**SRI SAIRAM ENGINEERING COLLEGE**

**DEPARMENT OF INFORMATION TECHNOLOGY**

**STAFF PUBLICATIONS COUNT FOR THE ACADEMIC YEAR June'2022-June 2023**

| Author | Title of the Paper | Conference Name | Venue | Month, Year |
|---|---|---|---|---|
| Dr.T.Sheela | Prevention and detection of poisoning attacks in medical based machine learning web applications | 3rd international conference on communication, networks and computing (cnc-2022) | ITM University, Gwalior | Dec-22 |
| Dr.T.Sheela | Naml- a novel approach of machine learning implementation in the hospitality industry | 7th international conference on inventive systems and control (icisc_2023) | JCT College Of Engineering And Technology | Jan-23 |
| Dr. G. Adiline Macriga | Artificial Intelligence Based Smart Robot Predicting Human Activities | International Conference on Computational Science and Technology (ICCST22) | Sri Sairam Engineering College | Nov-22 |
| Dr. G. Adiline Macriga | Brain Computer Interface for Stroke Psychotherapy:Intonation of Cortical High-Strung | 6th International Conference on Intelligent Sustainable Systems (ICISS 2023) | SCAD College of Engineering and Technology, Tirunelveli | Feb-23 |
| Dr. S. Sankari | Smart Guiding Assistant for Visually Impaired using Rasperry pi | IEEE Technically sponsored first INTERNATIONAL CONFERENCE ON COMPUTATIONAL SCIENCE AND TECHNOLOGY 2022 (ICCST 2022) | Sri Sairam Engineering College | 9 & 10 November, 2022 |
| Dr. S. Sankari | Cloud Assisted iot Enabled Forest Fire Detection System | IEEE International conference on "Power, Energy, Control and Transmission Systems" | Sri Sairam Engineering College | 8 & 9 December, 2022 |
| Dr. S. Sankari | Smart Blind Cane for Blind and Deaf People with a Safety Trigger | IEEE International conference on "Power, Energy, Control and Transmission Systems" | Sri Sairam Engineering College | 8 & 9 December, 2022 |

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| Dr. S. Sankari | Raspberry Pi based smart walking stick for visually impaired person | Proceedings of the International Conference on Research Advances in Engineering and Technology - itechcet 2021 | Musaliar college of engineering and technology, Kerala | 24th & 25th Sept., 2022 |
| Dr. S. Sankari | Identification Of Currency note for Blind People | The International Conference on Bio-Neuro Informatics and Algorithms (ICBNA 2022) | Symbiosis Institute of Digital and Telecom Management | 21 & 22 June, 2022 |
| Dr. S. Sankari | Image Compression Algorithm For Energy Efficiency Optimization In Wireless Sensor Networks | The International Conference on Bio-Neuro Informatics and Algorithms (ICBNA 2022) | Symbiosis Institute of Digital and Telecom Management | 21 & 22 June, 2022 |
| Dr. S. Sankari | Brain Computer Interface for Stroke Psychotherapy:Intonation of Cortical High-Strung | 6th International Conference on Intelligent Sustainable Systems (ICISS 2023) | SCAD College of Engineering and Technology, Tirunelveli | Feb-23 |
| Dr. M. Suresh Kumar | HELTRAK-A medical application with chatbot based on AI, | International Conference on Computational Science and Technology (ICCST22) | Sri Sairam Engineering College | Nov-22 |
| Dr. M. Suresh Kumar | AI BASED UI DEVELOPMENT USING DEEP NEURAL NETWORKS (AI-UI) | International Conference on Computational Science and Technology (ICCST22) | Sri Sairam Engineering College | Nov-22 |
| Dr. M. Suresh Kumar | AUTOMATIC SWITCHING OF HYBRID PELTIER MODULE FOR ELECTRONIC APPLICATION | International Conference on Computational Science and Technology (ICCST22) | Sri Sairam Engineering College | Nov-22 |
| Dr. M. Suresh Kumar | RAILWAY ACCIDENT PREVENTION USING ULTRASONIC SENSORS, | International Conference on Power Energy Control and Transmission Systems ICPECTS 2022 | Sri Sairam Engineering College | Dec-22 |
| Dr. M. Suresh Kumar | Flexible iot Based DSM-DG Strategy Adopted for Benefit Maximization in a Power System Network | 2022 International Conference on Future Trends in Smart Communities (ICFTSC) | Borneo Conventional Centre Kuching Sarawak, Malaysia | Dec-22 |
| Dr. M. Suresh Kumar | A GPS based bus tracking and unreserved ticketing system using QR based verification and | 4th International Conference on Data Intelligence and Cognitive Informatics | SCAD College of Engineering and Technology, Tirunelveli | Jun-23 |

