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COMPUTER SCIENCE AND BUSINESS SYSTEMS

CONFERENCE PUBLICATION

2025-2026

S.NO	AUTHORS	TITLE OF THE PAPER	CONFERENCE DETAILS (Name of the Conference, Venue, Date)	NAME OF THE PUBLISHER	DOI	INDEXING (Scopus/Google Scholar)
1.	Saraswathi S Selvakumar S.	Enhanced Anomaly Detection in Wireless Sensor Networks Using Isolation Forest, LSTM, and LSTM Autoencode	Proceedings of the 3rd International Conference on Inventive Computing and Informatics (ICICI-2025), 15 July 2025, Bangalore, India	IEEE Xplore	DOI: 10.1109/ICI CI65870.2025.11069875	Scopus
2	Vignesh Thangathurai ; S. Sangeetha; R. Kokila Devi; R. Vanithasri; A. Arun; K. Kiruthika	CommuniSense – AI-Driven Public Speaking Evaluation for Automated Speech and Body Language Analysis using Deep Learning Algorithms	2025 8th International Conference on Computing Methodologies and Communication (ICCMC), 23-25 July 2025, Erode, India	IEEE Xplore	DOI: 10.1109/ICC MC65190.2025.11139367	Scopus
3	Maheswari S, Arieth, R. Madonna, Pandian, A Anbarasa Kumar, Sandeep c, Deshpande, Nilkanth Mukund	AI-Powered Segmentation of Tumors in Multi-Modal Medical Images	2025 3rd International Conference on Communication, Security, and Artificial Intelligence (ICCSAI), 14 July 2025, Greater Noida, India	IEEE Xplore	DOI: 10.1109/ICC SAI64074.2025.11064057	Scopus



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4.	Sangeetha S.K.B, Anitha Rajakumari P., Anbarasa Pandian , Sandeep, Deshpande, Nilkanth Mukund	Deep Learning-Based Object Detection Across Multiple Visual Domains	2025 3rd International Conference on Communication, Security, and Artificial Intelligence (ICCSAI), 14 July 2025, Greater Noida, India	IEEE Xplore	DOI: 10.1109/ICC SAI64074 .2025.110 64557	Scopus
5	R.A.Mabel Rose , Varun C.M., Sivasakthi K., Kennady R., Lekha D.,	Leveraging AI and IoT Data for Predictive Modelling and Preventive Healthcare	2025 Third International Conference on Augmented Intelligence and Sustainable Systems (ICAISS), 24 June 2025, Trichy, India	IEEE Xplore	DOI: 10.1109/ICA ISS61471. 2025.110 41733	Scopus
6	Vanidhasri, R. , Kathirvel, A.	Improving EEG Signal Classification in Brain-Computer Interfaces via Grey Wolf Optimizer-based Deep Learning	Proceedings of 3rd International Conference on Sustainable Computing and Data Communication Systems Icsdcs 2025, 24 September 2025, Erode,	IEEE Xplore	DOI: 10.1109/ICS CDS6542 6.2025.11 167027	Scopus

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7	Vishnuraja Palanisamy; M. Thiyagarajan; R. Bhavani; Arun Anthonisamy; K. Manivannan; S. Vaishnavi	Smart Class on Android: A Handy Classroom Scheduling Solution	2025 International Conference on Next Generation Communication & Information Processing (INCIP), 09 June 2025, Bangalore, India	IEEE Xplore	DOI: 10.1109/INCIP64058.2025.11018896	Scopus
8	A.Arun Anthonisamy , Dr.R.Srivel	Next-Generation Parkinson's Disease Management: the Perform of Machine Learning in Early Diagnosis and Tailored Treatments	2025 11th International Conference on Communication and Signal Processing (ICCSP), 29 July 2025, Melmaruvathur, India	IEEE Xplore	DOI: 10.1109/ICCSP64183.2025.11088520	Scopus

