

Faculty competencies in correlation to the Research Papers Presentation in Conference

SI No	Name of the Faculty	Title of the paper	Month, Year	Name of the Conference	Volume	Page start	Page end	Source (Scopus / WoS)	DOI
1	Dr. Sujitha S	Optimized Frequency Regulation in Isolated Renewable Microgrids with Solar PV Generation using Grasshopper Optimization	July, 2025	7th International Conference on Inventive Material Science and Applications (ICIMA)	7	669	674	Scopus	https://doi.org/10.1109/ICIMA64861.2025.11074039
2	Dr. Sujitha S	TriRoute: Low-Latency 1x3 Router for Optimized Data Distribution	July, 2025	7th International Conference on Inventive Material Science and Applications (ICIMA)	7	158	162	Scopus	https://doi.org/10.1109/ICIMA64861.2025.11073997
3	Soumya K V	Electric Vehicle Battery Management for Sustainable Farming	July, 2025	1st International Conference on Sustainability and Technological Advancements in Engineering Domain (SUSTAINED)	1	1013	1016	Scopus	https://doi.org/10.1109/SUSTAINED63638.2024.11073991
4	Dr. Karthika M	Design and Implementation of a Battery Management System with Charge Monitoring and Fire Protection for Electric Vehicles	Jun-25	International Conference on Frontier Technologies and Solutions (ICFTS)		1	7	Scopus	https://doi.org/10.1109/ICFTS62006.2025.11031613
5	Sangeetha CN	An Optimized Technique for Feature Extraction and EEG Signal Processing using MATLAB	May-25	5th International Conference on Trends in Material Science and Inventive Materials (ICTMIM)	5	1639	1643	Scopus	https://doi.org/10.1109/ICTMIM65579.2025.10988239
6	Dr. Sujitha S	AI-Optimized VLSI Amplifier for Real-Time Vehicle-to-Vehicle Data Exchange in Autonomous Vehicles	May-25	International Conference on Inventive Computation Technologies (ICICT)		1928	1931	Scopus	https://doi.org/10.1109/ICICT64420.2025.11005365
7	Vinoth Kumar K	LSTM-Based Deep Learning Long Term Electric Demand Prediction for Karnataka	May-25	International Conference on Data Science, Agents & Artificial Intelligence (ICDSAAI)		1	6	Scopus	https://doi.org/10.1109/ICDSAAI65575.2025.11011862
8	Surat Pyari Atti	Humanoid Robot	May-25	11th Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering (UPCON)	11	1	4	Scopus	https://doi.org/10.1109/UPCON62832.2024.10982951
9	Dr. Gunapriya B	Design and Implementation of Real Time Wireless Sensors Network Protocol with Relay Nodes and Localization Methods for Efficient System Performance	Apr-25	International Conference on Intelligent Control, Computing and Communications (IC3)		763	769	Scopus	https://doi.org/10.1109/IC363308.2025.10956427
10	Surat Pyari Atti	Fog Vision For Roads And Rails	Apr-25	IEEE International Students' Conference on Electrical, Electronics and Computer Science (SCEECS)		1	4	Scopus	https://doi.org/10.1109/SCEECS64059.2025.10940307
11	Satishkumar D	Intelligent Plant Disease Diagnosis using Deep Neural Networks	Mar-25	International Conference on Advances and Applications of Artificial Intelligence and Machine Learning	1	419	428	Scopus	https://doi.org/10.1007/978-981-97-9507-9_31
12	Dr. Sujitha S	Therapeutic innovative rehabilitation Tools: Treadmill and pedal machines for children with physical impairments	Mar-25	4th International Conference on Soft Computing for Security Applications (ICSCSA)	4	358	360	Scopus	https://doi.org/10.1109/ICSCSA64454.2024.00063
13	Anitha.A	Smart gloves for communication: A survey on Technology for the hearing and speech impaired	Mar-25	4th International Conference on Sentiment Analysis and Deep Learning (ICSADL)	4	424	429	Scopus	https://doi.org/10.1109/ICSADL65848.2025.10933438
