

Faculty competencies in correlation to the Research Papers Presentation in Conference

Sl No	Faculty Name	Title of the Paper	Month, Year	Name of the Conference	Volume	Page start	Page end	Source (Scopus / WoS)	Publication Type	DOI
1	Dr. Agalya V	Spatio-Temporal Graph Neural Network for Intelligent EV Battery Fault Detection and Diagnostics	July, 2026	6th International Conference on Intelligent Technologies (CONIT)	6	1	4	Scopus	Conference	10.1109/CONIT69683.2026.11620606
2	Kavitha Chenna Reddy	Graph Neural Network Approaches for Fault Prediction in Solar Bi-Hybrid Electric Vehicles: A Systematic Review	July, 2026	2026 International Conference on Emerging Trends in Mobile Computing and Sustainable Informatics (ICEMCSI)	NA	NA	NA	Scopus	Conference	10.1109/ICEMCSI67638.2026.11603003
3	Veena M H	Verification Framework for Posit Arithmetic in High-Accuracy Applications	July, 2026	2026 International Conference on Emerging Trends in Mobile Computing and Sustainable Informatics (ICEMCSI)	NA	1	5	Scopus	Conference	10.1109/ICEMCSI67638.2026.11603185
4	Anitha A	Wireless Electric Vehicle Charging System and Slot Booking System	May, 2026	2026 International Conference on Machine Learning and Autonomous Systems (ICMLAS)	NA	1882	1887	Scopus	Conference	10.1109/ICMLAS67792.2026.11483764
5	Dr. Sujitha S	Intelligent Data Acquisition System and Monitoring System for Real-Time Fault Detection in Electric Motors	March, 2026	12th National Power Electronics Conference (NPEC)	12	1	4	Scopus	Conference	10.1109/NPEC66512.2025.11450236
6	Satish Kumar D	Development of an Inductive Power Transfer-Based wireless EV Charger	May, 2026	2026 International Conference on Emerging Systems and Intelligent Computing (ESIC)	NA	922	926	Scopus	Conference	10.1109/ESIC68176.2026.11495731
7	Dr. Sujitha S	Carbon Foot Print Measurement Using a Mobile App Integrated with IOT Technology	April, 2026	Proceedings of the 6th International Conference on Data Science, Machine Learning and Applications	2	452	457	Scopus	Conference	https://doi.org/10.1007/978-981-95-5835-3_71
8	Dr. Sujitha S	Leveraging Sensor Networks for Dynamic Real Time Autonomous Distance Tracking for Human Following Robotics	April, 2026	Proceedings of the 6th International Conference on Data Science, Machine Learning and Applications	2	956	961	Scopus	Conference	https://doi.org/10.1007/978-981-95-5835-3_141
9	Dr. Sujitha S	Low – Cost GPS-Enabled Rural Bus Transport Optimization with Solar-Powered Smart Stops	April, 2026	Proceedings of the 6th International Conference on Data Science, Machine Learning and Applications	2	447	451	Scopus	Conference	https://doi.org/10.1007/978-981-95-5835-3_70
10	Kavitha Chenna Reddy	Hand Gesture-Based Control System for Home Automation Using Arduino and APDS-9960 Sensor	April, 2026	Proceedings of the 6th International Conference on Data Science, Machine Learning and Applications	6	348	354	Scopus	Conference	https://doi.org/10.1007/978-981-95-5835-3_55
11	Kavitha Chenna Reddy	Smart Home Automation using APK for real-time Control and AI-Enabled Expansion Possibilities	April, 2026	Proceedings of the 6th International Conference on Data Science, Machine Learning and Applications	6	744	751	Scopus	Conference	https://doi.org/10.1007/978-981-95-5835-3_109
12	Surat Pyari Atti	ZeroEdge: Ambient Energy Harvesting Framework for Powerless IoT in Sustainable Smart Ecosystems	March, 2026	Proceedings of the 6th International Conference on Data Science, Machine Learning and Applications	5	529	535	Scopus	Conference	10.1109/ICCCES62661.2026.11436498
13	Dr. Sujitha S	Real-Time Router for Intelligent Electric Vehicle Communication	March, 2026	Proceedings of 5th International Conference on Communication, Computing and Electronics Systems, ICCCES 2026	5	462	466	Scopus	Conference	10.1109/ICCCES62661.2026.11437148
14	Vinod Kumar S	Smart Solar Wind EV Charging with V2H Integration and Energy Management	March, 2026	Proceedings of 5th International Conference on Communication, Computing and Electronics Systems, ICCCES 2026	5	268	275	Scopus	Conference	10.1109/ICCCES62661.2026.11437114
15	Dr. Gunapriya B	ZeroRush: Iot-Based Motorbike Monitoring with Helmet Detection and Eco-Safe Driving Score Using Adaptive Penalty Scoring Method	March, 2026	2nd Asian Conference on Intelligent Technologies (ACOIT)	2			Scopus	Conference	10.1109/ACOIT66109.2025.11436427

