

RESUME



Name : Dr.S.Susila Sakthy
G4,Utsav Spice Villa,Nallathambo road
Pammal,Chennai-75

Designation : Associate Professor
Department of Information Technology
Sri Sai Ram Engineering College, West Tambaram,
Chennai-44.

Contact Details : 9994591734, susisakthy@gmail.com, susila.it@sairam.edu.in

CITATION

1. **Google Scholar** : <https://scholar.google.com/citations?hl=en&user=OGHS0LAAAAAJ>
2. **WOS Researcher ID**: <https://www.webofscience.com/wos/author/record/AAC-1902-2022>
3. **ScopusURL**:<https://www.scopus.com/authid/detail.uri?authorId=57195360506>
4. **ORCID**: <https://orcid.org/0000-0002-1008-3925>

Ph.D. - Anna University, Chennai – March-2021

M.E(Embedded Systems Technologies) – May 2006,
Arulmigu Kalasalingam College of Engineering -Anna University, Chennai.

B.E. (Computer Science & Engineering) - April 2000
Syed Ammal Engineering College,Ramanathapuram (Affiliated to Madurai Kamaraj University, Madurai)

THESIS TITLE

IMPROVING THE LIFETIME OF WSN USING THE CH AND TH SELECTION ALGORITHM WITH NOVEL SECURED ALGORITHM FOR RELIABLE DATA COMMUNICATION

TEACHING EXPERIENCE AT ENGINEERING COLLEGES

S.No.	Name of the Institution	Period	Designation
1.	Sri Sai Ram Engineering College, Chennai	August 2021-till	Associate Professor
1.	Sri Sai Ram Engineering College, Chennai	June 2008 – August 2021	Assistant Prof. in Information Technology
2.	Syed Ammal Engineering College,Ramanathapuram	June 2006 – May 2007	Lecturer in Computer Science & Engineering Department

RESEARCH SUPERVISOR

1. **Anna University Research supervisor-Reference Number 4040058**
2. **Guiding 8 Research Scholars**

RESEARCH AREA

1. Wireless sensor Networks
2. Artificial Intelligence
3. Networking

PATENT

1. **Hybrid Statistical Model to Distributed Server on Cloud Computing Environment** Inventor(s): Dr. Harish Chandra Mohanta, Mr. Dillip Kumar Mohanta, Dr. S. Sushila Sakthy, Mr. Venkateswara Rao Roniki, Dr. Sangeeta Gupta, Mrs P. Neelima, Dr. Sushma Jaisal, Mr. Tarun Jaisal, Dr. Ganganagunta Srinibas, Dr. Animesh Kumar Sharma, Assignee: Centurion University of Technology and Management, Odisha, India Published: 0000-00-00
2. **IoT based Low Cost Effective Public Transport Crowd Monitoring System** Inventor(s): 1 . Mrs. Aarthi E 2 . Ms. S. Susila Sakthy 3 . Mrs. Yoga Lakshmi P 4 . Dr. D. Balasubramanian 5 . Ms. K. Prathipa 6 . Mr. Lokesh S 7 . Ms. Bhavya S 8 . Mr. J. Lin Eby Chandra 9 . Er. Gori Mohamed J 10 . Ms. Nafi za 11 . Dr. S. Gopalakrishnan 12 Ms. Hemavathi S, Assignee: Published: 2022-07-01
3. **Design and Usability of Interfaces for Automated Vehicles** Inventor(s): 1 . Dr. S. Joshua Kumaresan 2 . Ms. S. Susila Sakthy 3 . Ms. Gomathy M 4 . Dr. Saswata Chakraborty 5 . Dr. Anuradha. T 6 . Ms. N. V. Haritha 7 . Dr. Rishabh Dev Shukla 8 . Dr. Venkatesh Mishra 9 . Dr. Aarti 10 . Dr. Ashmi Chakraborty 11 . Mr. Komal M. Garse 12 . Ms. B. Thyla, Assignee: Dr. S. Susila Sakthy Published: 2023-06-16
4. **Cybersecurity Intrusion Detection: Evaluating Deep Learning Models with the CICDDoS2019 Dataset** Ms. S. Susila Sakthy, Patent No., Engineering and Technology Approved, Filed 2024-10-08 Published 2024-10-18
5. **Sustainable Machine-Learning-Based Demand Forecasting and Energy Optimization System** Ms. S. Susila Sakthy Publication Date : 13/02/2026

