



S.A. ENGINEERING COLLEGE

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

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

LIST OF FACULTY PUBLICATIONS

ACADEMIC YEAR 2022-23

INTERNATIONAL JOURNAL: SCI

S.No	Name Of The Faculty	Papers Published			
		Title of the Paper	Name of the Journal	Month & Year of Publication	DoI
1	Dr.R.Geetha	COVIDetection: deep convolutional neural networks-based automatic detection of COVID-19 with chest x-ray images	Research on Biomedical Engineering	Jun 2022	https://doi.org/10.1007/s42600-022-00230-2
2	Dr.R.Geetha	Effectiveness Review of the Machine Learning algorithms for Scheduling in Cloud Environment	Archives of Computational Methods in Engineering	Mar 2023	https://doi.org/10.1007/s11831-023-09921-0
3	Dr.R.Geetha	Analysis of Delay-Aware Worm Propagation Model in Wireless IoT Systems with Ratio-Dependent Functional Response	IEEE Access	Apr 2023	https://doi.org/10.1007/s11831-023-09921
4	Dr.K. Dinakaran	Malicious Activities Prediction Over Online Social Networking Using Ensemble Model	Intelligent Automation & Soft Computing	Sep 2022	https://doi.org/10.32604/iasc.2023.028650



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5	Dr.M.Anuradha	Resource allocation scheme for CCRN using hybrid Giza Pyramids construction-based complex-valued satin bowerbird optimization	The Journal of Supercomputing	Sep 2022	https://doi.org/10.1007/s11227-022-04761-4
6	Dr.D.Hemanand	Applications of Intelligent Model to Analyze the green Finance for Environmental Development in the context of Artificial Intelligence	Computational Intelligence and Neuroscience, Volume 2022	Jul 2022	https://doi.org/10.1155/2022/2977824
7	Dr.D.Hemanand	Multilayer vectorization to develop a deeper image feature learning model	Automatika / T&F	Jan 2023	10.1080/00051144.2022.2157946
8	Dr.D.Hemanand	A Five Stage Security Analysis Model for Detecting and Preventing Wormhole Attack in Mobile Ad-Hoc Networks Using Adaptive Atom Search Algorithm	Wireless Personal Communication	Sep 2022	https://doi.org/10.1007/s11277-022-09964-9
9	Dr.D.Hemanand	Multilayer vectorization to develop a deeper image feature learning model	Automatika	Dec 2022	10.1080/00051144.2022.2157946



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10	Dr.M.Nalini	Personalized ontology and deep training tree-based optimal gated recurrent unit-recurrent neural network for prediction of students' behavior	Concurrency Computat Pract Experience	Sep 2022	https://doi.org/10.1002/cpe.7420
11	Dr. V.Kaliraj	A design of movie script generation based on natural language processing by optimized ensemble deep learning with heuristic algorithm	Data & Knowledge Engineering	Mar 2023	https://doi.org/10.1016/j.datak.2023.102150
12	R.Shobana	Advanced day lighting system using fiber optics	Optical and Quantum Electronics	Apr 2023	https://doi.org/10.1007/s11082-023-04608-z
13	C.Lakhmi Priya	Sewage and Health Monitoring using IoT	Telematique	Oct 2022	https://www.provinciajournal.com/index.php/telematique/article/view/801

FACULTY PUBLICATIONS - INTERNATIONAL JOURNAL: SCOPUS

S.No	Name Of The Faculty	Papers Published			
		Title of the Paper	Name of the Journal	Month & Year	DoI
1	Dr.R.Geetha	An Efficient key agreement and Authentication Scheme (KAAS) with enhanced security	Springer, International Journal of Information Technology	Feb 2023	https://doi.org/10.1007/s41870-023-01173-2



