

SRI SAI RAM ENGINEERING COLLEGE
ELECTRONICS AND COMMUNICATION ENGINEERING
ACADEMIC YEAR - 2022 TO 2023
JOURNAL PUBLICATIONS

S.No	Name of the Faculty	Name of Activity	Title of the Paper	Journal Name	Indexing
1	Dr J Arunarasi	International Journal	Implementation of Machine Learning Techniques for detection of Lung Cancer	Periodico di mineralogia	Google Scholar
2	Ms V. A. Velvizhi	Book Chapter	Internet of Everything: Smart Sensing Technologies	Nova Science Publishers	BOOK
3	Dr.J.ThamilSelvi	International Journal	Visual Cues to Voice Cues	Journal Of Pharmaceutical Negative Results	WoS
4	Dr.J.ThamilSelvi	International Journal	Smart Card based E-Health Record	Journal Of Pharmaceutical Negative Results	WoS
5	Ms K.Jeyapiriya	International Journal	Early Detection of Breast Cancer Using CNN	Emerging Technologies in Data Mining and Information Security Proceedings of IEMIS 2022	Scopus
6	Ms K.Jeyapiriya	International Journal	IoT-Based ECG and PCG Monitoring Systems	Emerging Technologies in Data Mining and Information Security Proceedings of IEMIS 2022	Scopus
7	Ms Velvizhi V A Dr.V.Sasikala Ms.G.Sudha	International Journal	EEG based epileptic seizure detection methods	2022 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS)	<i>SCOPUS</i> <i>AIP Conference Proceedings 2518, 040001 (2022)</i>

					https://doi.org/10.1063/5.0103536
8	Dr E Priya	International Journal	Design and Implementation of Portable ECG Recorder with Field Programmable Gate Arrays and Internet of Things Interface	International Journal of Electrical and Computer Engineering (IJECE)	Scopus
9	Ms .K Subhashini	National Journal	EOG Signals – A Biomarker for Neurodegenerative Diseases	International Journal of Science and Innovative Engineering & Technology	Google Scholar
10	Dr.K.Moorthi	International Journal	Applied Soft Computing	De-noising of salt and pepper noise using deep learning-based alpha-guided grey wolf optimization	SCI/SCIE https://doi.org/10.1016/j.asoc.2022.109649
11	N Nazeeya Anjum, Dr.J.Raja	International Journal	Ethanol Concentration Detector With Statistical Logger Using IOT Cloud Service.	European Journal of Molecular & Clinical Medicine	WoS
12	Dr .Manikandan J	National Journal	Design A Virtual Tele presence Robot Using Virtual Reality	Semiconductor Opto Electronics	Scopus
13	Ms Velvizhi V A	Book Chapter	Deep Learning-Based Intelligent Sensing in IoT	Convergence of Deep Learning and Internet of Things: Computing and Technology Copyright: © 2023 Pages: 29	Book
14	Dr.M.Jenath	International Journal	Multiband Flexible Ultra-Wideband Antenna For Wearable Electronics And Biomedical Applications	International Journal for Multiscale Computational Engineering	SCI/SCIE 10.1615/IntJMmultCompEng.2023046873

