

**SRI SAIRAM ENGINEERING COLLEGE****DEPARTMENT OF INFORMATION TECHNOLOGY****STAFF PUBLICATIONS FOR THE ACADEMIC YEAR JUN 2023- MAY 2024**

<b>Author</b>	<b>Title of the Paper</b>	<b>Journal Name</b>	<b>Indexed in</b>	<b>Month/Year</b>
Dr. M.Suresh Kumar	Analyzing histopathological images by using machine learning techniques	Applied Nanoscience	SCI / WOS	Jul 2023
Dr. M.Suresh Kumar	Intelligent Deep Learning Enabled Human Activity Recognition for Improved Medical Services	Tech Science Press	SCI / WOS	2023
Dr. T.P. Rani	CH selection and compressive sensing-based data aggregation in WSN using hybrid Golden circle-inspired optimization	Wiley	SCI / WOS	Jul 2023
Dr. T.P. Rani	Enhancing Accessibility and Inclusivity For People With Disabilities Using Hand Gesture Recognition	INTERNATIONAL JOURNAL OF NOVEL RESEARCH AND DEVELOPMENT	SCOPUS	Apr 2024
Dr. R. Ranjana	Gesture Recognition for Enhancing Human Computer Interaction	Journal of Scientific & Industrial Research	SCOPUS	2023
T.Manju	Increasing the Social Interaction of Autism Child using Virtual Reality Intervention (VRI)	ACM Transactions on Asian and Low-Resource Language Information Processing	SCI / WOS	2023

Dr. S. Sankari	Optimized scheduling of multi-user Map-Reduce jobs in heterogeneous environment	Wiley	SCI / WOS	Jun 2023
Dr. S. Sankari	Brain Computer Interface for Stroke Psychotherapy: Intonation of Cortical High-Strung	SPRINGER	SCOPUS	Jun 2023
Dr. SomaPrathibha	A Hybrid Firefly with Dynamic Multi-swarm Particle Swarm Optimization for WSN Deployment	Journal of Internet Technology	SCI / WOS	Jul 2023
Dr. SomaPrathibha	A Novel Technique for Detecting Various Thyroid Diseases Using Deep Learning	Tech science press	SCI / WOS	2023
Dr. R. Ranjana	Gesture Recognition for Enhancing Human Computer Interaction	NIScPR-CSIR,India	SCOPUS	2023
Ms. S. Gomathi	Dense Convolutional Neural Network for Detection of Cancer from CT Images (Retracted Article)	Wiley	SCI / WOS	2023
Ms. S. Gomathi	An Innovative approach to Improve the Quality of Pharmaceuticals approach using Cloud Computing	EAI endorsed transactions on pervasive health and Technology	SCOPUS	Mar 2024
Mr.P.Vasanthan	UnLoc: A Universal Localization Method for Autonomous Vehicles using LiDAR, Radar and/or Camera Input	Cornell University	SCI / WOS	2023

Mr.P.Vasanthan	Integrated global and local feature extraction and classification from computerized tomography (CT) images for lung cancer classification	AE press	SCI / WOS	2024
Mr.P.Vasanthan	Slice Transformer and Self-supervised Learning for 6DoF Localization in 3D Point Cloud Maps	Cornell University	SCI / WOS	2023
Ms.V.Valarmathi	Enhancing IoT security in MANETs: A novel adaptive defense reinforcement approach	SPRINGER	SCOPUS	May 2024
Ms. V.K.G.Kalaiselvi	INTELLIGENT AUTONOMOUS PARKING SYSTEM INTEGRATING RFID AND IoT FOR SMART CITIES	Telecommunications and Radio Engineering	SCOPUS	May 2024
Dr. T.Sheela	NAML—A Novel Approach of Machine Learning Implementation in the Hospitality Industry	IEEE XPLORE	SCOPUS	Jun 2023
Dr. T.Sheela	Prevention and Detection of Poisoning Attacks in Medical-Based Machine Learning Web Applications	IEEE XPLORE	SCOPUS	Sep 2023
Dr. G. AdilineMacruga	Brain Computer Interface for Stroke Psychotherapy: Intonation of Cortical High-Strung	IEEE XPLORE	SCOPUS	Jun 2023
Dr. S. Sankari	Automated Mishap Detection and Prevention System for Vehicles	IEEE XPLORE	SCOPUS	Jun 2023

