Department of Master of Computer Applications

Faculty Publications

2024-2025

S.no	Publications	Academic Year (2023-2024)
1	International Journals – SCI	4
2	International Journals – SCOPUS	31
3	International Journals – Google Scholar	
	Total	35

S.no	Publications	Academic Year (2023-2024)
1	Total Citations (all faculty) =	47

Department of Master of Computer Applications

Faculty Publications (2024–2025)

Staff-wise Consolidation

S.No	Faculty Name	SCI Publications	Scopus Indexed Publications	Total Publications	Total Citations
1	Dr. V. Sujatha	3	8	11	34
2	Dr. R. Anitha	–	2	2	2
3	Mrs. N. Juliet	1	6	7	1
4	Mr. R. Sankar	–	4	4	3
5	Mrs. K. Malathy	–	5	5	1
6	Mrs. R.Rajeshwari	–	–	–	–
7	Mrs. Lakshmi N	–	4	4	–
8	Mrs. V. Praveena	–	2	2	6

Department of Master of Computer Applications

Faculty Publications

2024-2025

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	Citations
1	Dr. V. Sujatha	An effective review on the prediction and analysis of infectious lung diseases using machine learning algorithms	International Journal of Bioinformatics Research and Applications Vol. 20, No. 3, pp 205-228, https://doi.org/10.1504/IJBRA.2024.139999, published on 15-07-2024	SCI	NIL
2	Dr. V. Sujatha	Intrusion detection in clustering wireless network by applying extreme learning achine with deep neural network algorithm,	Indonesian Journal of Electrical Engineering and Computer Science, Vol. 38, No., pp. 887~896. ISSN: 2502-4752, DOI: 10.11591/ijeecs.v38.i2.pp887-896, published on 2 May 2025	SCI	NIL
3.	Dr. V. Sujatha	Graphene Metasurface Based Biosensor for COVID-19 Detection in the Terahertz Regime with Machine Learning Optimization using K-Nearest Neighbours	Plasmonics 20, 5447–5469 (2025). DOI: https://doi.org/10.1007/s11468-024-02686-7 , published on 02 December 2024	SCI	28

		Regression			
4	Mrs. N. Juliet	Telemedicine and Information Technology in Health Care Management: Perspectives and Barriers among Nursing Students	Journal of Education and Health Promotion 13(1):416, October 2024. | DOI: 10.4103/jehp.jehp_290_24. Published on 11-10-2024	SCI	NIL

Scopus Publication

S.No	Name of the Faculty	Title of the Paper	Name of the Journal/Conference with Vol no, issue no, page no.	Indexed Details	Citations
1	Dr. V.Sujatha	Lightweight Sybil attack detection framework for wireless sensor network with cluster topology	Innovations In Electronics And Communication Systems (Iciecs2022) , https://doi.org/10.1063/5.0247037 published on 09 January 2025	SI	NIL
2	Dr. V.Sujatha	Cutting-Edge Solutions Exploring the Experimental Possibilities of Route Optimization with Wireless Sensor Networks	*Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES)*, Chennai, India, 2024, pp. 1-7, **DOI:** 10.1109/ICSES63760.2024.1091080 8, published on 12 March 2025	SI	NIL
3	Dr. V.Sujatha	Experimental Analysis of an Efficient Dental Carries Prediction System on Improved Convolutional Neural Network(ICNN) Principle	*Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES)*, pp. 1-6, **DOI:**	SI	1