15	Dr.M Baskaran, Ms. Jeyapiriya	International Journal	Cascade configuration of two dual parallel polarization modulators with frequency 16 tupling for photonic signal generation	Rapid Communications Optoelectronics and Advanced Materials	SCI/SCIE Volume 16,Issue 7-8 Pages 281-286 July-August 2022,
16	Dr.M. Baskaran	International Journal	A novel DWDM-based comb source for future optical network	Journal of Nonlinear Optical Physics & Materials	SCI/SCIE https://doi.org/10.1142/S0218863523500546
17	Mr.K.Gopi	International Journal	Low-complex resource mapping heuristics for mobile and iot workloads on NoC-HMPSoC architecture	Microprocessors and Microsystems	SCI/SCIE Volume 98, April 2023,104802 https://doi.org/10.1016/j.micpro.2023.104802
18	Ms.G. Sudha	Book Chapter	Wireless Communication	Scientific Publishing House	BOOK ISBN-978935757845
19	Dr.E. Priya	International Journal	Metaheuristic-Based Optimization Methods for the Segmentation of Tuberculosis Sputum Smear Images	International Journal of Swarm Intelligence Research (IJSIR) 2022	SCI DOI: 10.4018/IJSIR.295549
20	Ms V Remya	International Journal	Design of a Two-Tier Learning Model for Congestion Control in WSN Environment	2022 International Conference on Edge Computing and Applications (ICECAA)	WOS
21	Ms C.N.Savithri Dr.E.Priya	International Journal	A Machine Learning Approach To Identify Hand Actions From SEMG Signals .	Biomedical Engineering / Biomedizinischetechnik/ Walter De Gruyter Gmbh, Berlin/Boston(Feb 2022)10.1515/Bmt-2021-0072,Vol/Issue: 67/2	WOS

22	Ms.S.Rajalakshmi	International Journal	Development of RFID Tag Antenna With Graphene Material Using Deep Learning	Journal of Physics: Conference Series 2272 (2022) 012012	Scopus doi:10.1088/1742-6596/2272/1/012012
23	Ms.S.Rajalakshmi	International Journal	Detection in dermoscopic images with inadequate control of blue-white structures	AIP Conference Proceedings 2523, 020082 (2023);	Scopus https://doi.org/10.1063/5.0110655

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SRI SAI RAM ENGINEERING COLLEGE
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ACADEMIC YEAR - 2022 TO 2023
CONFERENCE PUBLICATIONS

S.No	Name of the Faculty	Name of Activity	Title of the Paper	Conference Name	Indexing
1	Ms.Chitra R	International Conference	Web application for pothole identification using VGG 16 Architecture	International Conference on Innovative Engineering and Technology (ICIET - 2022)	Conference Proceeding
2	MsS.Saranya, MsSudha G	International Conference	Identification Of Currency note for Blind People	The International Conference on Bio-Neuro Informatics and Algorithms - (ICBNA 2022)	Conference Proceeding
3	Ms G. Sudha, MsS.Saranya	International Conference	Image Compression Algorithm For Energy Efficiency Optimization In Wireless Sensor Networks	The International Conference on Bio-Neuro Informatics and Algorithms - (ICBNA 2022)	Conference Proceeding
4	MsK.Jeyapiriya	International Conference	Dynamic Asset Tracking System With Lora And IoT	The International Conference on Bio-Neuro Informatics and Algorithms (ICBNA 2022)	Conference Proceeding
5	MsK.Jeyapiriya	International Conference	Student Mental Health Monitoring using EEG	The International Conference on Bio-Neuro Informatics and Algorithms (ICBNA 2022)	Conference Proceeding
6	MsK.Jeyapiriya	International Conference	Improving Voice Quality Of Stuttered Speech Using Silent Pause Removal And	The International Conference on Bio-Neuro Informatics and	Conference Proceeding

			Repetition Removal	Algorithms (ICBNA 2022)	
7	Ms V Remya	International Conference	Forest Fire Detection using YoloV3	Second International Conference in Advances in Management, Engineering and Technology (ICAMET-2022)	Conference Proceeding
8	MsS.Saranya, MsG.Sudha, MsB.Rajalakshmi, MsS.Usha	International Conference	A Novel Algorithm with Complexity Reduction for Multimedia Applications using 8-point DCT	International Conference on Communication, Computing and Internet of Things (IC3IoT)	SCOPUS
9	Ms Lakshmi G,Dr. Brindha S, MsMyvizhiselvi, MsRashmi A	International Conference	Arduino Based Universal Remote Controller for Infrared Appliances	The International Conference on Bio-Neuro Informatics and Algorithms (ICBNA 2022)	Scopus
10	Ms. C. N. Savithri, Ms Chitra R	International Conference	Pothole Detection using YOLOv4 Model	The International Conference on Bio-Neuro Informatics and Algorithms (ICBNA 2022)	Conference Proceeding
11	Ms K Subhashini	International Conference	Acquisition and Analysis of Respiratory Signal	IEEE Xplore	Scopus
12	MsVelvizhi V A	International Conference	Design of Microwave 3-D Antenna for Brain Tumour Sensing System	IEEE Xplore	Scopus
13	Ms Chitra R	International Conference	Real Time Parameter Monitoring Of Feeder Pillar Box and Predictive Maintenance	Second International Conference on Modern Computing Trends and	Conference Proceeding