GRANT RECEIVED

1. Received Grants of Rs 3,50,000/- from AICTE for conducting Atal FDP on “Cyber Security in Cloud Computing Technologies”
2. TEDP Technology based Entrepreneurship Program on “Computer Hardware Maintenance and Networking”, funded Rs.3,00,000 by Entrepreneurship Institute of India EDII, Gujarat held in 11/9/16-21/10/16.
3. IOT Based Safety Monitoring System in Street light, Funded Rs.1 Lakh by IEDC, 2016-2017
4. ISTE sponsored STTP on Machine Learning for Data Analysis in Industry 4.0 conducted on 8-2-2021 - 13- 2-2021

MEMBERSHIP IN PROFESSIONAL BODIES

1. IEEE COMPUTER SOCIETY, 2022 98128786 ANNUAL
2. IEEE MEMBERSHIP, 2022 ANNUAL
3. INSTITUTE OF ENGINEERING RESEARCH AND PUBLICATION, 2021 PROFESSIONAL
4. ISTE, 2020 LIFETIME
5. INSTITUTE OF ENGINEERING RESEARCH AND PUBLICATION, 2019 LIFETIME

INDUSTRY TRAINING ATTENDED

1. Attended 6 Days Industrial Internship on AR/VR using unreal engine Monolith Technologies, Ashok Nagar.
2. Attended 40 Days ,Train the trainer program on Full Stack Engineering in **Virtusa** held during July and August 2021
3. Attended 2 Days Training Program in Skill Development program for Tamil Nadu “Naan Mudhalvan “in **Infosys**,2022,Chennai.

BOOK CHAPTER

1. Susila Sakthy, Aruna Jasmine, Rani, Nithya, “Green internet of things - A study”, Chapter 16, pp 106-113, Book name: Recent trends in Engineering and Technology, 2021.
2. S.Susila Sakthy,S.Sheeba Rachel ,”Converging Omni channels and Integrating Data for Understanding Customers, Audiences and Media”,Management Analytics and Engineering Management.
3. Rani, Kalaichelvi, Susila Sakthy, “Outlier Detection for WSN based on Dempster Shafer theory”, Chapter 17,pp 114-128, Book name: Recent trends in Engineering and Technology, 2021.

BOOK PUBLICATION

- 1.R Programming ,AASAN Publication-2024,ISBN:9788196945035

INTER NATIONAL JOURNAL

SCI PUBLICATIONS

1. S Susila Sakthy, S Bose,Dynamic model node scheduling algorithm along with OBSP technique to schedule the node in the sensitive cluster region in the WSN,Wireless Personal Communications 114 (1), 265-279.(**SCI**)
2. S Susila Sakthy, S Bose,Optimising residual energy transmission head with SNR value in multiple clusters Wireless Personal Communications 108 (1), 107-120.(**SCI**)

