


SRI SAI RAM ENGINEERING COLLEGE,CHENNAI-44

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Name & Photo :	Dr.K.Latha 
Designation:	Associate Professor
Qualification :	B.E.,M.Tech.,Ph.D
Area of Specialization :	Computer Science
	Teaching : 20 Years Industry : 4.8 Yrs
	Industry : -
No. of workshop/Conferences/F DP attended :	30
Publication :	Journal: International : 40 National: 6 Conference: National: 10 International: 38
Research Guidance :	<ol style="list-style-type: none"> 1. Co-Supervisor in Annamalai University (Candidate:MS.J.SWARNALAKSHMI) 2. DC Member in Sathyabama Institute of Science & Technology.
General : -	<ol style="list-style-type: none"> 1. Life Member in International association of Engineers(IAENG) 2. Life Member in international Society for Research and Development (ISRDR) 3. Life Member in ISTE Student Chapter 4. Professional Body Member in IEEE Computer Society. 5. Professional Body Member IEEE ITS Society.

<p>Staff Achievements: -</p>	<ul style="list-style-type: none"> ● Published paper in reputed International Journals ,Presented papers in various National and International Conferences ● Acted as Class Coordinator, Project Coordinator and mini project Coordinator ● Secured 100% results in Anna university examinations many times. ● Acted as ISO Coordinator for CSE department ● Acted as a National Conference Coordinator and Conference session chair. ● Fine Arts Club Coordinator. ● TNSCST, UBA, IEEE Stem and IEEE Sight Proposal Submitted. ● Received Academic Excellence Award in Technical Research Publication(TRP) Academic Awards ● Received AICTE Lilavati Award for the Theme Self Defence. ● Received Innovative Project Award in CSI Chapter. ● Acted as a reviewer in the Automatika Journal(SCI & WOS) ● Acted as a reviewer for various International Conferences.
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Professional Experience:

Sl. No	College / Organization	Designation	Period	
			From	To
1	Sri SaiRam Engineering College	Associate Professor	13.11.2000	Till Date

Workshop/Conference/FDP & Staff Development Programme:

- ❖ Participated in Staff Development Program “Instructional Design & Delivery” held in Sri Sai Ram Engineering College in Jan 2008.
Training on Quality Management System and Audit Training during May 2003.
- ❖ Technical enhancement Training on **LINUX Administration** during June 2003.
- ❖ Attended **Faculty Development Programme In Neural Networks** Conducted In M.I.T campus during November 2004.
- ❖ Attended **International Conference INCON-CCC** conducted by SSEC between 20th and 22nd August 2004
- ❖ One day Workshop on **current Trends in Network Security** , conducted by **Sri Sai Ram Engineering College** ,during **July 2004**
- ❖ Attended “**Two-day workshop on .Net & C#**” conducted by Computer science & Engg. Department **Sri Sai Ram Engineering College** in association with **Computer Society of India, Chennai Chapter** on 17th and 18th December 2004.
- ❖ Attended **Two Day Workshop on software Engineering & Object technology’** conducted by SSEC, Chennai on **23rd December 2004.**
- ❖ Attended **National Conference on Distributed Systems & Knowledge Engg.** Conducted by IT.& MCA , Sri Sai Ram Engineering College on 16th and 17th september 2005

