S.No	Name of the Faculty	Nature of Contribution	Title of the paper	Name of Journal/Conference	Month and Year of Publication	Indexed in
1	Dr.S.Alagu	International Journal	Hybrid Ensemble Methods for Acute Lymphoblastic Leukemia Diagnosis: Integrating CNN Features with Artificial Rabbits Optimization Algorithm	2025 Eleventh International Conference on Bio Signals, Images, and Instrumentation (ICBSII)	May - 2025	Scopus
2	Dr.S.Alagu	International Journal	Improving Hepatitis-C Detection Accuracy Improved C5.0 Algorithm with Chi Square Feature Selection	2025 Eleventh International Conference on Bio Signals, Images, and Instrumentation (ICBSII)	May - 2025	Scopus
3	Dr.K.Kayalvizhi	National Journal	Performance Of Optimized Hexagonal Slotted Patch Antenna Design For Enhanced Sub-6 5GWireless Systems	ICTACT JOURNAL ON MICROELECTRONICS	April - 2025	UGC
4	V. Remya	International Journal	Trust-Based Multi-Objective Cluster Head Selection for Optimal and Secure Routing in Wireless Networks	International Journal of Communication Systems	April - 2025	SCI/SCIE
5	S.Usha	International Journal	Defect Detecting System In Railway Tracks	International Journal of Scientific Development and Research	April - 2025	Google scholar
6	Dr. G. Sudha	International Journal	An Image Processing-Based Statistical Method for Estimating Nutrient Deficiencies in Grape Plants	INFORMATICA	March-2025	Scopus

			During the Growing Season			
7	Poornima.P	International Journal	Developed a Machine Learning and Deep Learning Model for 5G MIMO Data Based Beam Selection and Intelligent Network Analytics	SN Computer Science	February-2025	Scopus
8	Dr K.Sumathi	International Journal	Hybrid deep learning and similarity measures for requirements-driven composition of semantic web services	Knowledge and Information Systems	February-2025	SCI/SCIE
9	Poornima.P	International Journal	Graphene Metasurface Based Biosensor for COVID-19 Detection in the Terahertz Regime with Machine Learning Optimization using K-Nearest Neighbours Regression	Plasmonics	December - 2024	SCI/SCIE
10	Dr.S.Alagu	International Journal	Advanced Detection of Acute Lymphoblastic Leukemia Using Integrated Deep Features and Metaheuristic Algorithms	Indian Journal of Science and Technology	December - 2024	UGC
11	K Subhashini	International Journal	Image Encryption Using Modified Perturbed Logistic Map	International Arab Journal of Information Technology	October - 2024	SCI/SCIE
12	Dr.K.Kayalvizhi	International Journal	Optimized CNN-BiLSTM with Attention:	Journal of Machine and Computing	October - 2024	Scopus

			A High Performance Model for Predicting Heart Disease Using Cleveland and Framingham Datasets			
13	K Subhashini	International Journal	Image Encryption Using Modified Perturbed Logistic Map	International Arab Journal of Information Technology	October - 2024	SCI/SCIE
14	K Subhashini	International Journal	Image Encryption Using Modified Perturbed Logistic Map	International Arab Journal of Information Technology	October - 2024	SCI/SCIE
15	Dr.S.Alagu	International conference	Hybrid Ensemble Methods for Acute Lymphoblastic Leukemia Diagnosis: Integrating CNN Features with Artificial Rabbits Optimization Algorithm	2025 Eleventh International Conference on Bio Signals, Images, and Instrumentation (ICBSII)	May - 2025	Scopus
16	Dr.S.Alagu	International conference	Improving Hepatitis-C Detection Accuracy Improved C5.0 Algorithm with Chi Square Feature Selection	2025 Eleventh International Conference on Bio Signals, Images, and Instrumentation (ICBSII)	May - 2025	Scopus
17	K Subhashini	International conference	Autonomous Floating Debris Collection System for Water Surface Cleaning	IC3IOT 2024	April - 2025	Scopus
18	R Tamezheneal	International conference	A Hybrid Deep Learning and Statistical Framework for Cardiac Arrest Detection in Neonatal Intensive Care	Fifth IEEE International conference on computing and communication technologies (ICCCT'25)	April - 2025	Scopus

			Units		
19	R Tamezheneal	International conference	Integrating Vision- Based Statistical Measures for Traffic Sign Recognition and Accident Mitigation Using YOLOv5	Fifth IEEE International conference on computing and communication technologies ICCCT'25	April - 2025	Scopus
20	Dr.S.Alagu	International conference	Hybrid Ensemble methods for Acute lymphoblastic leukemia diagnosis by integrating CNN features with Artificial Rabbit Optimization Algorithm	Eleventh International Conference on Biosignals, Images and Instrumentation	March - 2025	Scopus
21	Dr.S.Alagu	International conference	Improving Hepotitis-C detection using improved c5.0 algorithm with chi square feature selection algorithm	Eleventh International Conference on Biosignals, Images and Instrumentation	March - 2025	Scopus
22	Dr.S.Alagu	National conference	Thermoelectric energy harvesting from vehicle silencer and engine heat for battery recharging and headlight powering	National Technical Paper contest-2025	March - 2025	Scopus
23	K.Srinivasan	International conference	Area, Power and Time Efficient Implementation of AES Algorithm in FPGA with Variations in S Box	13th International Conference on Contemporary Engineering and Technology 2025	March - 2025	Scopus
24	M Uma	International conference	Design of A High Gain and Isolated Orthogonal Polarized	International Conference on Wireless Communication, Signal Processing and Networking	March - 2025	Scopus

			Dual-Port Slotted MIMO Antenna for ISM Band Application			
25	K. Subhashini	International conference	Rover Based Early Warning System for Plant Disease	2024 International Conference on System, Computation, Automation and Networking (ICSCAN)	February - 2025	Scopus
26	Lakshmi G	International conference	Harnessing the potential of conversational AI: A Roadmap for Academic Applications	4th International Conference on Power, Energy, Control and Transmission Systems: Harnessing Power and Energy for an Affordable Electrification of India, ICPECTS 2024, 2024	January - 2025	Scopus
27	Sandhya J	International conference	Design of Dual band slot loaded Microstrip Patch Antenna for Wireless Applications	2024 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS)	January - 2025	Scopus
28	Sandhya J	International conference	Harnessing the potential of conversational AI: A Roadmap for Academic Applications	IEEE Technically Co-sponsored Icpects 2024 – 4th International Conference On Power, Energy, Control And Transmission Systems	January - 2025	Scopus
29	Lakshmi G	International conference	Advancing Precision Agriculture: AI, IoT, and Machine Learning Solutions for Optimal Crop Yield	2024 International Conference on Communication, Computing and Internet of Things (IC3IoT)	June - 2024	Scopus
30	Lakshmi G	International conference	Ensuring Resilience:Iot-Driven Fault Detection in Fiber Optic Networks	2024 International Conference on Communication, Computing and Internet of Things (IC3IoT)	June - 2024	Scopus