



S.A. ENGINEERING COLLEGE

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

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Department of Master of Computer Applications Faculty Publications 2023-2024

S.no	Publications	Academic Year (2023-2024)
1	International Journals – SCI	4
2	International Journals – SCOPUS	12
3	International Journals – Google Scholar	-
	Total	16

S.no	Publications	Academic Year (2023-2024)
1	Total Citations (all faculty) =	126

HOD/MCA



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Department of Master of Computer Applications – Faculty

Publications (2023–2024)

Staff-wise Consolidation

S.No	Faculty Name	SCI Publications	SCOPUS Publications	Total Publications	Total Citations
1	Dr. V. Sujatha	2	1	3	63
2	Dr. R. Anitha	2	—	2	26
3	Mrs. N. Juliet	—	1	1	0
4	Mr. R. Sankar	—	3	3	9
5	Mrs. K. Malathy	—	1	1	1
6	Mrs. R. Rajeshwari	—	5	5	27
7	Mrs. V. Praveena	—	1	1	0

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Department of Master of Computer Applications

Faculty Publications

2023-2024

SCI Publications

S.No	Name of the Faculty	Title of the Paper	Journal Name	Indexed Details	Citations
1	Dr. V.Sujatha	HumanStress Detection in and Through Sleep Patterns Using Machine Learning Algorithms	Journal of The Institution of Engineers (India): Series B 105, 1691–1713 (2024) published on 25-05-2024, https://doi.org/10.1007/s40031-024-01079-y	SCI	6
2	Dr. V.Sujatha	Advanced model based machine learning technique for early stage prediction of ankylosing spondylitis under timely analysis with featured textures	Multimedia Tools and Applications Volume 83, pages 68393–68413, (2024) published on 27-01-2024, https://doi.org/10.1007/s11042-024-18236-6	SCI	14
3	Dr. R.Anitha	Dark web data classification using deep neural network	International Journal of Electronic Security and Digital Forensics Vol. 16, No. 2, pp 202-212 published on 01-03-2024, https://doi.org/10.1504/IJESDF.2024.137033	SCI	3



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4	Dr. R.Anitha	Energy Efficient Region based Source Distributed Routing Algorithm for Sink Mobility in Underwater Sensor Network	Expert Systems with Applications Volume 233, 120941 published on 15-12-2023, https://doi.org/10.1016/j.eswa.2023.120941	SCI	23
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SCOPUS Publications

1	Dr. V.Sujatha	An Experiment to Develop an Enhanced Medical Image Security by using Deep Learning Assisted Crypto Policy	Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering published on 03- 01-2024 DOI:10.1109/RMKMATE592 43.2023.10369813	SCOPUS INDEXED	43
2	Mrs.R.Rajeshwari	A Distinctive Explainable Deep Learning Framework to Predict Pulmonary Function at Chest CT Scan	Advances in Electrical, Electronics and Computational Intelligence published on 03- 01-2024 DOI:10.1109/ICAEECI58247. 2023.10370935	SCOPUS INDEXED	12
3	Mrs. N.Juliet	An IoT enabled Malware Identification Mechanism over Digital Documents using Predictive Learning Scheme	Advances in Computing, Communication and Applied Informatics, published on 04- 08-2023 DOI:10.1109/ACCAI58221.2	SCOPUS INDEXED	NIL



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4	Mr. R.Sankar	EHLM: Empirical Design of Novel Road Curve and Lane Identification Scheme using Effective Hybrid Learning Methodology	Innovative Computing, Intelligent Communication and Smart Electrical Systems, published on 19-03-2024 DOI:10.1109/ICSES60034.2023.10465464	SCOPUS INDEXED	NIL
5	Mr. R.Sankar	Intelligent and Smart Health Care Monitoring System based on Deep Convolutional Neural Network Model	Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering, published on 03-01-2024 DOI:10.1109/RMKMATE59243.2023.10368632	SCOPUS INDEXED	6
6	Mr. R.Sankar	IoT Assisted Drunk and Drive People Identification to Avoid Accidents and Ensure Road Safety Measures	Advances in Computing, Communication and Applied Informatics, published on 04-08-2023 DOI:10.1109/ACCAI58221.2023.10200809	SCOPUS INDEXED	3
7	Mrs.K.Malathy	An Effective Security Protocol Design for IRIS based Credential Evaluation using Intensive Deep Learning Scheme	Advances in Computing, Communication and Applied Informatics published on 04-08-2023 DOI:10.1109/ACCAI58221.2023.10199928	SCOPUS INDEXED	1



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8	Mrs.R.Rajeshwari	INCL: A Robust Design of Artificial Intelligence Assisted Learning based Cardiovascular Disease Detection using Improved Neural Classification Logic	Advances in Computing, Communication and Applied Informatics published on 2024-05-09 DOI: 10.1109/accai61061.2024.10602080	SCOPUS INDEXED	NIL
9	Mrs.R.Rajeshwari	Design and Development of a Novel Sensor Assisted Vehicle Count Prediction Using Modulated Deep Learning Principles	Science Technology Engineering and Mathematics published on 2024-04-04 DOI: 10.1109/iconstem60960.2024.10568881	SCOPUS INDEXED	15
10	Mrs.R.Rajeshwari	Robust Methodology Design to Detect Anomalies Over Wireless Sensor Networks Using Predictive Learning Strategy	Science Technology Engineering and Mathematics published on 2024-04-04 DOI: 10.1109/iconstem60960.2024.10568894	SCOPUS INDEXED	NIL
11	Mrs.R.Rajeshwari	A Novel Evaluation of Cryptocurrency Future Price Prediction to Manage Fluctuations in Market by using Hybrid Learning Methodology	Innovative Computing, Intelligent Communication and Smart Electrical Systems published on 2023-12-14 DOI: 10.1109/icses60034.2023.10465349	SCOPUS INDEXED	NIL



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12	Mrs.V .Praveena	Fuzzy Logic-Based Efficient Routing Protocol for Energy Sustainability in Wireless Sensor Networks	Electronics, Communication and Aerospace Technology, published on 09-02-2024 DOI: 10.1109/ICECA58529.20 23.10395467	SCOPUS INDEXED	NIL
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