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		control for IIoT Systems			
2	Dr.M.Anuradha	Heterogeneous Ensemble Variable Selection To Improve Customer Prediction Using Naive Bayes Model	International Journal on Recent and Innovation Trends in Computing and Communication	May 2023	https://doi.org/10.17762/ijritcc.v11i5s.6599
3	Dr.D.Hemanand	An Image Denoising Scheme Remove unwanted Pixel Using NLM with Sprint Deep Learning Network	International Journal of Intelligent Systems and Applications in Engineering	Jan 2023	https://ijise.org/index.php/IJISAE/article/view/2207
4	Dr.D.Hemanand	<i>A High-Performance Infrastructure for Remote Sensing Data Applications Using HPC Paradigms</i>	International Journal of Electrical and Electronics Research	Jun 2022	10.37391/ijeer.100255
5	Dr.D.Hemanand	Analysis of power optimization and enhanced routing protocols for wireless sensor networks	Measurement: Sensors	Nov 2022	https://doi.org/10.1016/j.measen.2022.100610
6	Dr.D.Hemanand	An Intelligent Intrusion Detection and Classification System using CSGO-LSVM Model for Wireless Sensor Networks (WSNs)	International Journal of Intelligent Systems and Applications in Engineering	Sep 2022	ISSN: 2147-6799
7	Dr.D.Hemanand	Insulator-metal phase transition in novel Sr ₂ O ₅ TiO ₆ double perovskite via doping - Computational FP study	Computational Condensed Matter Volume 33, December 2022, e00732	Dec 2022	https://doi.org/10.1016/j.cocom.2022.e00732
8	Dr.D.Hemanand	Analysis of power optimization and enhanced routing protocols for wireless sensor networks	Measurement: Sensors	Nov 2022	https://doi.org/10.1016/j.measen.2022.100610



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9	Dr.D.ChitraDev i	Classification Of Dermoscopy Textures With An Ensemble Feedback Of J48	Journal of Pharmaceutical Negative Results	April 2023	https://doi.org/10.47750/pnr.2023.14.03.467
10	Dr.R.Siva Subramanian R	Customer Patterns analysis using multi-level attribute selection with machine learning models	Indian Journal of Computer Science and Engineering	Oct 2022	10.21817/indjcse/2022/v13i5/221305098
11	R.Shobana	Data congestion control framework in Wireless Sensor Network in IoT enabled intelligent transportation system	Measurement Sensors	Dec 2022	https://doi.org/10.1016/j.measen.2022.100563

FACULTY PUBLICATIONS - INTERNATIONAL CONFERENCE

S. No	Name Of The Faculty	Papers Published			
		Title of the Paper	Name of the Journal/Conference	Month & Year of Publication	DoI
1	Dr.S.Sivakumar	<i>Federated Learning Approach for Tracking Malicious Activities in Cyber-Physical Systems</i>	International Conference on Edge Computing and Applications	Nov 2022	10.1109/ICECAA55415.2022.9936285
2	Dr.S.Sivakumar	<i>Deployment of Disease Prediction Model in AWS Cloud</i>	2022 International Conference on Edge Computing and Applications	Nov 2022	10.1109/ICECAA55415.2022.9936239
3	Dr.M.Nalini	Traffic Aware Routing with Round Robin Technique for Equating the Load in Software Defined WSN	IEEE conference	Apr 2023	10.1109/ICEARS56392.2023.10085019



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4	Dr.M.Nalini	Hybrid Variable Selection Approach to Analyse High Dimensional Dataset	IEEE conference	Apr 2023	10.1109/ICC MC56507.20 23.10084227
5	Dr.R.Siva Subramanian	A Survey on Alleviating the Naïve Bayes Conditional Independence Assumption.	International Conference on Augmented Intelligence and Sustainable Systems	Sep 2022	10.1109/ICAI SS55157.202 2.10011103.
6	Dr R.Siva Subramanian	Customer Analysis using Machine Learning with Feature Selection Approaches: A Comparative Study	International Conference on Augmented Intelligence and Sustainable Systems	Nov 2022	10.1109/ICAI SS55157.202 2.10011059
7	S.Arumai shiney	Usage of Ensemble Regression Technique for Product Price Prediction	International conference on Inventive research in computer applications	Jul 2022	10.1109/ICIR CA54612.202 2.9985521