SCOPUS PUBLICATIONS

1. Artificial Rabbit Combined K-medoid Golden Eagle Optimization for Energy Efficient Routing in WSN C Shayamalagowri, SS Sakthy,2025 3rd International Conference on Advancement in Computation & Computer
2. Personalized Music Recommendation System Based on Real-Time Facial Expression Analysis for Enhanced Emotional Experience,B Renukadevi, S Sakthy, S Vignesh, J SA,2025 International Conference on Computing and Communication Technologies ...
3. Attendance System Using CNN Face Recognition Algorithm
4. SS Sakthy, A Albina, A Shanmathi, A Akshaya,2025 International Conference on Computing and Communication Technologies
5. Smart Home Security System, SS Sakthy, K Wishwa, S Saran,2025 International Conference on Computing and Communication Technologies ,2025
6. Promoting Eco-Friendly Behaviour Through a Credit-Driven Waste Management App for Waste Reduction (GO-GREEN),SS Sakthy, R Rani, KR Saradha, SA Kumar, ARK Kumar, VM Bala
7. 2025 International Conference on Computing and Communication Technologies ...
8. Automated medicine dispenser assistant (AMDA)
9. SS Sakthy, TP Rani, KR Saradha, IV Madumitha, HA Khan, V Manikandan
10. 025 International Conference on Computing and Communication Technologies
11. A Comprehensive Survey on Energy-Efficient Wireless Sensor Network Protocols for Real-Time Applications KR Saradha, SS Sakthy,2025 International Conference on Computing and Communication Technologies ...
12. Framework for Quick Visuals Insight Discovery in the Data Workflows
13. S Sivamurugan, SS Sakthy2025 International Conference on Computing and Communication Technologies
14. S. Susila Sakthy, T. P. Rani, B. Sharmila and K. Abinaya, "Machine Learning Based Sign Language Recognition Translation Methods," 2024 International Conference on Communication, Computing and Internet of Things (IC3IoT), Chennai, India, 2024, pp. 1-4, doi: 10.1109/IC3IoT60841.2024.
15. 2. T. P. Rani, S. Sakthy, P. Kalaichelvi, S. Niranjana and S. Padmasri, "Solar Sentry," 2024 *International Conference on Communication, Computing and Internet of Things (IC3IoT)*, Chennai, India, 2024, pp. 1-4, doi:10.1109/IC3IoT60841.2024.10550287.
16. S. SusilaSakthy, B. R. Devi, T. P. Rani, P. Niveditha and D. Pooja, "Enhancing Accessibility and Inclusivity For People With Disabilities Using Hand Gesture Recognition," 2024 *10th International Conference on Communication and Signal Processing (ICCSP)*, Melmaruvathur, India, 2024, pp. 231-235, doi: 10.1109/ICCSP60870.2024.10543415.
17. Sakthy, S. Susila, et al. "Change Detection and Budget Estimation of Catastrophic Events Based on Image Processing." *International Conference on Deep Sciences for Computing and Communications*. Cham: Springer Nature Switzerland, 2023.
18. Rani, T.P., Sakthy, S.S., Kalaichelvi, P., Lavanya, M., Karthiga, G. (2024). Assisting Paralyzed Patients with Iot Based Mobile Application Using Hand Gestures. In: R., A.U., *et al.* Deep Sciences for Computing and Communications. IconDeepCom 2023. Communications in Computer and Information Science, vol 2176. Springer, Cham.
19. P Kalaichelvi, TP Rani, S Susila Sakthy, G Chidambara Raja, P Charan Reddy," Improving Drone Technology Performance In Crop Fertilization, 2023 International Conference on Networking and Communications (ICNWC), DOI: 10.1109/ICNWC57852.2023.10127356