				Technology (ICMCTT - II)- (Online)	
14	Ms.Rashmi A	International Conference	Grading And Quality Analysis Of Rice And Grains Using Digital Image Processing	International Journal of Engineering Technology and Management Sciences	Conference Proceeding
15	Ms.S.Surya	International Conference	Poultry Management System With Detection Of Sick Broilers	Second International Conference on Advances in Management, Engineering & Technology	Conference Proceeding
16	Dr V.Sasikala	International Conference	Deep Learning Based Detection and Categorization of Infant Brain MRI Abnormalities	Virtual International Conference “Technological Innovations in control ,Communication)	Conference Proceeding
17	Ms V Remya	International Conference	Certain Investigations on Channel Utilization in MIMO System Based on Antenna Selection	IEEE MysuruCon 2022	Scopus
18	Ms Lakshmi G, Dr.BanuPriya Prathaban	International Conference	Verification of Job Authenticity using Prediction of Online Employment Scam Model (POESM)	IEEE Technically Sponsored First International Conference on Computational Science and Technology	Scopus
19	MsSudha G	International Conference	Smart Guiding Assistant for Visually Impaired using Raspberry Pi	International Conference on Computational Science and Technology (ICCST 2022)	Scopus

20	Mr.G.TonySanthosh, MrT.Sivasakthi, MsP.Banupriya, MrK.Gopi	International Conference	Digital Image Processing based Pest Detection	International Conference on Computational Science and Technology(ICCST2022)	Scopus
21	DrM.Jenath, MsB.Rajalakshmi	International Conference	Energy Efficient Scheduling By Using Nature Inspired Algorithm For Building Monitoring System Using Hybrid Wireless Sensor Network Protocol	International Conference on Computational Science and Technology(ICCST2022)	Scopus
22	MsB.Rajalakshmi, MsV.Subhashini	International Conference	Prediction of Abnormality in Pathology Tissue Images using Image Processing	International Conference on Computational Science and Technology(ICCST2022)	Scopus
23	Ms V Remya, Dr M Kanthimathi	International Conference	Heptagonal Fractal Antenna with Slit for Improved Efficiency	IEEE International conference on Power, Energy and Control Systems -ICPECTS2022	Scopus
24	Ms. C. N. Savithri, MsChitra R	International Conference	Automated Classification of MRI Brain Images	Third International Conference On IEEE Technically Sponsored Power, Energy, Control And Transmission Systems	Scopus
25	Dr.M.Jenath, MsB.Rajalakshmi, MsV.Subhasini	International Conference	Sub 6GHz Tx-Rx microstrip Antenna For 5G Applications	Third International Conference On IEEE Technically Sponsored Power, Energy, Control And Transmission Systems	Scopus
26	Ms Lakshmi G, Dr.S.Brindha, Dr.P.BanuPriya,	International Conference	Real time Pervasive Health Monitoring System	IEEE Technically Sponsored Third International Conference on Power, Energy, Control and	Scopus

