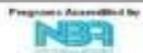




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DEPARTMENT OF COMPUTER ENGINEERING AND TECHNOLOGY

List of Journal Publications

S.No	Name of the Authors	Name	DoI	Type of Publication (Journal/Conference/Book Chapter)	Author(s) Position(s) of CBIT faculty	Q1/Q2/Q3/Q4	Scopus Indexed (Yes / No)	WoS Indexed (Yes / No)	AY
1.	Agrawal, K., Reddy, P.V.G.D.P., Chittineni, S.	A Lightweight Edge Layer Group Key Agreement Protocol For IoT Using Elliptic Curve Cryptography And Shamir's Secret Sharing	10.26782/jmcm s.2025.11.00007	Article	1	Q4	Yes	No	2025
2.	Agrawal, K., Reddy, P.P., Chittineni, S.	A Lightweight Security Framework for Edge Layer IoT Networks using Neural Cryptography and Virtualization	10.33166/AETi C.2025.05.004	Article	1	Q3	Yes	No	2025
3.	Narayanan, S., Archana, K.S., Rajesh, A. Srinivasan, V., Sheela, S.N.	Chaotic-Lattice Feistel Cipher (CLFC): A Post-Quantum Secure and Lightweight Cryptographic Framework for Resource-Constrained IoT Edge Devices	10.33166/AETi C.2025.05.006	Article	1	Q3	Yes	No	2025

4.	Singamaneni, K.K., Yadav, K., Aledaily, A.N., Dhiman, G., Kaur, A.	Decoding the future: exploring and comparing ABE standards for cloud, IoT, blockchain security applications	10.1007/s11042-024-19431-1	Article	1,2	Q1	Yes	No	2025
5.	Gupta, S., Chithaluru, P., Stephan, T., Nafisa, S., Kumar, S.	SPBCI: a robust framework for secure healthcare data management in blockchain-based IoT systems	10.1007/s11042-024-20267-y	Article	1	Q1	Yes	No	2025
6.	Reddyboina, A., Kumar, M., Ramalingam, S., Gudeme, J.R.	Deep networks based energy aware smart coordinated system for house management	10.1007/s41870-025-02634-6	Article	4	Q2	yes	No	2025
7.	Patel, M., Patel, S.B., Swain, D., Mallagundla, R.	Enhancing Accuracy in Hourly Passenger Flow Forecasting for Urban Transit Using TBATS Boosting	10.3390/modelling6020032	Article	4	Q1	Yes	Yes	2025
8.	Srilakshmi CH, Sridevi Gudepub, Krishnaveni Mummidic, Sekhar CH, Vamsinath J, Arasavalli Nagamalli, Kumar, Mirtipati Satish	A convolutional neural network with average pooling for chickpea disease detection and classification	10.14419/pr4acd16	Article	1	-	Yes	No	2025
9.	Mamatha, G., Nayak, J.S.	A Novel Design and Implementation of Fertilizer Recommendation System Based on Hybrid Machine Learning Models	10.14445/23488379/IJEEE-V11I11P141	Article	1	Q4	Yes	No	2024
10.	Singamaneni, K.K., Muhammad, G.	A novel integrated quantum-resistant cryptography for secure scientific data exchange in ad hoc networks	10.1016/j.adhoc.2024.103607	Article	1	Q1	Yes	Yes	2024

11.	Singamaneni, K.K., Muhammad, G., Ali, Z.	A Novel Multi-Qubit Quantum Key Distribution Ciphertext-Policy Attribute-Based Encryption Model to Improve Cloud Security for Consumers	10.1109/TCE.2 023.3331306	Article	1	Q1	Yes	Yes	2024
12.	Singamaneni, K.K., Muhammad, G., Ali, Z.	A Novel Quantum Hash- Based Attribute-Based Encryption Approach for Secure Data Integrity and Access Control in Mobile Edge Computing-Enabled Customer Behavior Analysis	10.1109/ACCE SS.2024.33736 48	Article	1	Q1	Yes	Yes	2024
13.	Kalidindi, A., Koti, B.R., Srilakshmi, C.H., ... Kandi, A.R., Makutam, G.S.S.	Advanced Machine Learning Techniques for Enhancing Network Intrusion Detection and Classification Using DarkNet CIC2020	10.3991/ijoe.v2 0i15.50873	Article	3	Q2	Yes	Yes	2024
14.	Vijayan, H., M, S., K, S.	A-MKMC: An effective adaptive-based multilevel K-means clustering with optimal centroid selection using hybrid heuristic approach for handling the incomplete data	10.1016/j.datak. 2023.102243	Article	2	Q2	Yes	No	2024
15.	Singamaneni, K.K., Budati, A.K., Bikku, T.	An Efficient Q-KPABE Framework to Enhance Cloud-Based IoT Security and Privacy	10.1007/s11277 -024-10908-8	Article	1	Q2	Yes	Yes	2024
16.	Narsimhulu, P., Chithaluru, P., Al-Turjman, F. Stephan, T., Kumar, M.	An intelligent FL-based vehicle route optimization protocol for green and sustainable IoT connected IoV	10.1016/j.iot.20 24.101240	Article	1	Q1	Yes	Yes	2024

17.	Damineni, D.H., Srilakshmi, C.H., Sравanathi, J., Mirtipati, S.K., Yavanamandha, P.	An Opening-Snap Heart Sound-Aware DGMC- L1,2-Based Multi-Heart Disease Prediction Using ECG and PCG	10.3991/ijoe.v2 0i14.51371	Article	2	Q2	Yes	No	2024
18.	Nukala Sujata Gupta, Saroja Kumar Rout, Shekharesh Barik, Ruth Ramya Kalangi, B Swapna	Enhancing Heart Disease Prediction Accuracy Through Hybrid Machine Learning Methods	10.4108/eetiot.5 367	Article	1	Q3	No	No	2024
19.	Singamaneni, K.K., Mahesh, T.R., Vinoth, K.V., Balajee, J., Mohan, E.	Unleashing the Power of a Novel Lightweight Lattice- based CP-ABE for Robust IoT Data Transmission	10.32908/ahsw .v59.11431	Article	1	Q3	Yes	Yes	2024
20.	Vijayan, H., M, S., K, S.	A-MKMC: An effective adaptive-based multilevel K-means clustering with optimal centroid selection using hybrid heuristic approach for handling the incomplete data	10.1016/j.datak. 2023.102243	Article	2	Q2	Yes	Yes	2023