

SRI SAIRAM ENGINEERING COLLEGE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR 2023 - 2024

JOURNAL PUBLICATIONS

S.No.	Name of the Faculty	Nature of Contribution	Title of the Paper	Journal Name	Indexing
1	K Lakshmi Joshitha	International Journal	A Compendious Review On Different Mac Architectures	European Chemical Bulletin	Scopus
2	G. Sudha	International Journal	Image Compression Algorithm For Energy Efficiency Optimization In Wireless Sensor Networks	European Chemical Bulletin	Scopus
3	G. Sudha	International Journal	Automated Mishap Detection And Prevention System For Vehicles	Lecture Notes on Data Engineering and Communication S Technologies	Scopus
4	S.Gayathri	International Journal	Applications of AI In Autonomous Surveillance Robotic System	European Chemical Bulletin	Scopus
5	S.Gayathri	International Journal	Image Compression Algorithm For Energy Efficiency Optimization In Wireless Sensor Networks	European Chemical Bulletin	Scopus
6	G. Sudha	International Journal	Brain Computer Interface For Stroke Psychotherapy: Intonation Of Cortical High- Strung	Lecture Notes In Networks And Systems	Scopus
7	Saranya.S	International Journal	A Compendious Review On Different Mac Architectures	European Chemical Bulletin	Scopus
8	K.Srinivasan	International Journal	Design And Implementation Of RISC-V Processor ALU Using Multiplexers And LUT.	International Journal Of Novel Research And Development	UGC
9	Alwin Vinifred C	International Journal	Automatic Adaptive Synchronization (A2 S): A Demand-Based Automatic Synchronization For Distribution Generators In Islanding Mode	Knowledge-Based Systems	SCI/SCIE
10	Poornima.P	International Journal	An Incentive-Based Dynamic Energy Efficient Spectrum Allocation For Cognitive Radio Networks	AUTOMATIKA	SCI/SCIE

11	K.Srinivasan	International Journal	Design And Implementation Of RISC-V Processor Using Multiplexer And LUT	International Journal Of Novel Research And Development	UGC
12	S.Rajalakshmi	International Journal	Design and Simulation Of Spiral Antenna For Biomedical Application at 2.7GHz	International Journal Of Novel Research And Development	Others
13	ThamilSelvi J	International Journal	Machine Learning Technique-Based Diagnosis Of Wrist-Radial Pulse	IEEE DIGITAL EXPLORER	Scopus
14	S.Bhuvaneshwari	International Journal	Breast Cancer Detection Using Comprising Fuzzy C-Means And Artificial Bee Colony Optimization Segmentation And Grading With Random Forest Classifier	Traitement Du Signal	SCI/SCIE
15	Dr.V.Sasikala	International Journal	Effect Of CNG Induction On The Performance And Emission Characteristics Of A DI Diesel Engine Fuelled With Biodiesel Ethanol Blends	International Journal Of Vehicle Structures & Systems	Scopus
16	Dr.V.Sasikala	International Conference	Transforming Healthcare With Deep Learning Cardiovascular Disease Prediction	International Conference On Ambient Intelligence, Knowledge Informatics And Industrial Electronics (AIKIIIE)	Scopus
17	Surya S	International Conference	Transforming Healthcare With Deep Learning Cardiovascular Disease Prediction	International Conference On Ambient Intelligence, Knowledge Informatics And Industrial Electronics (AIKIIIE)	Scopus
18	Logeswari.N	International Conference	Air Writing Recognition System Using Machine Learning Algorithms	AIII2024	Conference Proceeding
19	Logeswari.N	International Conference	Automated Sensing Cleaner	Icebs2023	IEEE Conference
20	S.Surya	International Conference	Design Of Piezoelectric-Enabled Wireless Sensor Nodes: Self-Powered Solutions	Intelligent Computing And Control For Engineering And	Scopus