	MsV.Myvizhiselvi, MsA.Rashmi			transmission Systems 2022(ICPECTS 2022)	
27	Ms R Chitra	International Conference	An Extensive Study of Cervical Cancer Detection Methods Using Machine and Deep Learning Approaches	IEEE International Conference on Power, Energy, Control and Transmission Systems (ICPECTS'22)	Scopus
28	MsS.Gayathri	International Conference	Voice Disorder identification Using Convolutional Neural Network	International conference on Computational Science and Technology (ICCST)	Scopus
29	Ms Lakshmi G, Dr.S.Brindha, MsA.RAshmi, MsV.MyvizhiSelvi	International Conference	A Compact Medikit Health Monitoring Device	International conference on Computational Science and Technology (ICCST)	Scopus
30	Ms Lakshmi G, Dr.P.BanuPriya	International Conference	Verification of Job Authenticity Using Prediction of Online Employment Scam Model (POESM)	International conference on Computational Science and Technology (ICCST)	Scopus
31	Dr.M.Jenath, DrBanuPriya P, Mr K Gopi	International Conference	Automatic Air Pollution Monitoring and Speed Control in Vehicle Using Embedded IoT	2022 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS)	Scopus
32	Dr.M.Jenath, Dr BanuPriya P, Mr K Gopi	International Conference	Broadband and Wide beam width Orthogonal dipole antenna for Wireless Applications	2022 IEEE International Conference on Power, Energy, Control and Transmission systems” (ICPECTS)	Scopus

33	Dr.M.Jenath, Dr BanuPriya P, Ms Surya S	International Conference	A Low Cost QuArm Band for Controlling Contagious Diseases	2022 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS)	Scopus
34	Ms K Subhashini	International Conference	A Novel Image Encryption Algorithm Based on Chaotic Map	2023 Fifth IEEE International Conference on Electrical, Computer and Communication Technologies	Scopus
35	Ms Saranya.S, Ms. G. Sudha	International Conference	Brain Computer Interface for Stroke Psychotherapy: Intonation of Cortical High-Strung	ICISS 2023	Scopus
35	Dr.Manikandan J	National Conference	National Conference on Functional Materials	Virtualization using Docker containers: for Reproducible desktop environments.	Conference Proceeding
37	Dr.Manikandan J	National Conference	National Conference on Modern Functional Materials	Smart Traffic Clearance System For Emergency Vehicles.	Conference Proceeding
38	Dr.Manikandan J	National Conference	National Conference on Modern Functional Materials	Smart Navigation Device For Blind People Using Image Processing.	Conference Proceeding
39	Dr.Manikandan J	International Conference	International Conference on Artificial Intelligence, 5G Communications and Network Technologies	Intelligent Blind-User Navigational Device Utilizing Image Processing	SCOPUS

40	Dr.Manikandan J	National Conference	Recent Advances in Communicative Electronics	Indoor Localization Using ESP8266	Conference Proceeding
41	Dr.Manikandan J	National Conference	Recent Advances in Communicative Electronics National Conference	Smart Traffic Clearance for Emergency Vehicles	Conference Proceeding
42	Dr.Manikandan J	National Conference	Recent Advances in Communicative Electronics	Smart navigation device for blind people using Image Processing	Conference Proceeding
43	Dr Arunarasi J	International Conference	Wireless Bus Identification System for Visually Impaired using RSSI-ZigBee	“International Conference on Information and Communication Engineering (ICICE’23)	Conference Proceeding
44	Dr.E.Priya	International Conference	Temporal and spectral features based gender recognition from audio signals	2022 International Conference on Communication, Computing and Internet of Things (IC3IoT)	Scopus 10.1109/IC3IOT53935.2022.9767929
45	Dr.E.Priya	International Conference	A portable spirometer using machine learning approach	2022 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS)	Scopus DOI: 10.1109/ICPECTS56089.2022
46	Dr.E.Priya	International Conference	Spectrogram-based detection of crackles from lung sounds	2022 International Conference on Communication, Computing and Internet of Things (IC3IoT)	Scopus DOI: 10.1109/IC3IOT53935.2022.9768007