20. Vijay Babu V; Mohamed Sayhanuddin N; S. Susila Sakthy, "Resource managing system for organizations and institutions", 2022 4th International Conference on Advances in Computing, Communication Control and Networking (ICAC3N)
21. TP Rani, Susila Sakthy, P Kalaichelvi, T Vignesh, M Priyadharshanm" Home Security and Anti-Theft System", 2022 1st International Conference on Computational Science and Technology (ICCST),Pages 130-133, DOI: 10.1109/ICCST55948.2022.10040423
22. Susila Sakthy S.;Rani T.P.;P. Kalaichelvi;Badrinaath R;Sugavanesh M," Predicting Parkinson's Disease Progression Using Machine Learning Ensemble Methods",2022 1st International Conference on Computational Science and Technology (ICCST)
23. T.P. Rani;P. Kalaichelvi;Susila Sakthy;S. Padmasri;Niranjana. S,"Monitoring and Training KIT for Autism Spectrum Disorder Patients Using Artificial Intelligence",2022 1st International Conference on Computational Science and Technology (ICCST)
24. S. Susila Sakthy;P. Kalaichelvi;T.P. Rani;P. Niveditha;D. Pooja,"An adaptable smart and IOT-based solution to assist handicapped and Elderly persons with kitchen-related tasks",
25. 2022 1st International Conference on Computational Science and Technology (ICCST)
26. S. Susila Sakthy;T.P. Rani;P. Kalaichelvi;Abinaya K;Sharmila B," An Automation Tool for Fair Price Shops in the Tamil Nadu Public Distribution System",2022 1st International Conference on Computational Science and Technology (ICCST)
27. Susila Sakthy, S., Adiline Macriga, G., Aruna Jasmine, J., Vijay Babu, V., Mohamed Sayhanuddin, N., Integrated Web Application for Skill Development and Job Application,Proceedings of the 2021 4th International Conference on Computing and Communications Technologies, ICCCT 2021, 2021, pp. 106–110
28. Macriga, G.A., Susial Sakthy, S., Niranjana, R., Sahu, S.,An Emerging Technology: Integrating IoT with 5G Cellular Network,Proceedings of the 2021 4th International Conference on Computing and Communications Technologies, ICCCT 2021, 2021, pp. 208–214
29. Jasmine, J.A., Srinivasan, S., Godson, M., Rani, T.P., Susila Sakthy,S , "Share Market Prediction Using Long Short Term Memory and Artificial Neural Network, ,"Proceedings of the 2021 4th International Conference on Computing and Communications Technologies, ICCCT 2021, 2021, pp. 13–16
30. Anantha Datta Dhruva a , Prasad B. b , Sujatha Kamepalli c , Susila Sakthy ,"An efficient mechanism using IoT and wireless communication for smart farming",materials today proceedings,2021
31. S.susila sakthy , S Priyanka, TU Lakshmi Web–Based Street Light System,2019 3rd International Conference on Computing and Communications
32. S S.susila sakthy ,Bose, X Ajitha, KM Anitha ,Signal to noise ratio based clustering approach for energy efficient WSN,2017 2nd International Conference on Computing and Communications ...
33. Susila Sakthy, S., Ragupathy, T., Kishore, G.,Smart Payment and Billing Management System,ICPECTS 2020 - IEEE 2nd International Conference on Power, Energy, Control and Transmission Systems, Proceedings,
34. TP Rani, Susila Sakthy, Outlier Detection Techniques in WSN,Ilkogretim Online 19 (4), 7025-7038
35. Susila Sakthy S T.P.Rani ,J.Aruna Jasmine,Trust Based Localization Technique,Elementary Education Online, 19 (4), 6638-6657
36. S.Susila Sakthy ,Udayalakshmi ,Kalaiselvi,Preethi, Detection of Diabetic Retinopathy (DR) Using Machine Learning,Test Engineering and Management, 14015 – 14018.
37. S Susila Sakthy, S Abirami,Fault Detection of Power Cable & Monitoring Power Supply Unit