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| Dr. M. Suresh Kumar | Annotation Tool and Urban Dataset for 3D point Cloud Semantic Segmentation | Twelfth International Conference on Advances in Computer Science and Application – CSA 2023 | **Association of Computer Electrical Electronics and Communication Engineers (aceecom)** | Mar-23 |
| Dr. T.P. Rani | A Voice and Spiral Drawing Dataset for Parkinson's Disease Detection and Mobile Application | IEEE International Conference on Communication, Computing and Internet of Things, IC3IoT 2022 | Sri Sairam Engineering College | Mar-22 |
| Dr. T.P. Rani | Share Market Prediction Using Long Short Term Memory and Artificial Neural Network | 4th International Conference on Computing and Communications Technologies (ICCCT) | Sri Sairam Engineering College | Feb-22 |
| Dr. T.P. Rani | Project Educate A skill based e-learning for rural areas | 4th International Conference on Computing and Communications Technologies (ICCCT) | Sri Sairam Engineering College | Feb-22 |
| Dr. T.P. Rani | An Automation Tool for Fair Price Shops in the Tamil Nadu Public Distribution System | IEEE Technically Sponsored FIRST INTERNATIONAL CONFERENCE ON COMPUTATIONAL SCIENCE AND TECHNOLOGY 2022 (ICCST 2022) | Sri Sairam Engineering College | Nov-22 |
| Dr. T.P. Rani | Home Security and Anti-Theft System | IEEE Technically Sponsored FIRST INTERNATIONAL CONFERENCE ON COMPUTATIONAL SCIENCE AND TECHNOLOGY 2022 (ICCST 2022) | Sri Sairam Engineering College | Nov-22 |
| Dr. T.P. Rani | Predicting Parkinson's Disease Progression Using Machine Learning Ensemble Methods | IEEE Technically Sponsored FIRST INTERNATIONAL CONFERENCE ON COMPUTATIONAL SCIENCE AND TECHNOLOGY 2022 (ICCST 2022) | Sri Sairam Engineering College | Nov-22 |
| Dr. T.P. Rani | An adaptable smart and IOT-based solution to assist handicapped and Elderly persons with kitchen-related tasks | IEEE Technically Sponsored FIRST INTERNATIONAL CONFERENCE ON COMPUTATIONAL SCIENCE AND TECHNOLOGY 2022 (ICCST 2022) | Sri Sairam Engineering College | Nov-22 |
| Dr. T.P. Rani | Monitoring and Training KIT for Autism Spectrum Disorder Patients Using Artificial Intelligence | IEEE Technically Sponsored FIRST INTERNATIONAL CONFERENCE ON COMPUTATIONAL SCIENCE AND TECHNOLOGY 2022 (ICCST 2022) | Sri Sairam Engineering College | Nov-22 |

| Dr. T.P. Rani | Improving Drone Technology Performance In Crop Fertilization | IEEE International Conference on Networking and Communications 2023 (ICNWC 2023) | SRM, CHENNAI | Apr-23 |
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| Dr. Soma Prathibha | Synthesizing Data Analytics towards Intelligent Enterprises," | 2022 International Conference on Advanced Computing Technologies and Applications (ICACTA) | Reva Univesity | Apr-22 |
| Dr. Soma Prathibha | Detection Methods for Software Defined Networking Intrusions (SDN), | 2022 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI), 2022, | St.Joseph College | Apr-22 |
| Dr. Soma Prathibha | Light Fidelity (Li-Fi) based Indoor Communication System, | 2022 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI), 2022, | St.Joseph College | Apr-22 |
| Dr. Soma Prathibha | Big Data Analysis for E-Trading System," | 2022 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI), 2022, | St.Joseph College | Apr-22 |
| Dr. Soma Prathibha | TELEFIT - An iot enabled health care Device," 2022 International Conference on Electronic Systems and Intelligent Computing (ICESIC) | International Conference on Electronic Systems and Intelligent Computing (ICESIC) | Vel Tech | Jun-22 |
| Dr. Soma Prathibha | **AI and Web Application in Medicine Delivery Drones** | 2022 International Conference on Applied Artificial Intelligence and Computing (ICAAIC) | Narasu's Sarathy Institute of Technology | Jun-22 |
| Dr. R. Ranjana | Movie Recommendation system using machine learning | 4th International Conference on Inventive Research in Computing Applications | RVS College of Engineering and Technology | Sep-22 |
| Dr. R. Ranjana | Virtual alphabet recognition using deep convolution neural networks | 4th International Conference on Inventive Research in Computing Applications | RVS College of Engineering and Technology | Sep-22 |
| Dr. R. Ranjana | Group-Based Recursive Learning for Multi Stage Object Detection | DST sponsored IC on Intelligent Health care and Computaional Neural Modelling | Mohan Babu University | 30.11.2022 to 1.12.2022 |