- Attended **One day Workshop on Networks & Security** Conducted by Department of Electronics and Communication Engineering and BENCH MARK on 22nd September 2006
- Attended **Staff development programme on Information Technology in Telemedicine & E-Health** conducted by Department of Computer science and Engineering in association with Tata Consultancy Services from 9th to 21st July 2007.
- **Attended Staff development programme on Web Services and its application** conducted by Department of Computer Science and Engineering during May 2008.
- **Attended National seminar on Research methodologies in Next Generation Wireless Network** using OPNET by Department of Information Technology during August 2010
- **Attended two days workshop on Next Generation Wireless Networks** conducted by Department of Information Technology during March 2011
- **Attended CSIR sponsored two days seminar on Recent trends in SOA** conducted by Department of Information Technology during Jan 2012
- **Attended Workshop on Art of Journal and Thesis writing** conducted by Department of Mechanical Engineering during Jan 2012.
- **Attended FDP on Cloud Computing** conducted by Department of IT And TCS at Sri Sai Ram Engineering College on 5/5/14.
- **Attended Workshop on “Elastic Technologies of Cloud Computing”** conducted by SRM University during 20/08/2013 – 22/08/2013.
- **Attended FDP on Recent Trends in Cloud Computing and Virtualization** conducted by Department of CSE, Sri Sai Ram Engineering College
- **Attended FDP on Big Data and Internet of Things** conducted by Department of CSE, Sri Sai Ram Engineering College during 10/2/2014 – 14/2/2014
- **Attended FDP on Big Data and Internet of Things** conducted by Department of CSE, Sri Sai Ram Engineering College during 10/2/2014 – 14/2/2014
- **Attended FDP on Big Data and Internet of Things** conducted by Department of CSE, Sri Sai Ram Engineering College during 10/2/2014 – 14/2/2014

- **Attended FDP on Cloud computing and Big Data** conducted by Department of CSE Sri Sai Ram Engineering College during 8/12/2014 &9/12/2014.
- **Attended Workshop on Mobile Application Development** conducted by Sri Sai Ram Engineering College dept of cse during 17/2/2016 –20/2/2016.
- Attended FDP on Grid and Cloud Computing organized by **Sri Sai Ram Engineering college during 08/08/2016-09/08/2016.**
- **Attended Tech Workshop on Redhat(open source) Technology** and industry Adaptation Organized by sri sairam engineering college associated with Advantage pro, Redhat Linux on 5/12/2017.
- **Attended FDP on Data Science and Big Data Analytics** Organized by Conducted by ICT ACADEMY at sri sairam engineering college during 11/9/17 – 15/9/17.

International Conference:

- ❖ Presented a Paper titled “**Content Extraction after Eliminating Noisy Information in Web Pages with Web Crawler** “in National Conference on Data mining and Distributed Applications conducted by Sathyabama University held on September 2011.
- ❖ Paper titled “**Content Extraction after Eliminating Noisy Information in Web Pages with Web Crawler** “has been selected in International Conference on Cloud Computing and eGovernance 2012 ,Bangkok, Thailand to be held on July 26-28,2012.
- ❖ Paper titled ‘**Quantum cryptography increasing data security using six state protocol and applying it in distributing computing**’ has been selected in International Conference on Computer Science and Engineering(ICCSE) held at Pondicherry on 15th July 2012
- ❖ Paper titled ‘**Safer data transmission using steganography**’ has been selected in International Conference on Electrical, Electronics and Computer Science (ICEECS) held at Goa on 28th August 2012.

- Paper titled “**Convalescent the Efficacy of P2P Content Based File Sharing in Distributed Transient Network**” has been presented in International Conference on Electrical Communication and Computing ICECC-2014 13th & 14th March 2014.
- Paper titled “**Improving the Efficiency of P2P Content Based File Sharing in Disconnected MANET**” has been presented in 7th National Conference on Novel Notions in Engineering communication and Technology(NCONNECT-2014) on 7th March 2014, Department of IT, S.A.Engineering College.
- Paper titled “**Private Key and Public Auditing cryptosystem for Sharing Data in Cloud Storage**” has been presented in National Conference on Recent Trends in Information Technology(NCRTIT’15) at Adhiparasakthi Engineering College on 28th March 2015.
- Paper titled “**Hyper Elliptic and SIFT Technique for Security in a Cloud Systems**”, International conference on Computational Science and Technology, organized by dept of CSE, Sri SaiRam Engineering College, 9th and 10th March 2017.
- Paper titled “**Aspect Extraction and Ranking of Product Reviews**”, National conference on Recent Issues in Network Galaxy-RING, organized by dept of CSE, R.M.D. Engineering college, 4th April 2017.
- Paper titled “**Paladin 2-A Cloud Based Stress Management Application**” , National Conference on Smart Innovations in Communications and Computing (NCSICC’18) – Organized by Dept of CSE, Sri SaiRam Engineering College chennai on 27th March 2018.
- Paper titled “**Secure Dynamic Key Distribution For Secret Sharing Schemes With Malicious Detection And Prevention In Network**”, National Conference on Smart Innovations in Communications and Computing (NCSICC’18) – Organized by Dept of CSE, Sri SaiRam Engineering College chennai on 27th March 2018.
- Paper titled “**Detecting Password Breaches In Cloud Using Honey Encryption**”, National Conference on Smart Innovations in Communications and Computing (NCSICC’19)- 5 th March 2019.
- Paper titled “**Secure Data Distribution On Multiple Cloud**”, National Conference on Smart Innovations in Communications and Computing (NCSICC’19)- 5 th March 2019.
- Paper titled “**Proximity And Motion Tracking System**”, National Conference on Smart Innovations in Communications and Computing (NCSICC’19)- 5 th