				Business Systems	
21	S.Surya	International Conference	Design Of An Efficient Mac Unit For DSP Applications	Intelligent Computing And Control For Engineering And Business Systems	Scopus
22	Ms V Remya	International Conference	Smart Walking Cane For Navigation Of Visually Impaired	2023 Intelligent Computing And Control For Engineering And Business Systems (Iccebs)	Scopus
23	Remya V	International Conference	Design And Development Of IOT- Based Intelligent Farming System	First International Conference On Intelligent Computing And Control For Engineering And Business Systems (ICCEBS-2023)	Scopus
24	S.Saranya	International Conference	Raspberry-Pi Based Exigence Informer	ICCEBS	IEEE Conference
25	S.Saranya	International Conference	Design Of An Efficient Mac Unit For DSP Applications	ICCEBS	IEEE Conference
26	Remya V	International Conference	Design Of Microstrip Patch Antenna As Communication Relay For Disaster Management	2024 International Conference On Communication, Computing And Internet Of Things (IC3IoT-2024)	Scopus
27	G. Sudha	International Conference	IOT Enabled Forest Fire Identification And Prevention System Using LORA	2024 10th International Conference On Communication And Signal Processing (ICCSP)	Scopus
28	G. Sudha	International Conference	Emotion Recognizing Interactive Smart Bot Using Ravdess Dataset	International Conference On Communication, Computing And Internet Of Things (IC3IoT)	Scopus
29	G. Sudha	International Conference	Analysis Of Energy Efficiency Improvement Using Data Compression Algorithms For Habitat	International Conference On Communication, Computing And	Scopus

			Monitoring In Wsns Using Zigbee	Internet Of Things (IC3IoT)	
30	Dr V Sasikala	International Conference	Performance Analysis Of Projectile Motion Using Iot	2024 International Conference On Communication, Computing And Internet Of Things (IC3IoT)	Scopus
31	Dr V Sasikala	International Conference	Ble Based Home Automation	2024 International Conference On Communication, Computing And Internet Of Things (Ic3iot)	Scopus
32	Dr V Sasikala	International Conference	On Field Third Eye	2024 International Conference On Communication, Computing And Internet Of Things (Ic3iot)	Scopus
33	Dr V Sasikala	International Conference	Cutting-Edge Facial Authentication System In Matlab (CFAS-M)	International Conference On Communication, Computing And Internet Of Things (IC3IoT)	Scopus
34	Dr V Sasikala	International Conference	Deep Learning-Based Automated System For Multi-Classification Of Plant Diseases In Real-Time Environments	International Conference On Communication, Computing And Internet Of Things (IC3IoT)	Scopus
35	Dr.J.ThamilSelvi	International Conference	Portable Device To Predict Diabetic Foot Ulcer	ICCET 2023	WoS
36	S.Saranya	International Conference	A Compendious Review On Different Mac Architectures	ICCET 2023	Scopus
37	K Subhashini	International Conference	A Novel Image Encryption Algorithm Based On Chaotic Map	2023 5th International Conference On Electrical, Computer And Communication Technologies, ICECCT 2023, 2023	Scopus
38	K Subhashini	International Conference	A Chaos Based Joint Image Compression And Encryption Scheme	2023 First International Conference On Data	Conference Proceeding

				Science And Advanced Computing	
39	K Subhashini	International Conference	Image Encryption Using Convolutional Neural Network	2023 First International Conference On Data Science And Advanced Computing	Others
40	Ms V Remya	International Conference	Design And Analysis Of 5G Antenna With Defective Ground Structure	International Conference On Applied Intelligence And Sustainable Computing (ICAISC- 2023)	Scopus
41	Arunarasi J	International Conference	Radio Frequency Based Communication On Autonomous Speed Control Of The Automobiles In Restricted Areas Using Iot	5th international conference on intelligent computing: iconic 2k22	Scopus
42	K.Srinivasan	International Conference	An Examination Of Encryption Standards: AES And RSA - A Comprehensive Review	International conference on Smart and AI enabled Technology For Sustainable Development (Sait For Sd 2023)	Scopus