Dr. S. Sankari	Gas Leakage Detection System using Arduino	IEEE XPLORE	SCOPUS	Mar 2024
Dr. S. Sankari	Design of an Efficient Mac Unit for DSP Applications	IEEE XPLORE	SCOPUS	Mar 2024
Dr. S. Sankari	Raspberry-Pi Based Exigence Informer	IEEE XPLORE	SCOPUS	Mar 2024
Dr. S. Sankari	Agro Gen-Next	IEEE XPLORE	SCOPUS	Dec 2023
Dr. SomaPrathibha	Survey on Prevention of DDoS Using Blockchain	IEEE XPLORE	SCOPUS	Aug 2023
Dr. SomaPrathibha	Propchain: Decentralized Property Management System	IEEE XPLORE	SCOPUS	Jan 2024
Dr. T.P. Rani	Solar Sentry	IEEE XPLORE	SCOPUS	Jun 2024
Dr. T.P. Rani	Visual Information Translator Using Smart Glasses for Blind	IEEE XPLORE	SCOPUS	Mar 2024
Dr. T.P. Rani	Fake App Detection Using Sentiment Analysis	IEEE XPLORE	SCOPUS	Mar 2024
Dr. T.P. Rani	Machine Learning Based Sign Language Recognition Translation Methods	IEEE XPLORE	SCOPUS	June 2024

Dr. SomaPrathibha	Design and Implementation of Solar Electrification Station for Sustainable Energy Access	IEEE XPLORE	SCOPUS	2024
Dr. SomaPrathibha	Propchain: Decentralized Property Management System	IEEE XPLORE	SCOPUS	2024
Dr. SomaPrathibha	Crack Detection for Metal Surfaces Using Deep Learning Model	IEEE XPLORE	SCOPUS	Mar 2024
Dr. SomaPrathibha	Application of augmented reality and virtual reality technologies for maintenance and repair of automobile and mechanical equipment	IEEE XPLORE	SCOPUS	2024
Dr. SomaPrathibha	Ultra-Modern Walking Stick Designed for the Blind	IEEE XPLORE	SCOPUS	2023
Dr. R. Ranjana	E-Commerce System Using Augmented Reality	IEEE XPLORE	SCOPUS	Dec 2023
Dr. R. Ranjana	Gesture Recognition for Enhancing Human Computer Interaction	IEEE XPLORE	SCOPUS	2023
Dr. R. Ranjana	Convolutional Neural Network Model for Traffic Sign Recognition	IEEE XPLORE	SCOPUS	May 2023
Dr. R. Ranjana	Livspecs: Design and Implementation of Smart Specs for Hearing and Visually Challenged Persons	IEEE XPLORE	SCOPUS	2023

Dr. P.Kalaichelvi	Solar Sentry	IEEE XPLORE	SCOPUS	2024
Dr. P.Kalaichelvi	Fake App Detection Using Sentiment Analysis	IEEE XPLORE	SCOPUS	2023
Dr. P.Kalaichelvi	Visual Information Translator Using Smart Glasses for Blind	IEEE XPLORE	SCOPUS	2023
Dr. P.Kalaichelvi	Improving Drone Technology Performance in Crop Fertilization	IEEE XPLORE	SCOPUS	2023
Ms. J.Ranjani	Saline Infusion Monitoring and Control System Using IoT	IEEE XPLORE	SCOPUS	Jun 2023
Ms. J.Ranjani	Efficient Change Map Detection from Imagery Data using Machine Learning Approach	IEEE XPLORE	SCOPUS	June 2023
Ms. V.K.G.Kalaiselvi	Implementation of IoT Enabled RFID Driven Human Life Rescuer in Railways	IEEE XPLORE	SCOPUS	2024
Ms. V.K.G.Kalaiselvi	Eye Movement analysis And Prediction Using Image Processing	IEEE XPLORE	SCOPUS	2024
Ms. V.K.G.Kalaiselvi	Sustainable Algorithms using Artificial Intelligence and Various Stages for Precision Agricultural Cultivation	IEEE XPLORE	SCOPUS	2023

Ms. V.K.G.Kalaiselvi	CISUM: Novel Research on Cloud Computing Simulators and Future Scope for Computational Research	IEEE XPLORE	SCOPUS	2023
Ms. V.K.G.Kalaiselvi	Efficient Change Map Detection from Imagery Data using Machine Learning Approach	IEEE XPLORE	SCOPUS	June 2023
Ms. V.K.G.Kalaiselvi	Secured Cloud Environment for Improved Web Services in Agricultural Sector	IEEE XPLORE	SCOPUS	June 2023
Ms. B.Kamala	Replacing the Traditional Music Black Box:A Blockchain Based Approach For Securing Music Sharing Systems	IEEE XPLORE	SCOPUS	Apr 2024
Dr. S. SusilaSakthy	Solar Sentry	IEEE XPLORE	SCOPUS	Jun 2024
Dr. S. SusilaSakthy	Visual Information Translator Using Smart Glasses for Blind	IEEE XPLORE	SCOPUS	Mar 2024
Dr. S. SusilaSakthy	Fake App Detection Using Sentiment Analysis	IEEE XPLORE	SCOPUS	Mar 2024
Dr. S. SusilaSakthy	Machine Learning Based Sign Language Recognition Translation Methods	IEEE XPLORE	SCOPUS	June 2024
Ms. S.AnithaJebamani	Vehicular Assistance Using ML Algorithm	IEEE XPLORE	SCOPUS	June 2024