38. Test Engineering and Management, 13877 – 13879
39.

INTER NATIONAL CONFERENCE ATTENDED & PRESENTED

1. S.Susila Sakthy,Nimish MS,Vignesh B, "Face Recognition and Attendance Marking using Machine Learning ",10th International Conference on Contemporary Engineering and Technology,2022.
2. S.Susila Sakthy,"Web based Street light System", 2019 Third International Conference on Computing and Communication Technologies (ICCCT'19) on 21rd and 21th February, 2019 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai, 2019
3. S.Susila Sakthy,Tamilarasi.T,Vaishnavi.R,Jenani.M, "Smart Energy Digital Meter And Power Theft Control Using Arduino", 2019 Third International Conference on Computing and Communication Technologies (ICCCT'19) on 21rd and 21th February, 2019 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai, 2019
4. S.Susila Sakthy,Dr.S.Bose,Ajitha .X,Anitha .K.M, "Signal to Noise Ratio Based Clustering Approach for Energy Efficient WSN", 2017 Second International Conference on Computing and Communication Technologies (ICCCT'17) on 23rd and 24th February, 2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai, 2017.
5. S.Susila Sakthy,Dr.S.Bose,Ajitha .X," Optimized Tree Integrated Clustering Technique for Energy Efficient WSN", International Conference On Computational Science And Technology,ICCST 2017,09th and 10th March, 2017,Organized by Department Of Computer Science And Engineering,Sri Sai Ram Engineering College, 2017
6. S.Susila Sakthy,Dr.S.Bose,Ajitha .X," DFS based Selective Data Transmission for Energy Efficient WSN", International Conference On Recent Trends in Computing and Information Technology. Department Of Computer Science And Engineering,SRM University, 2017.
7. S Susila Sakthy,B.Abinaya ,S.Gurupriya,M.Pooja," IOT Based Smart and Adaptive Lightning in Street Lights", 2017 Second International Conference on Computing and Communication Technologies (ICCCT'17) on 23rd and 24th February, 2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai, 2017
8. S Susila Sakthy,S.Aswini,A.Sangavi,S.Sangeetha," Emergency Evacuation For Congestion Detour Using Wireless Sensor Network", International Conference on Science and Innovative Engineering" on 3rd April 2016 at Jawahar Engineering College, Chennai, India., 2017
9. Susila Sakthy. S ,Nooruddin . ,M.A, Sathish,M, TharunKishore. M, "Optimization of MapReduce in,Bigdata", the International Conference on Breakthrough in Engineering, Science & Technology, 2016
10. S.Susila Sakthy ,Dr.S.Bose," Clustering Approaches in Wireless Sensor Networks: A survey", International Conference CoMSE ,conducted by Department of CSE,Anna University Chennai. 2015.
11. S. Susila sakthy,R.Gowrishangar,Md.Aadil Adam.E , "Secured Energy Efficient Approach in Wireless Sensor Networks Using Homomorphic Encryption, International conference on Emerging Trends in Engineering and Technology, 2014
12. S. Susila Sakthy, Taxonomy of Clustering Protocol in Wireless Sensor Networks: A Survey, International conference on Advances in Computer Science and Information Technology (ACSIT),2014, ISBN: 978-81-924031-3-7,, 2014
13. S. Susila Sakthy, Systematic Review on Clustering Protocol in Wireless Sensor Networks: A Survey, International conference on Science and Innovative Engineering,5th & 6th April 2014,Chennai,India, ISBN: 978-81-904760-5-8,, 2014

CITATION AND INDEX OF MY RESEARCH ARTICLES:

1. Research articles are Indexed in Elsevier, Scopus, Sci Index, Ulrich, DOAJ,EBSCO, and Google Scholar.
2. Research Articles Cited in Cite Seer ,I-SCHOLAR,Free patent online and Google Scholar.
3. Google Scholar citation (Citation articles:46, h-index- 4and i- index-1)

NATIONAL CONFERENCE ATTENDED & PRESENTED

1. Susila Sakthy.S, “Emergency Medical Advisor”, National Conference on Smart Innovation in Communication and computing,NCSICC’19,27th March,organized by department of Computer Science and Engineering ,Sri Sai Ram Engineering college,Chennai., 2019
2. Susila Sakthy.S, “A Survey on Natural Language Processing Technique”, National Conference on Recent Trends in Computing and Technology NCRCT’18 on 7th Marchl, 2017 organized by department of Information Technology,Sri Sai Ram Engineering college,Chennai., 2018
3. Susila Sakthy.S, “Fishermen Disaster Management System, National Conference on Recent Trends in Computing and Technology NCRCT’18 on 7th Marchl, 2017 organized by department of Information Technology,Sri Sai Ram Engineering college,Chennai., 2018
4. Susila Sakthy.S, Power Optimisation Techniques in IOT-A Survey, National Conference on Recent Trends in Computing and Technology NCRCT’18 on 7th Marchl, 2017 organized by department of Information Technology,Sri Sai Ram Engineering college,Chennai., 2018
5. S.Susila Sakthy, “IOT Based Safety Monitoring Systemin Street Light”, National Conference on Recent Trends in Computing and Communication NCRCTCC’18on 27th March, 2018 organized by Department of Computer Application, SriSai Ram Engineering college., 2018
6. S.Susila Sakthy, IOT Based Safety Monitoring Systemin Street Light, National Conference on Smart Innovation in Communication and computing,NCSICC’18,27th March,organized by department of Computer Science and Engineering ,Sri Sai Ram Engineering college,Chennai,2018
7. S.Susila Sakthy, Book Reader for Visually Impared people, National Conference on Smart Innovation in Communication and computing,NCSICC’18,27th March,organized by department of Computer Science and Engineering ,Sri Sai Ram Engineering college,Chennai., 2018
8. S.Susila Sakthy,C.Vignesh Gopi,C.Ramachandran,M.Srinivasa Raghavan,” Community Hub, National Conference on Recent Trends in Computing and Communication NCRCTCC’16 on 8th April, 2016 organized by department of Computer Application Sri Sai Ram Engineering college., 2018
9. Susila Sakthy.S,”Saranya.D, Intelligent Load Balance Clustering In Wireless Sensor Networks”, National Conference on Recent Trends in Computing and Communication NCRCTCC’16 on 8th April, 2016 organized by department of Computer Application ,Sri Sai Ram Engineering college., 2016
10. Susila Sakthy.S,Saranya.D, “Priority Based Multi Sencar Technique In Wireless Sensor Networks, National Conference on Recent Trends in Computing and Technology NCRCT’16 on 29th April, 2016 organized by department of information Technology,Sri Sai Ram Engineering college,Chennai,, 2016

