Publications : 2020-2021

Publication by Faculty

- **Abin Oommen Philip** published a paper entitled "Secure Incident & Evidence Management Framework (SIEMF) for the Internet of Vehicles using Deep Learning and Blockchain" in Open computer Science Journal, Special Issue On Machine Learning Approaches For Convergence Of IoT And Blockchain, Nov 2020 (Scopus Indexed).
- **Sajith P. J.** presented and published a paper entitled "Optimized Intrusion Detection System Using Computational Intelligent Algorithm" in Advances in Electronics, Communication, and Computing – Select Proceedings of ETAEERE 2020/Springer, January 2021.
- **Sreeja M U** published a paper titled "An aggregated deep convolutional recurrent model for event-based surveillance video summarisation: a supervised approach" in IET Computer Vision (SCI), Volume15, Issue4, June 2021
- **Sreeja M U** published an article titled "A unified model for egocentric video summarization: an instance-based approach" in the Computers and Electrical Engineering (Elsevier), Volume 92, June 2021.
- **Sreeja M U** published a paper titled "Enhanced Block-Based Feature Agglomeration Clustering for Video Summarization." In the Wiley Machine Learning Algorithms and Applications (Aug 2021): Chapter 7, 117-140.

Publication by Student

- **Abhima Prasad** (M. Tech, 2018 batch), **Dr. N. Vishwanath, Dr.Sreela Sreedhar, Saira Varghese** published a paper entitled "Encryption and Watermarking of Remote Sensing Images for Crop Insurance" in the International Research Journal of Engineering and Technology (IRJET), July 2020.
- **Sruthi Suresh** (M. Tech, 2018 batch), **Dr. N. Vishwanath, Dr.Sreela Sreedhar, Saira Varghese** published a paper entitled "An Improved Reversible Data Hiding in Encrypted JPEG Bitstreams" in the International Research Journal of Engineering and Technology (IRJET), July 2020.
- **Abhay P A, Jishnu N V, Meenakshi KT, Yaswanth P S** (B. Tech, 2016-'20 batch), **Abin Oommen Philip** presented a paper entitled "Auto Block IOT: A Forensics Framework for Connected Vehicles" in the International Conference on Innovative Technology for Sustainable Development 2021 (ICITSD 2021), January 2021 (IOP), VIT, Chennai, and published the same in 'The open access Journal of Physics: Conference Series', 012002, Volume 1911, June 2021.