			10.1109/ICSES63760.2024.1091034 5. published on 12 March 2025		
4	Dr. V.Sujatha	A Robust Design of Fault Nodes Identification and Recovery Model Over Wireless Sensor Network	Science Technology Engineering and Mathematics (ICONSTEM), Chennai, India, 2024, pp. 1-7, doi: 10.1109/ICONSTEM60960.2024.10 568749. published on 28-June-2024	**SI**	**2**
5	Dr. V.Sujatha	Illuminating the Future: A Smart Street Light Controlling and Monitoring System Using Internet of Things Enabled Smart Sensors	Science Technology Engineering and Mathematics (ICONSTEM), 2024 **DOI:** 10.1109/ ICONSTEM60960.2024.10568747, published on 28-06-2024	**SI**	**1**
6	Dr. V.Sujatha	Revolutionizing Military Operations: A Smart Fabrication of Bomb Detection and Diffusing Robot with Location Sharing Feature	Advances in Computing, Communication and Applied Informatics (ACCAI) **DOI:** 10.1109/ACCAI61061.2024.106017 51, published on 25 July 2024	**SI**	**1**
7	Dr.V.Sujatha	The performance analysis of image resolution model using deep residual algorithm	Computing Communication and Networking Technologies, ICCCNT 2024 **DOI:** 10.1109/ ICCCNT6,1001.2024.10724272, published on 04-11-2024	**SI**	**NIL**
8	Dr.V.Sujatha	A Novel Implementation of an IoT Powered Open Borewell Child Rescue System using ESP8266	Advances in Computing, Communication and Applied Informatics, ACCAI 2024, 2024 **DOI: 10.1109/ ACCAI61061.**	**SI**	**1**

		and Logical Sensors Association	**2024.10601878,** published on 25-07-2024		
9	Dr. R.Anitha	An improved visual reality experience for gaming applications using visual image processing	Computing Communication and Networking Technologies (ICCCNT) 2024 **DOI:** 10.1109/ICCCNT61001.2024.10724728. published on 04-11-2024	SI	NIL
10	Dr. R.Anitha	Experimental Evaluation of Diabetes Mellitus Prediction Scheme Based on Enhanced Machine Learning Strategy	Science Technology Engineering and Mathematics (ICONSTEM) 2024 **DOI:** 10.1109/ ICONSTEM 60960.2024, published on 28-06-2024	SI	2
11	Mrs. N.Juliet	Empowering Safety: Designing of an IoT based Women Protective System using Artificial Intelligence enabled Smart Sensors	Advances in Computing, Communication and Applied Informatics, ACCAI 2024. **DOI:** 10.1109/ACCAI61061.2024.10601812, published on 25-07-2024	SI	1
12	Mrs.N.Juliet	An Enhanced Prediction Logic to Forecast Bitcoin Price Variations Using Elevated Machine Learning Principles	Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024, **DOI:**10.1109/ ICONSTEM 0960.2024.10568622, published on 28-06-2024	SI	NIL

13	Mrs.N.Juliet	An Improved Digital Image Processing Based Driver Sleep Identification and Alert System Using Internet of Things with Smart Sensors Association	Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024.**DOI:**10.1109/ICONSTEM60960.2024.10568610, published on 28-06-2024	**SI**	**NIL**
14	Mrs. N. Juliet	A Comprehensive Examination for P2P Communication in Multi-hop Overlay Network	Computing Communication and Networking Technologies (ICCCNT), pp. 1-6, **DOI:** 10.1109/ICCCNT61001.2024.10726126, published on 04 November 2024	**SI**	**NIL**
15	Mrs. N. Juliet	A Moderated Deep Learning Approach for Retinal Blood Vessel Segmentation Hybrid Neural Classification and Optimization Logic	Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES), pp. 1-6, **DOI:** 10.1109/ ICSES 63760.2024.10910748, published on 12 March 2025	**SI**	**NIL**
16	Mrs. N. Juliet	A Robust Artificial Intelligence Enabled Methodology to Predict Online Consumers Behaviour Using Hybrid Deep Learning Strategy	Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES), pp. 1-7, **DOI:** 10.1109/ ICSES 63760.2024.10910617, published on 12 March 2025.	**SI**	**NIL**
17	Mr. R.Sankar	Intelligent Fabrication of IoT Assisted Smart Voice based Wheelchair Controlling System for Physically Challenged People	Advances in Computing, Communication and Applied Informatics, ACCAI 2024, **DOI:** 10.1109/ ACCAI 61061.2024.10601877, published on 25-07-2024	**SI**	**2**