11. S.Susila Sakthy ,Hemalatha,Sharmila, Nivedha, “Smart Eb-Meter Monitoring And Paying System”, National Conference on Recent Trends in Computing and Technology NCRTCT’16 on 29th April, 2016 organized by department of information Technology,Sri Sai Ram Engineering college,Chennai,,, 2016
12. S. Susila Sakthy,R.Gowrishangar,Md.Aadil Adam.E, “Secured Energy Efficient Approach in Wireless Sensor Networks Using Homomorphic Encryption, National Conference On “Computing and Technology”-NCCT’14, 2014
13. S. Susila Sakthy,H.Divyaa,R.kanmani,S.Vaishnavi, Fake Rating Detection using Temporal & Trust Analysis, National Conference on Novel Computing-NCNC’14, 2014
14. S. Susila Sakthy,H.Divyaa,R.kanmani,S.Vaishnavi, Fake Rating Detection using Temporal & Trust Analysis, the National Conference On “Computing and Technology”-NCCT’14.

FDP,WORKSHOPS AND SEMINARS

1. Attended one day FDP is organised on Outcome Based Education (OBE) for the teaching faculty on 5th April, 2019 organised by IQAC at Sri Sai Ram Engineering College.
2. Attended NPTEL FDP on Internet of Things in Jan - April 2019
3. Attended Virtual Atal FDP in “Artificial Intelligence”, at Dr APJ Abdul Kalam Technical University, Lucknow, on 29-8-2020 to 2-9-2020.
4. Attended Five days Virtual STTP at SSN College of Engineering on Cyber Security Tools from 30-3-2021 to 3-4-2021
5. Attended five days Virtual Atal FDP in “Machine Learning Concepts in Python”, at Government Polytechnic College, Gandhi nagar, Gujarat on 5-7-2021 to 0-7-2021.
6. Attended five days Virtual Atal FDP in “IOT and Cyber Security”, at Institute of Engineering and Management, Lucknow on 21-6-2021 to 25-6-2021.
7. Attended NPTEL FDP on Computer Networks and Internet Protocol in Jan - April 2021
8. Attended NPTEL FDP on Software Testing in Jan- Feb 2022
9. Attended FDP on "Wireless sensor networks and the Internet of things - A research perspective" from 10th to 12th December 2018 at S A Engineering College.
10. Attended FDP on Introduction to Mobile App development conducted by ICT Academy on 11-19-2018 to 11-20-2018 at Vels Institute of Science, Technology & Advanced Studies(VISTAS)
11. Attended 5 Days train the Trainer program on Security Infrastructure Specialist in association with IT-ITes Sector Skills Council NASSCOM
12. Attended 5 Days FDP on Cloud Security and Block chain Technology on 22.04.2019-26.04.2019 at Sri Sairam Engineering College.
13. Participated Seminar on “**Embedded Systems in Automotive and Industrial Automation**” Conducted by Software Technology Park of India and EFI, Tidal Park, Chennai.
14. Attended workshop on “**Genetic Algorithm in Engineering Optimization**” at Arulmigu Kalasalingam College of Engineering, Krishnan Koil.
15. Attended workshop on “**Wireless communication**” Conducted at Arulmigu Kalasalingam College of Engineering, Krishnan Koil.