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| Dr. R. Ranjana | Hybrid Gender and Age Classification Using Deep Learning | DST sponsored IC on Intelligent Health care and Computaional Neural Modelling | Mohan Babu University | 30.11.2022 to 1.12.2022 |
| Dr. R. Ranjana | Product Reviewer | COMPUTATIONAL SCIENCE AND TECHNOLOGY 2022 (ICCST 2022) | Sri Sairam Engineering College | 09/11/2022 and 10/11/2022 |
| Dr. P.Kalaichelvi | Improving Drone Technology Performance In Crop Fertilization | 2023 International Conference on Networking and Communications (ICNWC) | SRM Institute of Science and Technology | May-23 |
| Ms. V.K.G.Kalaiselvi | Analysis of Pima Indian Diabetes Using KNN Classifier and Support Vector Machine | 2022 Third International Conference on Intelligent Computing Instrumentation and Control Technologies (ICICICT) | Vimal Jyothi Engineering College,Kerala | 11&12 August 2022 |
| Ms. V.K.G.Kalaiselvi | Drowning Detection and Prevention System | 2022 1st International Conference on Computational Science and Technology (ICCST) | Sri Sairam Engineering College/CSE | 09 &10/11/2022 |
| Ms. V.K.G.Kalaiselvi | Transportation Management System | 2022 1st International Conference on Computational Science and Technology (ICCST) | Sri Sairam Engineering College/CSE | 09 &10/11/2022 |
| Ms.V.K.G.Kalai selvi | **Efficient Change Map Detection from Imagery Data using Machine Learning Approach** | 2023 International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE) | Ballari Institute of Technology and Management | Jun-23 |
| Ms. J.Ranjani | G-get:all in one donation APP | COMPUTATIONAL SCIENCE AND TECHNOLOGY 2022 (ICCST 2022) | Sri Sairam Engineering College | 09-10 November 2022 |
| Ms. J.Ranjani | Transportation Management System | COMPUTATIONAL SCIENCE AND TECHNOLOGY 2022 (ICCST 2022) | Sri Sairam Engineering College | 09-10 November 2022 |
| Ms. J.Ranjani | A Deep study of Data science related problems, application and machine learning algorithms utilized in Data science | 2022 International Conference on Communication, Computing and Internet of Things, IC3IoT 2022 | Sri Sairam Engineering College | 10-11 March 2022 |

| Ms. J.Ranjani | Illegal Fishing Detection using Neural Network | 2022 International Conference on Communication, Computing and Internet of Things, IC3IoT 2022 - | Sri Sairam Engineering College | 10-11 March 2022 |
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| Ms. J.Ranjani | Saline Infusion Monitoring and Control System Using iot | 2nd IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics, ICDCECE 2023, | Ballari Institute of Technology and Management | 29-30 April 2023 |
| Ms. J.Ranjani | Efficient Change Map Detection from Imagery Data using Machine Learning Approach | 2nd IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics, ICDCECE 2023, | Ballari Institute of Technology and Management | 29-30 April 2023 |
| Ms. B.Kamala | A Reliable Integrated Storage and Management Using Blockchain | International Conference on Computational Science and Technology (ICCST22) | Sri Sairam Engineering College | 09/11/2022 and 10/11/2022 |
| Dr. S. Susila sakthy | An adaptable smart and IOT-based solution to assist handicapped and Elderly persons with kitchen-related tasks | International Conference on Computational Science and Technology (ICCST22) | Sri Sairam Engineering College | Feb-23 |
| Dr. S. Susila sakthy | An Automation Tool for Fair Price Shops in the Tamil Nadu Public Distribution System | International Conference on Computational Science and Technology (ICCST22) | Sri Sairam Engineering College | Feb-23 |
| Dr. S. Susila sakthy | Home Security and Anti-Theft System | International Conference on Computational Science and Technology (ICCST22) | Sri Sairam Engineering College | Feb-23 |
| Dr. S. Susila sakthy | Monitoring and Training KIT for Autism Spectrum Disorder Patients Using Artificial Intelligence | International Conference on Computational Science and Technology (ICCST22) | Sri Sairam Engineering College | Feb-23 |
| Dr. S. Susila sakthy | Predicting Parkinson's Disease Progression Using Machine Learning Ensemble Methods | International Conference on Computational Science and Technology (ICCST22) | Sri Sairam Engineering College | Feb-23 |
| Ms. S.Anitha Jebamani | Books Tracking and Review Application | 2022 8th International Conference on Smart Structures and Systems (ICSSS) | Saveeetha Engineering College | 21/4/22 |

