Safety and Rapid Response” in the International IEEE conference ,2025
3. Published a paper titled “Cryptocurrency Price Prediction Using Machine Learning “ in the International IEEE conference ,2025
4. Published a paper titled “Optimized Emergency Communication System for Effective Disaster Management” in the International IEEE conference ,2025
5. Published a paper titled“Efficient Predefined time adaptive neural network for motor execution EEG signal classification based brain-computer interaction” in Q1 Journal of Knowledge-based systems,2024
6. Published a paper titled “Med Leaf Snap-Exploring Herbal and Toxic Leaves in the International IEEE conference,2024
7. Published a paper titled “Bird Nest Chronicles: A Novel Method for Avian Nest Classification Using Machine Learning” in the International IEEE conference,2024
8. Patent been granted for “Device for Employee attendance management using image capturing camera”,2024
9. Book Published in “Internet of Things” ,2024
10. Published a paper titled “A survey on Conversion of Audio and text to sign language and vice versa using deep learning” in the International IEEE conference ,2023
11. Published a paper titled “Bluetooth based Accident Prevention and Crime Control of Vehicles” in the International journal of Multee-Disciplinary Research, 2017
12. Presented a paper titled “Vision based Analytics and Optimization of Web Page” in the International conference on Emerging Trends in Engineering and technology, 2016.
13. Presented a paper titled” Web Content Management using Cloud Computing: An Access of Multiple Server based Resources” in the National conference organized by Sri Sairam Institute of technology, 2011.

## **Other Particulars:**

### **1. Events Coordinated:**

- i. National Conference – 01
- ii. International Conference - 01
- iii. Symposium - 01
- iv. Value Added Course - 01

### **2. Events Attended:**

- i. FDP/Workshop/Webinar – 04
- ii. Industrial Visit – 06
- iii. Tutorial Session - 03