Ms. S.AnithaJebamani	IoT Based Vehicle Tracking and Monitoring System Using Smart Application	IEEE XPLORE	SCOPUS	Mar 2024
Ms. S.AnithaJebamani	AR Upgraded Windshield	IEEE XPLORE	SCOPUS	Jan 2024
Ms. S.AnithaJebamani	Modified Long Short Term Memory-Puzzle Optimization Algorithm for Task Offloading Prediction in Mobile Edge Computing	IEEE XPLORE	SCOPUS	Jan 2024
Ms. S. Gomathi	Jackfruit Tree Disease Detection Using Deep Learning	IEEE XPLORE	SCOPUS	Mar 2024
Ms. S. Gomathi	Visually Impaired Job Alert Provider App	IEEE XPLORE	SCOPUS	Jan 2024
Ms. S. Gomathi	Deep Learning-Based Automated Early-Stage Diagnosis of Multiple Diseases	IEEE XPLORE	SCOPUS	Jan 2024
Ms. S.SheebaRachel	LEARNAUT - Upgraded Learning Environment and Web Application for Autism Environment using AR-VR	IEEE XPLORE	SCOPUS	Jan 2024
Ms. S.SheebaRachel	VATTEN: A Smart Water Monitoring System	IEEE XPLORE	SCOPUS	Jan 2024
Ms. B.Renukadevi	Health Analysis and Prediction Using Machine Learning	IEEE XPLORE	SCOPUS	Jan 2024



Ms. D.Thamizhselvi	Obstacle Detection on Road and Indication on Map at Rainy Times	IEEE XPLORE	SCOPUS	Jun 2024
Ms. D.Thamizhselvi	Lung Cancer Detection Using Transfer Learning Algorithm	IEEE XPLORE	SCOPUS	Jun 2024
Ms. D.Thamizhselvi	Air Quality Prediction Using Adaboost	IEEE XPLORE	SCOPUS	Mar 2024
Ms. D.Thamizhselvi	Streak – Social Media Platform with Dynamic Identification of Spam Words, Phishing Urls, Misleading Products and Agencies	IEEE XPLORE	SCOPUS	Jan 2024
Ms.K.R.Saradha	Cursor Control Based on Eyeball Movement Using Deep Learning	IEEE XPLORE	SCOPUS	Mar 2024
Ms.K.R.Saradha	Cybug - The Malicious File Detecting Software	IEEE XPLORE	SCOPUS	Mar 2024
Mr.P.Vasanthan	Employment Forum Using Machine Learning	IEEE XPLORE	SCOPUS	Mar 2024
Ms.T.Manju	Fish Farm Management System	IEEE XPLORE	SCOPUS	Jun 2024
Ms.T.Manju	USER-CENTRIC EMOTION MODELING FOR NEXT-GENERATION RECOMMENDER SYSTEM	IEEE XPLORE	SCOPUS	Jan 2024

Ms.T.Manju	Yolo Convolutional Neural Network Algorithm for Recognition of Indian Sign Language Gestures	IEEE XPLORE	SCOPUS	Aug 2023
Ms.V.Valarmathi	CHECK BUS - Bus Monitoring System for MTC Buses	IEEE XPLORE	SCOPUS	Mar 2024
Ms.V.Valarmathi	Assessment of Student Attentiveness in Classroom Environment Using Deep Learning	IEEE XPLORE	SCOPUS	Sep 2023
Ms.K.Neela	A Novel Methodology to Identify Autism Disorder in Earlier Stages using Artificial Intelligence Assisted Hybrid Learning Scheme	IEEE XPLORE	SCOPUS	Mar 2024
Ms.K.Neela	estimation of Meterological Drought Prediction by SPEI Using SVM	IEEE XPLORE	SCOPUS	Mar 2024
Ms.NITHYA E	A Survey on Conversion of Audio and Text to Sign Language and vice versa using Deep learning	IEEE XPLORE	SCOPUS	Dec 2023
Ms.SATHYA V	Multi-Disease Prediction Using Machine Learning	IEEE XPLORE	SCOPUS	March 2024