16. Attended Work shop on “**Recent trends in Multimedia**” Conducted at SSN College of Engineering, Chennai.
17. Participated FDP on “**IBM-DB2 and IBM-Websphere**” Conducted by IBM Academic Initiative
18. Participated One day seminar on “**Data Structures Through C**” Conducted by Pearson at Loyola College
19. Participated National Seminar on “**Recent Trends in service oriented Architecture**” *Sponsored by CSIR* Sri Sairam Engineering College
20. Participated National Seminar on “**Research methodologies in Next Generation Wireless Network Using OPNET**” *Sponsored By Ministry of Communications and Information Technology* at Sri Sairam Engineering College
21. Attended SDP on” **Mobile Networks**” sponsored by AICTE at Sri Sairam Engineering College
22. Attended SDP on”**Recent Developments in Computing**” sponsored by AICTE at Sri Sairam Engineering College.
23. Tutorial sessions for “**ADVANCED COMPUTING TECHNOLOGIES**” conducted during 2015 IEEE International Conference on Computing and Communication Technologies (ICCCT'15) at Sri Sairam Engineering College.
24. FDP on **Cloud Computing & Bigdata** from 8th to 9th December 2014 at Sri Sairam Engineering College.
25. FDP on “**Software Testing**” held on 14th November 2014 at TCS, Siruseri Chennai.
26. Tutorial sessions on “**Cloud Computing & Semantic Web**” in the International Conference on Information, Systems and Computing - ICISC'13 during Jan 4th & 5th at Sri Sairam Engineering College.
27. Tutorial sessions on “**INTERNET OF THINGS**” in the 2017 Second International Conference on Computing and Communication Technologies (ICCCT'17) held on 23/02/17 & 24/02/17 at Sri Sairam Engineering College

EVENT ORGANISED

1. Coordinator for **TEDP** Technology based Entrepreneurship Program on “Computer Hardware Maintenance and Networking”, funded Rs.3,00,000 by **Entrepreneurship Institute of India EDII, Gujarath** held in 11/9/16-21/10/16.
2. Session Chair for International Conference on Information Systems and Computing (**ICISC- 2013**), Sri Sai Ram Engineering College on 4th Jan 2013.
3. Acted as reviewer in IEEE International Conference on Computing and Communication Technologies **ICCCT’ 2015, ICCCT’ 2017 and ICCCT 2019 and ICCCT2024**
4. Session Chair and Organising member for International Conference on Computing and Communication Technologies (**ICCCT- 2019**), Sri Sai Ram Engineering College on 21 & 22 Feb2019.
5. Coordinator for Entrepreneurship Awareness Camp sponsored by DST-IEDC held from 27 Feb 2019 to 16th March 2019.
6. Reviewer and Session chair for 4th IEEE International Conference on Computing and Communication Technologies (ICCCT21) organized by Department of Information Technology, Sri Sai Ram Engineering College on 16th and 17th Dec., 2021.
7. Coordinator for Five Days ISTE sponsored STTP on Machine Learning for Data Analysis in Industry 4.0 conducted on 8-2-2021 - 13-2-2021
8. Coordinator for Five Days Industry (Mind Tree) Technically sponsored FDP on No Code and Low Code Machine Learning Techniques conducted on 19-12-2022 - 23-12-2022

9. Coordinated Xtrofest'19 Organized by Department of Information Technology Sri Sai Ram Engineering College on 6th and 17th Dec., 2019.

10.Coordinator for a Students Seminar on Web Hacking 101 Uncovering Vulnerabilities in Web Application , on 6-4-23. 12.

11.Coordinator for Workshop for students on “Exploring Web and Network Vulnerabilities”, on 27-10-25

12.Coordinator for 5 day IEEE sponsored FDP in Generative AI,LLM and Transformers

13. Coordinated Infovista 25 Organized by Department of Information Technology Sri Sai Ram Engineering College on 28th and 29th October 2025.