14	Satishkumar D	Speed control of PMSM using Fuzzy logic control with PSO technique	Mar-25	International Conference on Recent Innovation in Smart and Sustainable Technology (ICRISST)		1	6	Scopus	https://doi.org/10.1109/ICRISST59181.2024.10921778
15	Mausri Bhuyan Vinoth Kumar K Sangeetha CN	Object oriented RFID with machine learning and IoT	Mar-25	International Conference on Recent Innovation in Smart and Sustainable Technology (ICRISST)		1	4	Scopus	https://doi.org/10.1109/ICRISST59181.2024.10922027
16	R.Mohan Das	Hybrid Electric Vehicle: Energy Optimization and Emission Reduction for Sustainable Transportation	Mar-25	2nd International Conference on Advances in Computation, Communication and Information Technology (ICAICCTIT)	2	744	748	Scopus	https://doi.org/10.1109/ICAICCTIT64383.2024.10912180

17	Vinoth Kumar K	A certain analysis of solar home based lighting system for smart city designed for sustainable development	Mar-25	International Conference on Recent Innovation in Smart and Sustainable Technology (ICRISST)	1	4	Scopus	https://doi.org/10.1109/ICMSCI62561.2025.10894550	
18	Dr. Sujitha S	Smart Pavement Repair Bot with IoT and Machine Learning Integration	Feb-25	International Conference on Multi-Agent Systems for Collaborative Intelligence (ICMSCI)	368	372	Scopus	https://doi.org/10.1109/ICMSCI62561.2025.10894097	
19	Dr. Sujitha S	AI-Driven Pavement Repair BoT with IOT connectivity	Feb-25	4th International Conference on Ubiquitous Computing and Intelligent Information Systems (ICUIS)	4	120	123	Scopus	https://doi.org/10.1109/ICUIS64676.2024.10867156
20	Dr. Sujitha S	A novel Swam Robotics System for Navigating and Collective decision making in Dynamic Enivormments	Feb-25	4th International Conference on Ubiquitous Computing and Intelligent Information Systems (ICUIS)	4	1850	1853	Scopus	https://doi.org/10.1109/ICUIS64676.2024.10867086
21	Vinoth Kumar K	A certain investigations of Gesture based Conntrols System in Infotainment of hybrid Car using Inteernt of things	Feb-25	International Conference on Multi-Agent Systems for Collaborative Intelligence (ICMSCI)	594	598	Scopus	https://doi.org/10.1109/ICMSCI62561.2025.10894550	
22	Karthika M	Design and Implementation of Dual Function System for inventory Management and Safety : IOT based Monioring and Gas Detection	Feb-25	International Conference on Multi-Agent Systems for Collaborative Intelligence (ICMSCI)	400	407	Scopus	https://doi.org/10.1109/ICMSCI62561.2025.10894350	
23	Vinoth Kumar K	A review investigation on current trends in smart unsighted cane technology	Feb-25	9th International Conference on Communication and Electronics Systems (ICCES)	1417	1420	Scopus	https://doi.org/10.1109/ICCES63552.2024.10859362	
24	Vinoth Kumar.K	Analysis of Gesture based Control System in infotainment of Hybrid car using Internet of Things	Feb-25	6th International Conference on Mobile Computing and Sustainable Informatics (ICMCSI)	6	286	292	Scopus	https://doi.org/10.1109/ICMCSI64620.2025.10883553
25	A.S.Anitha Nair	Neuronet: Convergence of Brain-Computer Interfacing and Network Technologies	Jan-25	International Conference on IoT Based Control Networks and Intelligent Systems (ICICNIS)	1504	1509	Scopus	https://doi.org/10.1109/ICICNIS64247.2024.10823315	
26	Satish Kumar D	Optimized thermal control of EV battery systems with fuzzy logic and PSO on Arduino Uno	Dec-24	3rd International Conference for Advancement in Technology (ICONAT)	3	1	6	Scopus	https://doi.org/10.1109/ICONAT61936.2024.10774666
