

Conference Papers Published

Academic Year – 2021-22

(01st July 2021 – 30th June 2022)

Sl.no	Title of the paper	Name of the Author/s	Name of the Conference	Month and Year of publication	DOI	P No
1	Vandalizing Camcorder Recording by IR Embedded Screen and Audio Signal Generator	Dr Abdul Lateef Haroon P S	2022 IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE)	June 2022	https://doi.org/10.1109/ICDCECE53908.2022.9792821	1
2	Design and Simulation of 32 nm CNFET Digitally Programmable Current Conveyor	Nilam Gadda	2022 IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE)	June 2022	https://doi.org/10.1109/ICDCECE53908.2022.9793114	2

Academic Year – 2022-23

(01st July 2022 – 30th June 2023)

Sl.no	Title of the paper	Name of the Author/s	Name of the Conference	Month and Year of publication	DOI	P No
1	Wireless Charging and BMS for Optimizing Electric Vehicle Charging and Battery Management	Dr Abdul Lateef Haroon P S	2023 International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE)	June 2023	https://doi.org/10.1109/ICDCECE5786.2023.10150496	1
2	Wi-Fi Based Positioning System for Application in Child Safety	Dr Abdul Lateef Haroon P S	2023 International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE)	June 2023	https://doi.org/10.1109/ICDCECE5786.2023.10151356	2
3	Modelling of Perpetuating Energy Systems Using Synergy and Switched Reluctance Motor-Generator Set	Dr Abdul Lateef Haroon P S	2023 International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE)	June 2023	https://doi.org/10.1109/ICDCECE5786.2023.10150689	3
4	Secured Data Transmission in Multiplexing System	Mrs Vijayarani Katkam	2023 IEEE International Conference on Integrated Circuits and Communication Systems (ICICACS)	April 2023	https://doi.org/10.1109/ICICACS57338.2023.10099954	4

Academic Year – 2023-24
(01st July 2023 – 30th June 2024)

Sl.no	Title of the paper	Name of the Author/s	Name of the Conference	Month and Year of publication	DOI	P No
1	Wide-Deep Neural Networks with Randomized Sparse Backpropagation Simplify Demand-Side Load Event Detection	Mrs Vijayarani Katkam	2023 International Conference on Data Science and Network Security (ICDSNS)	September 2023	https://doi.org/10.1109/ICDSNS58469.2023.10245739	1
2	Customer Churn Prediction Using Tunicate Swarm Optimization Based Hybrid Machine Learning Algorithms	Dr Abdul Lateef Haroon P S	2024 International Conference on Distributed Computing and Optimization Techniques (ICDCOT)	May 2024	https://doi.org/10.1109/ICDCOT61034.2024.10515402	2
3	Home Automation Using Wi-Fi: ESP32-Based System for Remote Control and Environmental Monitoring	Dr Abdul Lateef Haroon P S	2024 Third International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE)	June 2024	https://doi.org/10.1109/ICDCECE60827.2024.10549726	3
4	Revolutionizing Bus Tracking and Arrival Prediction in Real Time for Both Public and Private Sectors, Powered by Firebase	Dr Abdul Lateef Haroon P S	2024 Third International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE)	June 2024	https://doi.org/10.1109/ICDCECE60827.2024.10549726	4
5	Tomato Leaf Disease Detection Using Conditional Generative Adversarial Network	Mr Ambrayya	2024 International Conference on Distributed Computing and Optimization Techniques (ICDCOT)	May 2024	https://doi.org/10.1109/ICDCOT61034.2024.10515893	5

Books/Chapters Published

Sl.no	Title of the paper	Name of the Author/s	Title of the Book	ISBN Number	Publication Date	P No
1	ARTIFICIAL INTELLIGENCE OF THINGS(AIOT): a beginner's perspective	Dr Fareeduddin Ahmed J s	Artificial Intelligence of Things	ISBN-13 979-8890675200	August 2023 https://www.amazon.in/ARTIFICIAL-INTELLIGENCE-THINGS-AIOT-perspective/dp/BOCGF1RHHZ	1

Academic Year – 2024-25
(01st July 2024 – 30th June 2025)

Sl.no	Title of the paper	Name of the Author/s	Name of the Conference	Month and Year of publication	DOI	P No
1	Efficient 1-Bit Full Adder Implementation with Reduced MOSFET Count	Dr Premachand D R; K M Srikantha	2024 Second International Conference on Networks, Multimedia and Information Technology (NMITCON)	October 2024	https://doi.org/10.1109/NMITCON62075.2024.10699284	1
2	A Squeeze Net Based Paddy Disease Classification	Dr Hemanthakumar Kappali	2024 5th International Conference on Circuits, Control, Communication and Computing (I4C)	November 2024	https://doi.org/10.1109/I4C62240.2024.10748530	2

3	Satellite Image Scene Classification Using Roulette Fitness-Distance Balance-Based Osprey Optimization Algorithm and Bidirectional-Long Short-Term Memory Approach	Dr Abdul Lateef Haroon P S	2024 International Conference on Integrated Intelligence and Communication Systems (ICIICS)	February 2025	https://doi.org/10.1109/ICIICS63763.2024.10860131	3
4	The Quasi-Oppositional-Based Learning Aquila Optimization Routing Protocol in Energy-Aware Wireless Communication	Dr Abdul Lateef Haroon P S	6G Communications Networking and Signal Processing (<i>Publisher Springer</i>)	February 2025	https://doi.org/10.1007/978-981-97-7876-8_7	4
5	Improved Recurrent Convolutional Neural Network for Crack Detection in Concrete Structures	Dr Abdul Lateef Haroon P S	2024 First International Conference on Software, Systems and Information Technology (SSITCON)	December 2024	https://doi.org/10.1109/SSITCON62437.2024.10796306	5
6	Prediction of Pavement Roughness using a Deep Neural Network Approach	Dr Abdul Lateef Haroon P S	2024 International Conference on Integrated Intelligence and Communication Systems (ICIICS)	November 2024	https://doi.org/10.1109/ICIICS63763.2024.10860023	6

Academic Year – 2025-26
(01st July 2025 – Till Date)

Sl.no	Title of the paper	Name of the Author/s	Name of the Conference	Month and Year of publication	DOI	P No
1	Integrated Knowledge Guided Graph Attention Network with Mixture Density Network for Crop Yield Prediction	Dr Abdul Lateef Haroon P S	ITM Web of Conferences	October 2025	https://doi.org/10.1051/itmconf/20257901045	1
2	Intelligent Plant Disease Detection and Classification using HV-GNN with Ontology-Driven Knowledge Embedding	Dr Abdul Lateef Haroon P S	ITM Web of Conferences	October 2025	https://doi.org/10.1051/itmconf/20257901047	2