RAMCO INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
CONFERENCE PUBLICATION
ACADEMIC YEAR: 2024-2025

1. **S. Manjula**, K.Valarmathi and **M. S. Sudha**, "Cryptography and Adversarial Analysis for Cloud Data Security," 5th International Conference on Innovative Trends in Information Technology (ICITIIT), Kottayam, India, pp. 1-6, July 2024. doi: 10.1109/ICITIIT61487.2024.10580025. **(Scopus)**

2. S.Sarumathi and **K. Vijayalakshmi**, "A Comprehensive Analysis of optimization of task scheduling algorithms for IOT applications in a Combined Environment of Cloud, Fog and Edge," Third International Conference on Smart Technologies and Systems for Next Generation Computing (ICSTSN), Villupuram, India, pp. 1-6, September 2024. doi: 10.1109/ICSTSN61422.2024.10670804. **(Scopus)**

3. G. C, N. Kalaiarasi, Y. R, P. Brinda, **Jeyakarthika. K** and S. T. Gopukumar, "Chaotic Particle Swarm Optimization Empowered Deep Convolutional Neural Network for Prostate Cancer Diagnosis," Second International Conference on Advances in Information Technology (ICAIT), Chikkamagaluru, Karnataka, India, pp. 1-6, October 2024. doi: 10.1109/ICAIT61638.2024.10690623. **(Scopus)**

4. **C. A. Yogaraja**, C. Priyanka, P. SP, J. J. Babu, S. Rajagopal and S. Poorani, "Enhancing Insect Image Recognition with Sand Cat Swarm Optimization with Deep Feature Extraction," Second International Conference on Advances in Information Technology (ICAIT), Chikkamagaluru, Karnataka, India, pp. 1-6, October 2024. doi: 10.1109/ICAIT61638.2024.10690642. **(Scopus)**

5. Karunakaran, S. and Sivaraman, R. and Maharajothi, M. and J, Deepika and **K, Vignesh Saravanan** and N, Jayanthi, "Enhanced Seagull Optimization Algorithm Based Route Selection in IoT Assisted Wireless Sensor Networks," Second International Conference on Advances in Information Technology (ICAIT), Chikkamagaluru, Karnataka, India, pp. 1-6, October 2024. doi: 10.1109/ICAIT61638.2024.10690745. **(Scopus)**

6. **Poornima, I Gethzi Ahila** and Abdul Habib Sheikh, Abdul Wasim and Thota, Aruna and Devi, G. and Pandey, Neha and Roy, Sudipta, "Automated Mitotic Nuclei Classification Using Fruitfly Optimization Algorithm with Machine Learning on Breast Cancer Diagnosis," Second International Conference on

Advances in Information Technology (ICAIT), Chikkamagaluru, Karnataka, India, pp. 1-6, October 2024. doi: 10.1109/ICAIT61638.2024.10690651. **(Scopus)**

7. Jamalpur, Bhavana and **G, Sakthi Priya** and Venkat, S. and R, Aarthi and Kavitha, S. and Babu, G. Charles, "Optimizing Food Image Classification Using Black Widow Algorithm and Deep Learning Techniques," Second International Conference on Advances in Information Technology (ICAIT), Chikkamagaluru, Karnataka, India, pp. 1-6, October 2024. doi: 10.1109/ICAIT61638.2024.10690324. **(Scopus)**

8. Shanthi, R. and D, Balasubramaniam and **Venkatesh, R**. and Sankari, C. and Manimaran, V. and Basha, Shaik Hedayath, "Enhancing Remote Sensing Image Classification Using Arithmetic Optimization Algorithm with Deep Learning Approach," Second International Conference on Advances in Information Technology (ICAIT), Chikkamagaluru, Karnataka, India, pp. 1-6, October 2024. doi: 10.1109/ICAIT61638.2024.10690775. **(Scopus)**

9. N, Maheswaran and S, Bose and **T, Shruthi** and G, Logeswari and T, Anitha and D, Prabhu, "Transformative Storage Framework for 6G Smart City Deployments," Third International Conference on Electrical, Electronics, Information and Communication Technologies (ICEEICT), Tiruchirappalli, India, pp. 1-6, October 2024. doi: 10.1109/ICEEICT61591.2024.10718383. **(Scopus)**

10. **Sakthi Priya G; Vignesh Saravanan K**; Hemalatha B; Karthika R; Kavya Srinidhi B, "Customer Segmentation using Clustering Techniques: Data-Driven Approach to Enhance Marketing Strategy," International Conference on Sustainable Communication Networks and Application (ICSCNA), Theni, India, pp. 1127-1134, February 2025. doi: 10.1109/ICSCNA63714.2024.10864053. **(Scopus)**

11. **P. Rajarajeswari**, R. Madhubala and V. Gomathi, "Attention Contours: A Comparative Study on 2D and Virtual Reality Attention Profile Assessment Tests," 5th International Conference on Data Intelligence and Cognitive Informatics (ICDICI), Tirunelveli, India, January 2025, pp. 1195-1202, doi: 10.1109/ICDICI62993.2024.10810849. **(Scopus)**

12. **K.Priya**, S. K. James, A. A. Babu, S. A, S.Sharanyaa and S. Prasad, "Artificial Intelligence and Machine Learning: Revolutionizing Data-Driven Decisions," 5th IEEE Global Conference for Advancement in Technology (GCAT), Bangalore, India, 2024, pp. 1-6, doi: 10.1109/GCAT62922.2024.10924120.

13. **M. Swarna Sudha, S. Manjula**, I. Bharathi, V. Krishnasamy and **K. Vijayalakshmi**, "DeepFakeGuard: Safeguarding Digital Platforms Against Fake Profiles Using AI," 4th International Conference on Sentiment Analysis and Deep Learning (ICSADL)*,* Bhimdatta, Nepal, 2025, pp. 1293-1299, doi: 10.1109/ICSADL65848.2025.10933074.

14. **S. Vijaya Amala Devi, K. Vijayalakshmi**, R. S. Krishnan, J. R. F. Raj, R. Umesh and N. Soundiraraj, "Hybrid Deep Learning Methods for Enhancing Parkinson's Disease Early Detection," 4th International Conference on Sentiment Analysis and Deep Learning (ICSADL)*,* Bhimdatta, Nepal, 2025, pp. 1462-1469, doi: 10.1109/ICSADL65848.2025.10933259.