27	Vinoth Kumar K	An analysis of IOT based smart garbage level of detection system	Dec-24	8th International Conference on Electronics, Communication and Aerospace Technology (ICECA)	8	457	471	Scopus	https://doi.org/10.1109/ICECA63461.2024.10800952
28	Kavitha Chenna Reddy Dr. S.Sujitha	Agri Smart Robo Spider for Spraying and Weed Cutting	Dec-24	5th International Conference on Data Intelligence and Cognitive Informatics (ICDICI)	5	369	372	Scopus	https://doi.org/10.1109/ICDICI62993.2024.10810980
29	A.S.Anitha Nair	Minimization of Control Error and Frequency variation in Two Area based Load Frequency Control using GA tuned Fractional PI D Controller by reducing integral Absolute based error	Nov-24	International Conference on Intelligent Computing and Sustainable Innovations in Technology (IC-SIT)	1	5	Scopus	https://doi.org/10.1109/IC-SIT63503.2024.10862535	
30	Mausri Bhuyan	Frequency analysis in a combined hybrid microgrid tuned by DBOA algorithm	Nov-24	IEEE Third International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES)	3	927	932	Scopus	https://doi.org/10.1109/ICPEICES62430.2024.10719105
31	Mausri Bhuyan	Solution of economic load dispatch for dealing with solar power uncertainty using pelican optimization algorithm	Nov-24	IEEE Third International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES)	3	1128	1132	Scopus	https://doi.org/10.1109/ICPEICES62430.2024.10719195
32	Surat Pyari Atti	An innovative method for improving lifetime ratio in a wireless sensor network for EV vehicles using improved cybernated clustering scheme	Oct-24	2nd World Conference on Communication & Computing (WCONF)	2	1	6	Scopus	https://doi.org/10.1109/WCONF61366.2024.10691913
33	Dr. Sujitha S	Electromagnetic Compatibility in Wireless EV Charging System	Oct-24	Second International Conference on Intelligent Cyber Physical Systems and Internet of Things (ICoICI)	2	687	690	Scopus	https://doi.org/10.1109/ICoICI62503.2024.10696865
34	Dr. Sujitha S	Rescue Rover: All- Terrain Emergency Response and exploration Vehicle	Oct-24	8th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC)	8	333	335	Scopus	https://doi.org/10.1109/I-SMAC61858.2024.10714744
35	Dr. Sujitha S	Design of Electric Vehicle with Self- Balance Approach using Gyroscopic Effect and Autonomous Systems	Sep-24	8th International Conference on Inventive Systems and Control (ICISC)	8	540	543	Scopus	https://doi.org/10.1109/ICISC62624.2024.00095

36	Dr. Sujitha S	Prototyping a Smart Medication Management System with Machine Learning-based Dosage Recommendations	Sep-24	5th International Conference on Smart Electronics and Communication (ICOSEC)	5	1402	1406	Scopus	https://doi.org/10.1109/ICOSEC61587.2024.10722123
37	Dr. Sujitha S	Implementation of Intelligent Farm Guards: Utilizing Bidirectional Monitoring for Motor Efficiency	Sep-24	8th International Conference on Inventive Systems and Control (ICISC)	8	646	649	Scopus	https://doi.org/10.1109/ICISC62624.2024.00113
38	Dr. R.Mohan Das Anitha Nair A.S	Explosive metal detection using sensors and microcontroller	Aug-24	2nd International Conference on Sustainable Computing and Smart Systems (ICSCSS)	2	269	273	Scopus	https://doi.org/10.1109/ICSCSS60660.2024.10625134
39	Dr. Sujitha S	Therapeutic Treadmill and Foot Pedal for Physically Challenged Children	Aug-24	Second International Conference on Intelligent Cyber Physical Systems and Internet of Things (ICoICI)	2	1547	1550	Scopus	https://doi.org/10.1109/ICoICI62503.2024.10696163
40	Gunapriya Balan	Harnessing The Power of Artificial Intelligence for Disaster Response and Crisis Management	24-Aug	International Conference on Communication, Computer Sciences and Engineering (IC3SE)				Scopus	10.1109/IC3SE62002.2024.10593506