16	Dr. Sujoy Das	Optimizing Short-Term Hydrothermal Dispatch: A Robust Solution via Artificial Protozoa Optimizer	Febuary, 2026	2nd International Conference on Green Industrial Electronics and Sustainable Technologies (GIEST)	2	1	5	Scopus	Conference	10.1109/GIEST66547.2025.11387152
17	Sangeetha CN	IoT-Embedded Intelligent Waste Monitoring System	Febuary, 2026	International Conference on Data Science, Machine Learning and Applications	1	165	171	Scopus	Conference	https://doi.org/10.1007/978-981-95-5831-5_18
18	Sangeetha CN	Green Power Integration: Solar Inverter Hardware for Residential EV Charging	Febuary, 2026	10th International Conference on Communication and Electronics Systems (ICCES-2025)	10	387	389	Scopus	Conference	10.1109/ICCES67310.2025.11336908
19	Soumya KV	Advanced Telemetry-Controlled Quadcopter System for Wireless Surveillance and Control in High-Risk Environments	Febuary, 2026	2025 International Conference on Communication and Smart Devices (ICCoSD)	NA	1	4	Scopus	Conference	10.1109/ICCoSD66074.2025.11348178
20	Sunil SK	AI based EV Charging Station Scheduling for Smart Energy Systems	January, 2026	6th International Conference on IoT Based Control Networks and Intelligent Systems (ICICNIS)	6	1	5	Scopus	Conference	10.1109/ICICNIS66685.2025.11315683
21	Dr. Sujitha S	Smart Handleber with Integrated Auto Finger Sensor for Biometric Authentication and Rider Safety	January, 2026	International Conference on Intelligent Computing, Information and Control Systems (ICOIICS-2025)	NA	104	109	Scopus	Conference	10.1109/ICOIICS67115.2025.11390439
22	Dr. Sujitha S	HYPER RAIL: Partial Vacuum-Powered Railway with Dynamic Demand Response Solar Energy Management	October, 2025	Proceedings of the 2nd International Conference on Electronic Circuits and Signaling Technologies (ICECST-2025)	2	630	633	Scopus	Conference	10.1109/ICECST66106.2025.11307515
23	Dr. Mohan Das R	Spy-Bots-Autonomous Wheeled Robots for Multiple Applications	December, 2025	IEEE International Conference on Electronics, Computing and Communication Technologies (CONECCT)	NA	1	6	Scopus	Conference	10.1109/CONECCT65861.2025.11306824
24	Dr. Karthika M	Deep Learning based Facial Emotion Detection with CNN and FER Models	December, 2025	7th International Conference on Innovative Data Communication Technologies and Application (ICIDCA-2025)	7	457	462	Scopus	Conference	10.1109/ICIDCA66325.2025.11280307
25	Karthika M	A Survey on Fire Alarm Systems: Technological Advancements and Challenges	October, 2025	International Conference on Smart Trends for Information Technology and Computer Communications	NA	321	329	Scopus	Conference	10.1007/978-981-96-7508-1_29
26	Dr. Sujitha S	HYPER RAIL: Partial Vacuum-Powered Railway	October, 2025	Procesedings of the 9th International Conference on I-SMAC-2025	9	899	904	Scopus	Conference	10.1109/ICECST66106.2025.11307515
27	Surat Pyari Atti	Energy-Efficient Beamforming for 6G mmWave Networks Using Deep Swarm Intelligence	October, 2025	4th International Conference on Innovative Mechanisms for Industry Applications (ICIMIA)	4	720	726	Scopus	Conference	10.1109/ICIMIA67127.2025.11200559
28	Satish Kumar D	Grid connected Single Stage PV system by UsingSuper Twisting Sliding Mode Controllers	September, 2025	2025 International Conference on Computing Technologies & Data Communication (ICCTDC)	NA	1	6	Scopus	Conference	10.1109/ICCTDC64446.2025.11158998
29	Dr. Sujoy Das	Application of Crayfish Optimization Algorithm for Addressing Combined Heat and Power Dispatch Problem	September, 2025	7th International Conference on Energy, Power and Environment (ICEPE)	7	1	6	Scopus	Conference	10.1109/ICEPE65965.2025.11139726
30	Anitha Nair	Smart Fuse - A GSM and Bluetooth Enabled Safety System	August, 2025	2025 11th International Conference on Electrical Energy Systems (ICEES)	11	381	384	Scopus	Conference	10.1109/ICEES67011.2025.11213158
31	Anitha Nair	Solar Cell-Based Energy Management System For Real-time Control and Optimization Of Electricity	August, 2025	2025 11th International Conference on Electrical Energy Systems (ICEES)	11	361	365	Scopus	Conference	10.1109/ICEES67011.2025.11212959
32	Anitha Nair	Speed Regulation using MRAC based FOPID Controller In Current-Controlled DC Motor based on Integral Time Absolute Error Reduction	August, 2025	2025 11th International Conference on Electrical Energy Systems (ICEES)	11	366	370	Scopus	Conference	10.1109/ICEES67011.2025.11213207
33	Dr. Vinoth Kumar K	IoT and Smart Sensor based Waste Management System for Smart Cities	June, 2025	International Conference on Emerging Technologies in Engineering Applications (ICETEA)	NA	1	6	Scopus	Conference	10.1109/ICETEA64585.2025.11099953
34	Dr. Vinoth Kumar K	A review Investigation on Current Trends in Smart Unsighted Cane IoT Technology	June, 2025	5th International Conference on Pervasive Computing and Social Networking (ICPCSN)	5	1	4	Scopus	Conference	10.1109/ICPCSN65854.2025.11035715

35	Dr. Vinoth Kumar K	High performance Computing Models in Electric Vehicles using Artificial Intelligence	April, 2025	International Conference on Inventive Computation Technologies (ICICT)	NA	1513	1516	Scopus	Conference	10.1109/ICICT64420.2025.11005038
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