



S.A. ENGINEERING COLLEGE

(Autonomous - Institute Level Research Centre, Affiliated to Anna University, Chennai)

Accredited by NAAC 'A' Grade & ISO 9001:2015 Certified Institution

Department of Master of Computer Applications

Faculty Publications

2025-2026

S.no	Publications	Academic Year (2023-2024)
1	International Journals – SCI	1
2	International Journals – SCOPUS	8
3	International Journals – Google Scholar	-
	Total	9

HOD/MCA



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2025-2026

SCI Publications

S.No	Name of the Faculty	Title of the Paper	Name of the Journal/Conference with Vol no, issue no, page no.	Type of Journal
1	Mrs. Rajeshwari R	Twin-layer attention graph convolutional network (TLA-GCN): Enhancing abnormality detection in chest x-rays	Applied Soft Computing, Volume 181, September 2025, 113514 , https://doi.org/10.1016/j.asoc.2025.113514	SCI

SCOPUS Publications

1	Dr. V.Sujatha	Experimental Analysis of Throughout Maximization and Delay Reduction over Wireless Sensor Network Through Neural Route Mapping	<i>Frontier Technologies and Solutions (ICFTS)</i> , Chennai, India, 2025, pp. 1-7, doi: 10.1109/ICFTS62006.2025.11031540. published on 20 June 2025	SI
2	Dr. V.Sujatha	Intelligent Emergency Communications Using Efficient Clustering Based Routing Strategy in Unmanned Aerial Vehicle Networks	<i>Frontier Technologies and Solutions (ICFTS)</i> , Chennai, India, 2025, pp. 1-7, doi: 10.1109/ICFTS62006.2025.11031536. published on 20 June 2025	SI
3	Dr. V.Sujatha	Blockchain-Enhanced Zero-Trust Architecture for Secure Key Management in Wireless Sensor Networks	<i>Smart Technologies, Communication and Robotics (STCR)</i> , Sathyamangalam, India, 2025, pp. 1-6, doi: 10.1109/STCR62650.2025.11019336 . published on 03 June 2025	SI



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4	Mrs. N. Juliet	Intelligent Crop Yield Prediction Using IoT and Optimized Deep Learning for Precision Agriculture	Smart Technologies Communication and Robotics published on 03 June 2025 DOI: 10.1109/STCR62650.2025.11018972	SI
5	Mr. Sankar R	An Efficient Energy Maximization Protocol Design based on Convolutional Route Optimization Protocol	Frontier Technologies and Solutions (ICFTS), Chennai, India, 2025, pp. 1-7, doi: 10.1109/ICFTS62006.2025.11031725. published on 20 June 2025	SI
6	Mr. Sankar R	Twin-Layer Deep Learning Model with IoT Integration for Intelligent Pest Detection in Smart Farming	<i>Smart Technologies, Communication and Robotics (STCR)</i> , Sathyamangalam, India, 2025, pp. 1-6, doi: 10.1109/STCR62650.2025.11020488 . published on 03 June 2025	SI
7	Mrs. Lakshmi N	Hybrid CNN-Transformer Model with Attention-Based Decoding for Accurate Abdominal Organ Segmentation in Medical Imaging	<i>Smart Technologies, Communication and Robotics (STCR)</i> , Sathyamangalam, India, 2025, pp. 1-6, doi: 10.1109/STCR62650.2025.11019937 . published on 03 June 2025	SI
8	Mrs. Lakshmi N	HealthCore: A Multi-Modal Framework to Predict Leukemia Disease Using Integrative Healthcare Image Evaluation	<i>Frontier Technologies and Solutions (ICFTS)</i> , Chennai, India, 2025, pp. 1-8, doi: 10.1109/ICFTS62006.2025.11031747. published on 20 June 2025	SI