47	Dr.E.Priya	International Conference	Index for Assessment of EEG Signal in Ischemic Stroke Patients	Futuristic Communication and Network Technologies: Select Proceedings of VICFCNT 2020	Springer Singapore scopus
48	Dr.E.Priya	International Conference	A Preprocessing Techniques for Seismocardiogram Signals in Removing Artifacts	Futuristic Communication and Network Technologies: Select Proceedings of VICFCNT 2020	Springer Singapore scopus
49	Dr.E.Priya	International Conference	Energy Efficient Vital Signal Analyzer	Journal of Green Engineering (JGE) Volume-10, Issue-10, October 2020	scopus
50	Dr.E.Priya	International Conference	Smartphone based portable ECG monitoring system	2021 4th International Conference on Computing and Communications Technologies (ICCCT)	scopus 10.1109/ICCCT53315.2021.9711891
51	Ms.G. Shanthakumari & Dr E. Priya	International Conference	Interpretation of Lung Sounds Using Spectrogram-Based Statistical Features	Futuristic Communication and Network Technologies: Select Proceedings of VICFCNT 2020	Springer Singapore scopus
52	Dr.E.Priya Ms S.V Gayathri	International Conference	A statistical approach to identify diseased leaf from healthy	2022 International Conference on Communication, Computing and Internet of Things (IC3IoT)	Scopus IEEE 10.1109/IC3IOT53935.2

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53	Dr.S Brindha	International Conference	Hyperparameters Optimization using Gridsearch Cross Validation Method for machine learning models in Predicting Diabetes Mellitus Risk	2022 International Conference on Communication, Computing and Internet of Things (IC3IoT)	Scopus 10.1109/IC3IOT53935.2 022.9768005
54	Dr.S Brindha	International Conference	Smart Attendance System Using RFID and Face ID-3	2022 International Conference on Communication, Computing and Internet of Things (IC3IoT)	IEEE Scopus
55	Dr.S Brindha	International Conference	Smart Heart Health Monitoring System Using IoT	2022 International Conference on Communication, Computing and Internet of Things (IC3IoT)	IEEE Scopus 10.1109/IC3IOT53935.2 022.9767940
56	Dr.k.Sumathi	International Conference	Notifying Glove for Dumb People	2022 International Conference on Communication, Computing and Internet of Things (IC3IoT)	Scopus 10.1109/IC3IOT53935.2 022.9767902
57	Dr.k.Sumathi	International Conference	IoT based Novel Face Detection Scheme using Machine Learning Scheme	2022 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI)	Scopus 10.1109/ACCAI53970.2 022.9752504

58	Dr.K Lakshmi Joshitha	International Conference	A Survey on Detection of Diabetic Retinopathy Lesions Using Deep Learning	2022 International Conference on Communication, Computing and Internet of Things (IC3IoT)	Scopus 10.1109/IC3IOT53935.2 022.9767907
59	Dr.K Lakshmi Joshitha	International Conference	A Comprehensive Review of Early Detection of Oral Cancer Using Deep Learning	2022 International Conference on Communication, Computing and Internet of Things (IC3IoT)	Scopus 10.1109/IC3IOT53935.2 022.9767966
60	Dr.M. Kanthimathi	International Conference	Poultry Farm Control and Management System Using Wireless Sensor Networks	2022 1st International Conference on Computational Science and Technology (ICCST)	Scopus 10.1109/ICCST55948.20 22.10040434
61	Dr.M. Kanthimathi	International Conference	Antenna for wearable applications with various flexible substrate	2022 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS)	Scopus 10.1109/ICPECTS56089 .2022.10046996
62	Ms.N Shivaanivarsha	International Conference	Low-Cost Multi-Parameter Lake Monitoring System for Early Detection of Eutrophication	2022 IEEE International Power and Renewable Energy Conference (IPRECON)	Scopus 10.1109/IPRECON5571 6.2022.10059562
63	Ms.N Shivaanivarsha	International Conference	Farming Using AI Technology	2022 IEEE International Power and Renewable Energy Conference (IPRECON)	Scopus 10.1109/IPRECON5571 6.2022.10059618
64	Ms.N Shivaanivarsha	International Conference	Design and Implementation of 40m band LSB Mode Home Brew HAM Radio for Emergency Applications	2022 International Conference on Power, Energy, Control and Transmission Systems	Scopus 10.1109/ICPECTS56089