March 2019.

- Paper titled “**HUMBUG BALLOT PREVENTION THROUGH BLOCKCHAIN USING AADHAAR CARD**” “International Conference on Computational Science and Technology ICCST 2020” in Sri Sairam Engineering College - 05.03.2020 & 06.03.2022.
- Paper titled “**VIRTUAL EDUCATION USING DEEP LEARNING TECHNIQUE**” “International Conference on Computational Science and Technology ICCST 2020” in Sri Sairam Engineering College - 05.03.2020 & 06.03.2022
- Presented paper on the title "**Image Forgery Detection Using Machine Learning**", Second National Conference on Smart Innovations in Communications and Computing(NCSICC-2021)-SSEC
- Presented paper on the title "**SECURED SHARING AND ACCESS OF CONFIDENTIAL DATA**", Second National Conference on Smart Innovations in Communications and Computing(NCSICC-2021)-SSEC
- Presented paper on the title "**Enhanced Hybrid Encryption With Slicing And Merging Of Data**", Second National Conference on Smart Innovations in Communications and Computing(NCSICC-2021)-SSEC
- Presented paper on the title “**Enhanced Hybrid Encryption Through Slicing and Merging of Data With Randomization Of Algorithms**”. 4th International Conference on Computing and Communication Technologies (ICCCT'21)
- Presented paper on the title “**VIRTUAL MIDWIFE FOR PREGNANT WOMEN AND ALERT SYSTEM**”. 4th International Conference on Computing and Communication Technologies (ICCCT'21)

International Journals

- Paper titled “**Revocable IBE combined with CRA to overcome the inadaptability problem**” published in “International Journal of Engineering and Advanced Technology” (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-1S, **October 2019 DOI:10.35940/ijeat.A1014.1091S19 SCOPUS INDEXED**
- Paper titled “**Security Scheme in Cloud System Using Hyper Elliptic Curve and SIFT Technique with QR Code**” published in “Wireless Personal Communications” ISSN

0929-6212 Wireless Personal Communication DOI
10.1007/s11277-019-06917-7 Published on 12 November 2019. **WEB OF SCIENCE
ANNEXURE 1 SCOPUS INDEXED**