18	Mr. R.Sankar	Cybersecurity Enabled Improved BigData Privacy Management Measures to Preserve Information With Privacy Concerns	Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation,**DOI:** 10.1109/ICONSTEM60960.2024.10568845, published on 28-06-2024	**SI**	**NIL**
19	Mr. R.Sankar	The smart analysis of energy optimization for sensor nodes in Ad-Hoc networks	*Computing Communication and Networking Technologies (ICCCNT)*, Kamand, India, 2024, pp. 1-6, **DOI:** 10.1109/ICCCNT61001.2024.10723937, published on 04 November 2024	**SI**	**NIL**
20	Mr. R.Sankar	An Internet of Things (IoT) Assisted Forest Fire Detection Mechanism Using Hybrid Classification and Learning Model	*Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES)*, pp. 1-6, **DOI:** 10.1109/ICSES63760.2024.10910732, published on 12 March 2025	**SI**	**1**
21	Mrs. K.Malathy	An improved intrusion detection systems for Social security using AI-based technique	Computing Communication and Networking Technologies, ICCCNT 2024. **DOI:** 10.1109/ICCCNT61001.2024.10725437, published on 04-11-2024	**SI**	**1**

22	Mrs. K.Malathy	An Improved Drug Recommendation System Using Artificial Intelligence Assisted Learning Methodology	Advances in Computing, Communication and Applied Informatics, ACCAI 2024, 2024 **DOI:**10.1109/ACCAI 61061.2024.10602473, published on 25-07-2024	**SI**	**NIL**
23	Mrs. K.Malathy	A Real-Time Road Surface Identification and Tracking Based on Raspberry PI Assisted IoT Enabled Image Processing Scheme	Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, **DOI:**10.1109/ ICONSTEM60960.2024.10568900, published on 28-06-2024	**SI**	**NIL**
24	Mrs. K.Malathy	CDNN: A Novel Methodology Development to Detect Online Social Network Cyberbullying Threats Using Convoluted Deep Neural Network Principle	Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES) **DOI:** 10.1109/icses63760.2024.10910787, published on 12 March 2025	**SI**	**NIL**
25	Mrs. K.Malathy	ENCL: Empirical Evaluation of Consumer Behaviour Analysis Model Using Internet of Things (IoT) Based Enhanced Neural Classification Logic	Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES) **DOI:** 10.1109/icses63760.2024.10910588, published on 12 March 2025	**SI**	**NIL**

26	Mrs. Lakshmi N	Empirical Evaluation of AI Based Oral Cancer Identification Scheme Using Learning Assisted Medical Image Processing Scheme	*Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES)*, pp. 1-6, **DOI:** 10.1109/ICSES 63760.2024.10910885 , published on 12 March 2025	**SI**	**NIL**
27	Mrs. Lakshmi N	NextGen Robot: An Efficient and Effortless Wall Painting Robot Design Based on Artificial Intelligence (AI) Principles	*Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES)*, pp. 1-6, **DOI:** 10.1109/ICSES63760.2024.1091042 0, published on 12 March 2025	**SI**	**NIL**
28	Mrs. Lakshmi N	HealthCore: A Multi-Modal Framework to Predict Leukemia Disease Using Integrative Healthcare Image Evaluation	Frontier Technologies and Solutions (ICFTS) 2025-03-27, *DOI: 10.1109/icfts62006.2025.1103 1747* published on 20 June 2025	**SI**	**NIL**
29	Mrs. Lakshmi N	Hybrid CNN-Transformer Model with Attention-Based Decoding for Accurate Abdominal Organ Segmentation in Medical Imaging	Smart Technologies Communication and Robotics 2025, DOI: 10.1109/STCR62650.2025.11 019937 published on 03 June 2025	**SI**	**NIL**

30	Mrs.V .Praveena	Maximizing Cloud Security: Empirical Evaluation of an Efficient Identity oriented Signature Verification Scheme for Wireless Networks	Communication and Computing, WCONF 2024 **DOI:** 10.1109/ WCONF 61366.2024.10692001, published on 04-10-2024	**SI**	**1**
31	Mrs.V .Praveena	Experimental Evaluation of a Secured Phrase Searching Model Using Cipher Principles Over Cloud Computing Platform	International Conference on Intelligent Systems for Cybersecurity, ISCS 2024, **DOI:** 10.1109/ ISCS 61804.2024.10581121 published on 12-07-2024	**SI**	**5**