KEY NOTE SPEAKER

1.Resource Person for Technology Based Entrepreneurship Development Program (TEDP)

Sponsored by DST – NIMAT, Govt. of India.(Department of Science & Technology- National Implementing and Monitoring Agency for Training)Department of IT, Sri Sai Ram Engineering College- “Computer Hardware Maintenance and Networking”.

2.Delivered Lecture on “Artificial Intelligence ” on 10.11.22at Ramanujam Engineering College, Chennai, Tamilnadu.

REVIEWER

1. Reviewer in International / National Advisory Committee / Technical Program Committee member/Reviewer for the AIIoT-2023 conference.
2. Reviewer in AICTE Sponsored IEEE International Conference on Networks, Multimedia and Information Technology (NMITCON) is being organized at Nitte Meenakshi Institute of Technology, Bengaluru, INDIA during 1st and 2nd, September 2023 in association with IEEE Bangalore Section
3. Reviewer in Materials Today:Proceedings in recognition of the review contributed to the Journal.
4. chair for the IEEE International conference on Computing and Communication Technologies (ICCCT15, ICCCT17 & ICCCT19,ICCCT24) organized by Department of Information Technology, Sri Sai Ram Engineering, College, Chennai
5. Reviewer for the International conference on **Recent trends in Computational Engineering and Technologies (ICTRCET-2018)**, organized by Department of Computer Science and Engineering, **RajaRajeswari College of Engineering, Bangalore.**

NPTEL-AICTE CERTIFICATIONS

1. Completed NPTEL course on Wireless Sensor Networks by April'2018 .
2. Completed 34 hours udemy course on Tech Explorations Arduino step by step on 22nd Nov'2019
3. Completed NPTEL course on Introduction to Internet of Things by April'2019 with score 85%
4. Completed NPTEL course on Software Testing by April'2019

5. Completed NPTEL course on Computer Networks and Internet Protocol by April'2018
6. **Practical Cyber Security for Cyber Security Practitioners** (Jul–Oct 2025)
7. **Cryptography and Network Security** (Jan–Apr 2025)
8. **Systems and Usable Security** (Jan–Feb 2025)
9. **Operating System Fundamentals** (Jul–Oct 2024)
10. **Ethical Hacking** (Jul–Oct 2024)
11. **Compiler Design** (Jan–Apr 2024)
12. **Introduction to Internet of Things** (Jan–Apr 2024, Jan–Apr 2019)
13. **Computer Networks and Internet Protocol** (Jan–Apr 2024, Jan–Apr 2021)
14. **Introduction to Database Systems** (Jan–Apr 2024)
15. **Software Testing** (Jan–Feb 2022)
16. **Wireless Ad Hoc and Sensor Networks** (Feb–Mar 2018)

NITTR MODULE CERTIFICATIONS

1. Module 1-8 completed

COURSERA CERTIFICATIONS

1. Introduction to Artificial Intelligence
2. AI For Everyone
3. Introduction to Project Management
4. Support Vector Machines with scikit-learn
5. Getting Started in Google Analytics
6. Beginning SQL Server
7. Introduction to Cybersecurity
8. R Programming
9. Introduction to Data Analytics
10. Foundational Artificial Intelligence
11. Introduction to the Internet of Things and Embedded System
12. Introduction to IOT
13. Fundamentals of Network Communication
14. Create Your First Python Program
15. Introduction to Robotic Process Automation
16. Basic Image Classification with TensorFlow

RESPONSIBILITIES AT SRI SAI RAM ENGINEERING COLLEGE

Responsibilities at Sri Sai Ram Engineering College

1. **Department IQAC Coodinator**
2. **Chief Mentor**
3. **Department ISO** Coordinator
4. Department NBA Criteria Coordinator
5. Member of NAAC Committee.
6. Department CSI Chapter Incharge
7. Research Coordinator
8. SCOPE members in IEEE Computational Intelligent Society
9. SCOPE members in Photography CLUB