- Paper titled **”Cloud Security using Biometric Access Control and Water Marked ECG”**. International Journal of Pharmacy & Technology, IJPT| **April- 2017**| Vol. 9 | Issue No.1 | 28315-28322.Received on: **03-02-2017** Accepted on: **12-03-2017**.ISSN: 0975-766X.
- Paper titled **”Block based Data Security and Data Distribution on Multi Cloud Environment** “,published in “Journal of Ambient intelligence and Humanized Computing” .ISSN 1868-5137.Springer.DOI 10.1007/s12652-019-01395-y. JULY 20th 2019 **WEB OF SCIENCE ANNEXURE 1 SCOPUS INDEXED**
- Paper titled **”Reducing cloud data breaches and improving data security using honey encryption algorithm”**, published in “International Journal of Innovative Technology and Exploring Engineering” (IJITEE) ISSN: 2278-3075, Volume-8, Issue-11S, September 2019.DOI: 10.35940/ijitee.K1253.09811S19 **SCOPUS INDEXED**.
- Paper titled **“Secure transmission of the data using quantum key distribution protocols and RSA algorithm”** published in **“Journal of Critical Reviews”** June 2020.**SCOPUS INDEXED**.
- Paper titled **“Wireless sensor networks based intelligent localization in hostile environment for energy conservation”** published in **“International Journal of Advanced Trends in Computer Science and Engineering”** Sep2020. **SCOPUS INDEXED**.
- Paper titled **A Review on Cloud Computing Security Issues** published in **AIP Conference Proceedings, 2023, 2523, 020138**.**SCOPUS INDEXED**.
- Paper titled **Deep Neural Networks for Applying Machine Learning Models in Wireless Networks** published in **AIP Conference Proceedings , 2023, 2523, 020063**. **SCOPUS INDEXED**.
- Paper titled **Vaelan Smart Irrigation System Using Iot** published in **3rd International Conference on Power, Energy, Control and Transmission Systems, ICPECTS 2022 - Proceedings, 2022**. **SCOPUS INDEXED**.
- Paper titled **Speech Recognized Face Composition Tool Using IoT** published in **3rd International Conference on Power, Energy, Control and Transmission Systems, ICPECTS 2022 - Proceedings, 2022**. **SCOPUS INDEXED**.
- Paper titled **System for Prioritizing Covid-19 Patients Based on Certain Parameters** published in **3rd International Conference on Power, Energy, Control and Transmission Systems, ICPECTS 2022 - Proceedings, 2022**. **SCOPUS INDEXED**.

- Paper titled **Medical Assistant App published in_3rd International Conference on Power, Energy, Control and Transmission Systems, ICPECTS 2022 - Proceedings, 2022. SCOPUS INDEXED.**
- Paper titled **Image Forgery Detection Using Machine Learning published in 3rd International Conference on Power, Energy, Control and Transmission Systems, ICPECTS 2022 - Proceedings, 2022. SCOPUS INDEXED.**
- Paper titled **Human Action Recognition Using Deep Learning Methods (CNN-LSTM) Without Sensors published in 2022 1st International Conference on Computational Science and Technology, ICCST 2022 - Proceedings, 2022, pp. 447–451. SCOPUS INDEXED.**
- Paper titled **Detection of Reviews and Comments using Machine Learning published in 2022 1st International Conference on Computational Science and Technology, ICCST 2022 - Proceedings, 2022, pp. 472–477. SCOPUS INDEXED.**
- Paper titled **“SMART SHOPPING CART USING RFID TECHNOLOGY”** published in **“International Journal of Research and analytical reviews”** May 2019.
- Paper titled **“User access over encrypted datasets in cloud environment”** published in **“International Journal of Mechanical and Production Engineering Research and Development”** Aug 2018. **SCOPUS INDEXED.**
- Paper titled **“Smart Agri Guide Intelligent Computing and Control for Engineering and Business Systems”** published in **Icebs 2023**
- Paper titled **“A Review on Cloud Computing Security Issues”** published in **Aip Conference Proceedings 2023**
- Paper titled **“Deep Neural Networks for Applying Machine Learning Models in Wireless Networks”** published in **Aip Conference Proceedings 2023**
- Paper titled **“A Block Chain-Enabled Novel Intelligent System Analysis for Medical Image Processing of Kidney Stone Prediction Using Deep Learning Techniques and Augmented Reality”** published in **Blockchain Enabled Solutions for the Pharmaceutical Industry 2024**
- Paper titled **“Industry-Specific IoT-Based Air Pollution Monitoring System 4th International Conference on Power Energy Control and Transmission Systems Harnessing Power and Energy for an Affordable Electrification of India”** published in **Icepts 2024**

- Paper titled “**Smart Coral Reef Monitoring System Using AI**” published in International Conference on Communication Computing and Internet of Things Ic3iot 2024 Proceedings

- Paper titled “**A multilayer edge-point steerable convolutional attention network for predictive intrusion detection and prevention**” published in wireless sensor networks Peer to Peer Networking and Applications 18(5) 2025

- Paper titled “**An Optimized Strategy for Brain Tumor Classification Using SO(3) Equivariant Graph Neural Networks with Snow Geese Algorithm in MRI Imaging**” published in Journal of Molecular Neuroscience 76(1) 2026