B.E. CSE (Cyber Security)

- J. Jayachitra, H. Arshad and R. Muthukumaran, "Cloud Storage and Secure File Sharing Using Blockchain with Xchacha20 and Shake Cryptography," 2024 IEEE 16th International Conference on Computational Intelligence and Communication Networks (CICN), Indore, India, 2024, pp. 578-583, doi: 10.1109/CICN63059.2024.10847520.
- 2. Hemalatha, A., and J. Jayachitra. "Utilization of Smart Contracts and Searchable Encryption in Blockchain based for Data Query." In 2024 10th International Conference on Advanced Computing and Communication Systems (ICACCS), vol. 1, pp. 2063-2068. IEEE, 2024.
- Jayachitra, J., K. Suganya Devi, S. V. Manisekaran, and Satish Kumar Satti. "Terahertz video-based hidden object detection using YOLOv5m and mutation-enabled salp swarm algorithm for enhanced accuracy and faster recognition." *The Journal of Supercomputing* 80, no. 6 (2024): 8357-8382.
- 4. Jayachitra, J., M. Arunkumar, S. Shahul Hameed, and S. Pradeesh. "Automated Hybrid Emergency Medical Services." In *2023 Third International Conference on Artificial Intelligence and Smart Energy (ICAIS)*, pp. 797-801. IEEE, 2023.
- 5. Jayachitra, J., and N. Umarkathaf. "Blood cancer identification using hybrid ensemble deep learning technique." In *2023 Second International Conference on Electronics and Renewable Systems (ICEARS)*, pp. 1194-1198. IEEE, 2023.
- Jayachitra, J., S. Muthulakshmy, M. Arun Kumar, and K. Elavarasi. "Design and Implementation of Smart Glove for Visually Impaired People." In 2023 5th International Conference on Smart Systems and Inventive Technology (ICSSIT), pp. 1719-1722. IEEE, 2023.
- 7. Shivani, N., and Jayan Jayachitra. "An EEG-based Brain-Computer Interface for Stress Analysis." In 2023 Second International Conference on Electronics and Renewable Systems (ICEARS), pp. 355-360. IEEE, 2023.
- 8. Jayachitra, J., Suganya Devi K, S. V. Manisekaran, and Satish Kumar Satti. "An optimal deep learning model for recognition of hidden hazardous weapons in terahertz and millimeter wave images." *Earth Science Informatics* 16, no. 3 (2023): 2709-2726.
- 9. Gayathiri, A., J. Jayachitra, and S. Matilda. "Certificate validation using blockchain." In 2020 7th International Conference on Smart Structures and Systems (ICSSS), pp. 1-4. IEEE, 2020.
- Jayachithra, J., M. Madhu, and K. Elavarsi. "WIPE2CLEAN—A Virtualized Restroom Cleaning System." In 2020 International Conference on Smart Electronics and Communication (ICOSEC), pp. 407-410. IEEE, 2020.
- 11. Jayachitra, J., M. Madhu, and SD Shaik Mohammed Faruk. "AGRI SUCCOR: mobile application for agriculture." In 2019 International Conference on Communication and Electronics Systems (ICCES), pp. 921-924. IEEE, 2019.
- 12. Soundarya, P., M. Nivetha Kumari, and J. Jayachitra. "A Smart Security for ChildSafety." *Asian Journal of Applied Sciences and Technology* 2, no. 2 (2018): 107-113.
- 13. Suganthi, M. V., M. K. Elavarasi, and M. J. Jayachitra. "Tele-health monitoring system in a rural community through primary health center using Internet of medical things." *Int. J. Pure Appl. Math* 119, no. 14 (2018): 695-703.
- 14. Elavarasi, M. K., M. V. Suganthi, and M. J. Jayachitra. "Developing smart toilets using iot." *International Journal of Pure and Applied Mathematics* 119, no. 14 (2018): 611-8.

- 15. Jayachitra, J., K. Suganya Devi, M. P. Vaiyshnavi, and P. Srinivasan. "GBU based face recognition techniques: A review." In 2017 4th International Conference on Advanced Computing and Communication Systems (ICACCS), pp. 1-4. IEEE, 2017.
- 16. Kalpana, M., and J. Jayachitra. "Intelligent bin management system for smart city using mobile application." *Asian Journal of Applied Science and Technology (AJAST)* 1, no. 5 (2017): 172-175.
- 17. Moses, T. Jeba, K. Elavarasi, and J. Jayachitra. "Privacy preserving mining of association rulesin horizontally distributed databases." *International Journal of Management, IT and Engineering* 4, no. 9 (2014): 209-222.