Department of Master of Computer Applications

Faculty Publications

2022-2023

S.no	Publications	Academic Year (2023-2024)
1	International Journals – SCI	1
2	International Journals – SCOPUS	12
3	International Journals – Google Scholar	-
	Total	13

S.no	Publications	Academic Year (2023-2024)
1	Total Citations (all faculty) =	25

HOD/MCA

Department of Master of Computer Applications – Faculty Publications (2022–2023)

Staff-wise Consolidation

S.No	Faculty Name	SCI Publications	SCOPUS Publications	Total Publications	Total Citations
1	Mrs. V. Sujatha	–	2	2	2
2	Dr. P. Umaeshwari	–	–	–	–
3	Mrs. R. Anitha	1	2	3	8
4	Mrs. N. Juliet	–	2	2	4
5	Mr. R. Sankar	–	2	2	0
6	Mrs. K. Malathy	–	2	2	5
7	Mrs. R. Rajeshwari	–	2	2	6

Department of Master of Computer Applications

Faculty Publications

2022-2023

SCI Publications

S. No	Name of the Faculty	Title of the Paper	Journal Name	Indexed Details	Citations
1	Mrs. R.Anitha	Blockchain-based Light-weight Authentication Approach for a Multiple Wireless Sensor Network	IETE Journal of Research Volume 70, 2024 - Issue 2 - Computers and Computing Pages 1480-1494 published on 19-12-2022, https://doi.org/10.1080/03772063.2022.2154710	SCI	**6**

SCOPUS Publications

1	Mrs. V.Sujatha	Machine Learning based Landslide Detection System	Computing Methodologies and Communication (ICCMC) published on 04-04-2023, **DOI:** 10.1109/ICCMC56507.2023.10084226	**SCOPUS INDEXED**	**2**
2	Mrs. V.Sujatha	Digital Signature and private key cryptography mechanisms for enhancing node Authentication in WSN	Artificial Intelligence and Smart Energy (ICAIS) published on 27-03-2023, **DOI:** 10.1109/ICAIS56108.2023.10073784	**SCOPUS INDEXED**	

3	Mrs.N.Juliet	IoT- Enabled Cyber Physical Systems detection approaches and distribution of cyber attacks	Neuro Quantology | Volume 20 | Issue 9 | Page 4139-4145 | published on September 2022, DOI: 10.14704/nq.2022.20.9.NQ44474	**SCOPUS INDEXED**	**1**
4	Mrs. N.Juliet	An Improved Network Segmentation Performance in Lesion Segmentation based on Mask R-CNN	Electronics, Communication and Aerospace Technology, published on 16-01-2023. **DOI:** 10.1109/ ICECA55336.2022.10009339	**SCOPUS INDEXED**	**3**
5	Mrs. R.Anitha	A Secured Framework Model to Design Electronic Voting System using BlockChain Methodology	Computer Science, Engineering and Applications, published on 07-11-2022, **DOI:** 10.1109/ ICCSEA54677.2022.9936073	**SCOPUS INDEXED**	
6	Mrs. R.Anitha	Energy Conservation for Environment Monitoring System in an IoT based WSN	Smart Technologies, Communication and Robotics, published on 13-01-2023, **DOI:**10.1109/ STCR55312.2022.10009100	**SCOPUS INDEXED**	**2**
7	Mr.R.Sankar	Virtual Storage Failure Prediction model using supervised machine learning	Neuro Quantology | Volume 20 | Issue 9 | Page 4146-4154 published on September 2022, DOI: 10.14704/nq.2022.20.9.NQ44475	**SCOPUS INDEXED**	

8	Mr. R.Sankar	Maximum Energy Productivity for Concurrent Wireless Data and Power Shifting-Enabled IoT Network with Energy Coordination	Artificial Intelligence and Knowledge Discovery in Concurrent Engineering, published on 03-04-2023. **DOI:** 10.1109/ ICECONF57129.2023.10084337	**SCOPUS INDEXED**	
9	Mrs. K.Malathy	Medium Access Control Scheduling Policy Performance Evaluation in Wireless Networks	Artificial Intelligence and Knowledge Discovery in Concurrent Engineering, published on 03-04-2023 **DOI:** 10.1109/ICECONF57129.2023.10 083659	**SCOPUS INDEXED**	
10	Mrs. K.Malathy	An intelligent IoT Enabled Traffic queue handling System Using Machine Learning Algorithm	Innovative Computing, Intelligent Communication and Smart Electrical Systems, published on 14-10-2022, **DOI:** 10.1109/ ICSES55317. 2022.9914294	**SCOPUS INDEXED**	**5**
11	Mrs.R.Rajeshwari	A Novel Approach to Identify the Anomaly Detection in Electricity usage based on Machine Learning Algorithms and Big Data	Smart Electronics and Communication, published on 2022-10-20, **DOI:** 10.1109/ icosec54921.2022.9952098	**SCOPUS INDEXED**	**2**
12	Mrs.R.Rajeshwari	Patient health monitoring system using smart IoT devices for medical emergency services	Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES) published on 2022-07-15, **DOI:** 10.1109/ icses55317.2022.9914385	**SCOPUS INDEXED**	**4**

S.A. ENGINEERING COLLEGE

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

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