| Ms. S.Anitha Jebamani | Soil Forecasting and Classification Using JSO and Intelligent Technique With Big Data on Crop Yield | International Conference on Intelligent Technologies in Security and Privacy for Wireless Communication, ITSPWC 2022 | EAI,Karur, Tamilnadu, India | Apr-22 |
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| Ms. S.Anitha Jebamani | Smart App for Hospital Management System | 1st International Conference on Computational Science and Technology | Sri Sai Ram Engineering College | Dec-22 |
| Ms. S.Anitha Jebamani | Implementation of hyper parameter optimization in liver Disease Prediction | 3rd INTERNATIONAL CONFERENCE ON POWER, ENERGY, CONTROL AND TRANSMISSIONS | Sri Sai Ram Engineering College | Dec-22 |
| Ms. S. Gomathi | Skin Disease Classification using Convolutional Neural Network | 2022 International Conference on Applied Artificial Intelligence and Computing (ICAAIC) | Narasu's Sarathy Institute of Technology, Salem, India. | Jun-22 |
| Ms. S. Gomathi | Design and Implementation of an Iot-Based System For Monitoring Nutrients and irrigation in agricultural soil | 1st International Conference on Computational Science and Technology | Sri Sai Ram Engineering College | Dec-22 |
| Ms. S.Sheeba Rachel | EDSYS : A SMART CAMPUS MANAGEMENT SYSTEM | 2022 1st International Conference on Computational Science and Technology (ICCST) | Sri Sai Ram Engineering College | Dec-22 |
| Ms. S.Sheeba Rachel | TRACKME - SMART WATCH FOR WOMEN | 2022 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS) | Sri Sai Ram Engineering College | Feb-23 |
| Ms. B.Renukadevi | Pickit   be Safe With Us | International Conference on Computational Science and Technology (ICCST) | Sri Sai Ram Engineering College | 09-10 November 2022 |
| Ms. B.Renukadevi | Automatic Forensic Analysis of Criminal Navigation System using Machine Learning | International Conference on Computational Science and Technology (ICCST) | Sri Sai Ram Engineering College | Dec-22 |
| Ms. B.Renukadevi | An Early Prediction Model for Chronic Kidney Disease Using Machine Learning | 2023 International Conference on Networking and Communications (ICNWC) | SRM University | May-23 |

| Ms. B.Renukadevi | Containment Zone Alert Application | 2nd International Conference on Deep Sciences for Computing and Communications | SRM University | Apr-23 |
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| Ms.K.R.Saradha | AI and Web Application in Medicine Delivery Drones | 2022 International Conference on Applied Artificial Intelligence and Computing (ICAAIC) | Narasu's Sarathy Institute of Technology | Jun-22 |
| Ms.K.R.Saradha | Sentimental Analysis to detect mental illness | IEEE Technically Sponsored FIRST INTERNATIONAL CONFERENCE ON COMPUTATIONAL SCIENCE AND TECHNOLOGY 2022 (ICCST 2022) | Sri Sairam Engineering College | Feb-23 |
| Ms.K.R.Saradha | Ultra-Modern Walking Stick Designed For The Blind | 2023 International Conference on Networking and Communications (ICNWC) | SRM institute of science & Technology | Apr-23 |
| Ms.R.Saranya | Sentimental Analysis to detect mental illness | IEEE Technically Sponsored FIRST INTERNATIONAL CONFERENCE ON COMPUTATIONAL SCIENCE AND TECHNOLOGY 2022 (ICCST 2022) | Sri Sairam Engineering College | Feb-23 |
| Ms.T.Manju | Yolo Convolutional Neural Network Algorithm for Recognition of Indian Sign Language Gestures | International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI-2023) | St.Joseph's College of Engineering | May-23 |
| Ms.V.Valarmathi | Design and Implementation of Secured Contactless Doorbell using IOT | 2022, International Conference on Computer, Power and Communications(ICCPC) | Sri Sairam Institute of Technology | Mar-23 |
| | Animal Welfare and Health Abided System with Integrated Website | International Conference on Data Science, Agents & Artificial Intelligence 2022): (ICDSAAI 2022) | Chennai Institute of Technology | Dec-22 |
| Ms.K.Neela | Detection and Diagnosis of Meningioma Brain Tumors using Proposed CNN Architecture | 2022 International Conference on Inventive Computation Technologies (ICICT) | Ponjesly engineering college | Aug-22 |

| Ms.K.Neela | Structured Data Collection Algorithm for Wearable Device in iot and WSN | 2022 6th International Conference on Intelligent Computing and Control Systems (ICICCS) | St.Joseph College | Jun-22 |
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| Mr. P Vasanthan | Cognitive Epidemic Supervision And Control By Interpretation Of Infected Patients | 2023 International Conference on Networking and Communications (ICNWC) | SRM institute of science & Technology | Apr-23 |