				(ICPECTS)	.2022.10047293
65	Ms.N Shivaanivarsha	International Conference	Design of High Energy Efficient Eco-Friendly Low-Cost Hybrid Auto	2022 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS)	Scopus 10.1109/ICPECTS56089 .2022.10047076
66	Ms.N Shivaanivarsha	International Conference	An Efficient Design and Implementation of High-Speed Booth Multiplier using Shift-Opt Algorithm	2022 1st International Conference on Computational Science and Technology (ICCST)	Scopus 10.1109/ICCST55948.20 22.10040288
67	Ms.N Shivaanivarsha	International Conference	Autonomous On-Site Segregation of Metals and Non Metals Using A Scrap Collecting Robot	2022 International Conference on Communication, Computing and Internet of Things (IC3IoT)	Scopus 10.1109/IC3IOT53935.2 022.9767861
68	Ms.N Shivaanivarsha	International Conference	A ConvNet based Real-time Detection and Interpretation of Bovine Disorders	2022 International Conference on Communication, Computing and Internet of Things (IC3IoT)	Scopus 10.1109/IC3IOT53935.2 022.9767880
69	Ms.G.Sudha	International Conference	Cloud Assisted IOT Enabled Forest Fire Detection System	2022 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS)	Scopus 10.1109/ICPECTS56089 .2022.10047712
70	Ms.G.Sudha	International Conference	Smart Blind Cane for Blind and Deaf People with a Safety Trigger	2022 International Conference on Power, Energy, Control and Transmission Systems	Scopus 10.1109/ICPECTS56089

				(ICPECTS)	.2022.10047296
71	Ms.S. Usha	International Conference	Deep In Memory Architectures Learning Of Trade-Offs For Productivity	AIP Conference Proceedings 2523, 020077 (2023)	Scopus https://doi.org/10.1063/5.0110650
72	Ms.S. Usha	International Conference	Analyzing The Occurrence Of Stroke Using Machine Learning-A Comparative Study On Supervised Learning Models	2022 International Conference On Knowledge Engineering And Communication Systems (Ickes)	Scopus Doi: 10.1109/Ickecs5652.3.2022 28-29 Dec. 2022
73	Dr.Balamurugan	International Conference	A Novel Method For Online Bulk Density Measurement In Stamped Charging Machine Using Force Sensors	January 2022 Ironmaking & Steelmaking 49(2):1-5	Scopus Doi:10.1080/03019233.2021.1993694
74	Dr.Balamurugan	International Conference	Real-Time Measurement Of Stave Thickness In A Blast Furnace Using Sacrificial Ultrasonic Waveguide	Ironmaking & Steelmaking Processes, Products And Applications	Scopus https://doi.org/10.1080/03019233.2021.1966232
75	Ms.S.Rajalakshmi	International Conference	Ventilator Using Arduino With Blood Oxygen Sensor	2022 International Conference On Communication, Computing And Internet Of Things (IC3IoT) 978-1-6654-7995-0/22/\$31.00 ©2022 IEEE	Scopus DOI: 10.1109/IC3IoT53935.2022.9767888

76	Ms.S.Rajalakshmi	International Conference	Wearable Patch Antenna For GPS Applications	2022 International Conference On Communication, Computing And Internet Of Things (IC3IoT)	Scopus 10.1109/IC3IOT53935.2 022.9767881
77	Dr.S Deepa Nivethika	International Conference	Design and Development of Pipe inspection Snake Locomotion Robot	2022 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS)	Scopus DOI: 10.1109/ICPECTS 56089.2022.10047028
78	Dr.S Deepa Nivethika	International Conference	Intelligent Movement Tracking Robot	2022 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS)	Scopus 10.1109/ICPECTS5608 9.2022.10047715
79	Dr.S Deepa Nivethika	International Conference	Reconfigurable Intelligent Surface Based Microstrip Patch Antenna	2022 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS)	Scopus 10.1109/ICPECTS5608 9.2022.10047517
80	Dr.S Deepa Nivethika	International Conference	Design and Development of IoT based Reliable Healthcare Monitoring System	2022 3rd International Conference on Electronics and Sustainable Communication Systems (ICESC)	Scopus DOI: 10.1109/ICESC54 411.2022.9885646

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