9	P Girija; N Jeevitha; R Dhivya Bharathi; G. Karthi; B Yuvasri; D. K. Geriyaashakthi	Pervasive Computing: Revolutionizing Human-Technology Interaction for Smarter Ecosystems	2025 6th International Conference on Electronics and Sustainable Communication Systems (ICESC),30 October 2025, Coimbatore, India	IEEE Xplore	DOI: 10.1109/ICE SC65114.2025.11212625	Scopus
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10	S. Muruganandam; Linda Joseph; J. Arokia Renjit; Roshan PrakashS; Rohit M; Santhosh Kumar C	Enhancing Network Security with Deep Learning Based Intrusion Detection Systems	ICCDS 2025 INTERNATIONAL CONFERENCE ON COMPUTING AND DATA SCIENCE, Rajalakshmi Engineering College, Chennai	IEEE Xplore	https://ieeexplore.ieee.org/document/11209656/authors#authors	Scopus

11	Gopinath N. , Illahi, Syed Musadiq, Kalyani Y.V., Bhavani K , Wagle, Chandrika ,	Measuring Network Traffic Features Using Weighted Sum Model for Analyzing Threats over IoT Environment	5th Congress on Intelligent Systems (CIS 2024)	Springer	https://link.springer.com/chapter/10.1007/978-981-96-2700-4_2	Scopus
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12	R Sathish Kumar; T. Karthikeyan ; R Somnath; R Pitchumani; M Hariharan; <u>M Govindarajan</u>	Automated Dual-Path Glaucoma Detection using Convolutional Neural Networks and Optic Cup-to- Disc Ratio Analysis from	2025 6th International Conference on Electronics and Sustainable Communication Systems (ICESC) 30 October 2025	IEEE Xplore	https://ieeexplore.ieee.org/document/11	Scopus

		Fundus Images	Coimbatore, India		212590	
13	R Alexander; A Mary Valentina Janet; R Vanidha Sri ; S. Sasirekha; Avuduri Kathyani; V Shakthi Priya	A Multilingual LLM-Driven Digital Twin Framework for Climate Resilient Precision Agriculture	6th International Conference on Electronics and Sustainable Communication Systems, ICESC 2025, 30 October 2025 Coimbatore, India	IEEE Xplore	https://ieeexplore.ieee.org/document/11212629	Scopus



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14	K. E. Narayana S. Ravikumar S. Muruganandam R. Pradeep M. Sindhuja	Evaluating Machine Learning Algorithms for Breast Cancer Detection: Logistic Regression, Naive Bayes, and Decision Tree Models	Advances in Artificial Intelligence and Machine Learning in Big Data Processing Second International Conference, AAIMB 2024, Chennai, India, December 12–13, 2024	Springer Nature Link	https://link.springer.com/chapter/10.1007/978-3-032-13026-6_18	Scopus
15	S Krithika; S Raveena ; R Surendran	AI based Sustainable Vehicle Communication with Smart Buildings for Energy-Efficient Charging	2025 5th International Conference on Advancement in Electronics & Communication Engineering (AECE),	IEEE Xplore	https://ieeexplore.ieee.org/document/11386747	Scopus



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16	<p>1.A.PeterSoosaiAnandraj, 2.B.Guruprakash 3.R.Srinivasan 4.R.Vaishnavi 5.Krishna, 6.K. Santhan</p>	<p>Leveraging noise images for enhanced data security: An innovative encryption approach for cloud environments</p>	<p>Aip Conference Proceeding</p>	<p>AIP Publishing</p>	<p>https://pubs.aip.org/aip/acp/article-abstract/3345/1/020233/3376792/Leveraging-noise-images-for-enhanced-data-security?redirectedFrom=fulltext</p>	<p>Scopus</p>
17	<p>Mahaveerakannan R; R. Vanidhasri; Sudhakar K; D. N. S Ravi Kumar; R. Dhanalakshmi</p>	<p>Performance-based Evaluation of Machine Learning Methods for Thyroid Disorder Classification: From Accuracy to Clinical Utility</p>	<p>2025 4th International Conference on Automation, Computing and Renewable Systems (ICACRS)</p>	<p>IEEE Xplore</p>	<p>https://ieeexplore.ieee.org/document/11324353</p>	<p>Scopus</p>