

**SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY****An Autonomous Institution**

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Journal Detail of Faculty**Academic Year: 2024 - 2025**

S. No	Name of the Faculty	Name of the Authors	Title of the Paper	Journal Title	Publishers Name	ISSN Number/IS BN Number	Volume Number, Issue Number	Year of Publication	Indexing Detail	Journal Link
1	Dr. C. Sujatha	Saranya. G, C. Sujatha	An automated and Lightweight Recursive Kernel Optimized Network (LReKON) learning model for cervical cancer diagnosis	Knowledge-Based Systems	Elsevier	1872-7409	vol 323, 113742	1 July 2025	SCIE	https://www.sciencedirect.com/science/article/abs/pii/S0950705125007889
2	Dr. C. Sujatha	G Prabu, C Sujatha, JE Shine, T Arulkumar	SFFHO: Development of Statistical Fitness-based Fire Hawk Optimizer for Software Testing and Maintenance Approach using Adaptive Deep Learning Method	Journal of Electronic Testing	Springer	1573-0727	Volume 41, pages 313–338	June 2025	SCIE	https://link.springer.com/article/10.1007/s10836-025-06177-3
3	Dr. G. Prabu	G Prabu, C Sujatha, JE Shine, T Arulkumar	SFFHO: Development of Statistical Fitness-based Fire Hawk Optimizer for Software Testing and Maintenance Approach using Adaptive Deep Learning Method	Journal of Electronic Testing	Springer	1573-0727	Volume 41, pages 313–338	June 2025	SCIE	https://link.springer.com/article/10.1007/s10836-025-06177-3
4	Dr. M. Nanmalar	M. Nanmalar, S. Johanan Joysingh, P. Vijayalakshmi, T. Nagarajan	A Feature Engineering Approach for Literary and Colloquial Tamil Speech Classification using 1D-CNN	Speech Communication	Elsevier	1872-7182	Volume 173, September 2025, 103254	May 2025	SCIE	A feature engineering approach for literary and colloquial Tamil speech classification using 1D-CNN - ScienceDirect
5	Dr. G. Prabu	Uthirasamy R, Arulkumar T, Prabu G, SivaKumar V	Solving economic emission dispatch of combined heat and power units problem using enhanced Tasmanian devil optimization strategy in power systems.	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	Taylor & Francis	15567036	Volume 46, No. 1, 14012–14032	Oct 2024	Scopus	https://www.tandfonline.com/doi/full/10.1080/15567036.2024.2404260
6	Dr. A. Aldo Tennis	Dr. A. Aldo Tennis, Mr. M. Jayababu, Dr. Venkateswarlu Mannepally, Dr. Praveen Pawar	Smart IoT Data Handling Using Deep Learning and Data Mining Approaches	Journal of Information Systems Engineering and Management	JISEM	2468-4376	volume 10, issue 48s	May-25	Scopus	https://www.researchgate.net/publication/392174599_Smart_IoT_Data_Handling_Using_Deep_Learning_and_Data_Mining_Approaches
7	Dr. G. Prabu	Prabu G, Joseph ER, Poonkuzhali SM	Unlocking the Power of UPI: A Machine Learning Journey through	2025 International Conference on Data Science, Agents & Artificial Intelligence (ICDSAAI)	IEEE	ISBN:979-8-3315-3755-5	pp. 1-7	March 2025	Scopus indexed	https://ieeexplore.ieee.org/abstract/document/11011846

