



FACULTY PUBLICATIONS: Aug '23 – Jan '24

S.No.	Name of the Faculty	Title of Publication	Journal Name/Conference Proceeding Name/ Book Chapter Published	Month & Year	DOI	Scopus/ SCI / Others
1	Dr. Deepa Jose	Classification of EYE Diseases Using Multi-Model CNN.	4th Annual Flagship India Council International Subsections Conference (INDISCON) (pp. 1-6). IEEE.	Aug-23	10.1109/INDISCON58499.2023.10269949	Scopus
2	Dr. Deepa Jose	Reconfigurable Compute in Memory Using SRAM and Bit Serial Algorithm	2023 5th International Conference on Inventive Research in Computing Applications (ICIRCA)	Aug-23	10.1109/ICIRCA57980.2023.10220833	Scopus
3	Dr. Deepa Jose	Dollar Price Prediction Using ARIMA	Lecture Notes in Networks and Systems	Aug-23	10.1007/978-981-99-3177-4_2.	Scopus
4	Dr. Balaji V	Energy Efficient Cluster Head Selection and Routing Algorithm using Hybrid Firefly Glow-Worm Swarm Optimization in WSN.	KSII Transactions on Internet and Information Systems	Aug-23	-	Scopus
5	Dr. Deepa Jose	Enhancing Secure Communication in the Cloud through Blockchain Assisted-CP-DABE.	IEEE Access	Sep-23	10.1109/ACCESS.2023.33312609	SCI
6	Dr. Deepa Jose	Covid -19 Detection from X-Rays with Aid of Convolutional Neural Network	In 2023 International Conference on Network, Multimedia and Information Technology (NMITCON) (pp. 1-6). IEEE.	Sep-23	10.1109/NMITCON58196.2023.10275810	Scopus
7	Ms. K Karthika	ESP32 Cam based Vehicle Information Storage Container with Video Recovery Feature	2023 Second International Conference on Augmented Intelligence and Sustainable Systems (ICAISS)	Sep-23	10.1109/ICAISS58487.2023.10250639	Scopus
8	Dr. Deepa Jose	A Methodology for Increasing Precision for the Efficient Implementation of Sigmoid Function	Lecture Notes in Networks and Systems, vol 699. Springer (pp. 169-177).	Sep-23	10.1007/978-981-99-2271-0_14	Scopus



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9	Dr. Kavitha Balamurugan	<i>Design of an Intelligent and Smart Pill Box Using Arduino and Sensors</i>	<i>2023 4th International Conference on Smart Electronics and Communication (ICOSEC)</i>	Oct-23	10.1109/ICOSEC58147.2023.10276212	Scopus
10	Dr. Kavitha Balamurugan	<i>Implementation of Effective Rainfall Forecast Model using Machine Learning</i>	<i>2023 4th International Conference on Smart Electronics and Communication (ICOSEC)</i>	Oct-23	10.1109/ICOSEC58147.2023.10275838	Scopus
11	Dr. Kavitha Balamurugan	<i>IoT based Cold Supply Chain for Food Processing</i>	<i>2023 3rd Asian Conference on Innovation in Technology (ASIANCON)</i>	Oct-23	10.1109/ASIANCON58793.2023.10270459	Scopus
12	Dr. Kavitha Balamurugan	Ultra high reach optical fiber systems based on CW laser and VCSEL laser operation performance signature	Journal of Optical Communications	Nov-23	https://doi.org/10.1515/joc-2023-0293	Scopus
13	Ms R Maheswari	<i>Augmented Reality Home Automation Using AR Switches with IoT</i>	<i>2023 International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS), IEEE Explore</i>	Dec-23	10.1109/ICSSAS57918.2023	Scopus
14	Dr. Kavitha Balamurugan	Terahertz spectrum petrochemical sensing: a photonic crystal fiber refractive index hybrid structure approach	Journal of Optics	Dec-23	https://doi.org/10.1007/s12596-023-01553-8	SCI
15	Dr. Deepa Jose	Fault Detection and Analysis in SRAM through Self Refreshing Operation	EAI Endorsed Transactions on Scalable Information systems	Jan-24	https://doi.org/10.4108/eetsis.4025	Scopus
16	Dr. Deepa Jose	An ensemble-based serial cascaded attention network and improved variational auto encoder for breast cancer prognosis prediction using data	Computer Methods in Biomechanics and Biomedical Engineering, 2;27(1):98-115	Jan-24	doi.org/10.1080/10255842.2023.2280883	SCI