8	Dr. S. Sudhakar	Dr. S. Sudhakar, Dr. V. P. Kolanchinathan, S. Sivasaravana Babu, M. Akash, B. Arunkumar, V.B. Arunkumar	A Framework for the Tuberculosis Detection through CXR using Deep Learning Networks	ICCPCT 2024 7th International Conference	IEEE	979-8-3503-7281-6	pp1511-1515	August 2024	Scopus indexed	https://ieeexplore.ieee.org/document/10672850/authors#authors
9	Dr. S. Sudhakar	Dr. S. Sudhakar, S. Sivasaravana Babu, T. R. Dinesh Kumar, A. Darwin, M. Gowtham, R. Danushkodi	Detection of Diabetic Retinopathy Through Application of Deep Learning Technique	Proceedings of ICRTC 2024	Springer Link- LNNS Book series	978-981-97-8836-7_29	Volume 885, pp 353-368	March 2025	Scopus indexed	https://link.springer.com/chapter/10.1007/978-981-97-8836-1_29
10	Dr. A. Aldo Tenis	Durgam Rajababu, Madhu Chavva, Dr. T.N. Srinivas Rao, Aldo Tenis A	Deep Learning-Driven Real-Time Facial Recognition for Enhanced Security	IEEE-Asian Conference on Intelligent Technologies	IEEE	979-8-3503-7495-7	Volume 10941142	Sep-24	Scopus indexed	https://ieeexplore.ieee.org/abstract/document/10939332
11	Mrs. K. Sureka	G.Merlin Suba, A.N. Arularsan, K.Rajalakshmi, K. Sureka, Yousef Farhaoul, G. Gopalakrishnan	Heart Disease Health Care Prediction Based on Enhanced Linear Support Vector	Sixth International Conference on Artificial Intelligence and Smart Environments (ICAISE2024), Morocco	Springer, Cham	978-3-031-90921-4	(LNNS, volume 1397	May 2025	Scopus indexed	https://link.springer.com/chapter/10.1007/978-3-031-90921-4_1
12	Mrs. S. Suganya	S.Suganya, Dr. M. Buvana	Autism Spectrum Disorder (ASD) Classification using Deep Learning	I-SMAC(IoT in Social, Mobile, Analytics and Cloud) 20240	Purwanchal Campus, Institute of Engineering, Tribhuvan University, Nepal	979-8-3503-7643-2	23 October 2024	Oct 2024	Scopus indexed	https://ieeexplore.ieee.org/document/10714781
13	Mrs. S. Suganya	A. Sathya Sofia, C. P. Thamil Selvi, S. Suganya, P. Francis Antony Selvi & M. Shanthalakshmi	Machine Learning Based Traffic Congestion and Accident Prevention Analysis	Advances in Artificial Intelligence and Machine Learning in Big Data Processing	S.A. ENGINEERING COLLEGE Chennai	978-3-031-73068-9	CCIS, volume 2203	Oct 2024	Scopus indexed	https://link.springer.com/chapter/10.1007/978-3-031-73068-9_9#citeas
14	Mrs. J. Dhanalakshmi	J. Dhanalakshmi, Dr. N. Pandeewari	Blockchain Enabled Security and Integrity in Cloud Computing	I-SMAC(IoT in Social, Mobile, Analytics and Cloud) 2024	Purwanchal Campus, Institute of Engineering, Tribhuvan University, Nepal	2768-0673	23 October 2024	Oct 2024	Scopus indexed	https://ieeexplore.ieee.org/document/10714885
15	Dr. S. Sudhakar	Dr. S. Sudhakar, Mrs. M. Backialakshmi, Mrs. A. Padmapriya	Digital Payment and data visualization models	Industrial Engineering Journal	UGC Care	0970-2555	Vol 54, Issue 5, No. 5	2025	UGC Care Group 1	http://www.journal-iiie-india.com/1_may_25/17_5_may.pdf
16	Mrs. A. Padma Priya	Dr. S. Sudhakar, Mrs. M. Backialakshmi, Mrs. A. Padmapriya	A CNN-Driven Deep Learning Approach for Detecting Leukemia in Microscopic Images	Industrial Engineering Journal	UGC Care	0970-2555	Vol 54, Issue 5, No. 5	2025	UGC Care Group 1	http://www.journal-iiie-india.com/1_may_25/17_5_may.pdf
17	Mrs. S. Suganya	Dr. S. Radhakrishnan, Mrs. G. Lakshmi, Mrs. S. Suganya	Hybrid Medical Image Compression	Industrial Engineering Journal	UGC Care	0970-2555	Vol 54, Issue 3, No. 1	May 2025	UGC Care Group 1	http://www.journal-iiie-india.com/1_mar_25/8_1.pdf