

Albertian Institute of Science & Technology, Kalamassery

Research Publications – Computer Science & Engineering

Author	Title	Journal	Year	Category
Amritha Soloman	AGRISEN Precise irrigation System and Smart health monitoring system	International Journal on Emerging Research Areas	2024	International
Amritha Soloman	PARK-EZE: An IoT based Smart Parking System using DLSTM Prediction	International Journal on Emerging Research Areas	2024	International
Ashwathy Anda Chacko	Intrusion detection using Machine Learning Techniques-An exhaustive review,	https://doi.org/10.1109/ICACCS57279.2023.10112831	2023	International
Chinnu Edwin A	Detec19: A Promising Approach for Automated Diagnosis of Covid 19 Using CT Scan Images	National Conference on Innovations in Computer Science (NCICST'23)	2023	National
Chinnu Edwin A	Controlling a Mini Game using a Brain-Computer Interface	International Journal on Emerging Research Areas(IJERA) ISSN:2230-9993	2024	International
Chinnu Edwin A	Smart Wheelchair	Second National Conference on Emerging Technologies in Smart Systems , (NCETSS '24)	2024	National
Divya Mohan	An Efficient Deep Learning System for Improved Trust in Medical Imaging through forgery Detection and Localization	International Journal of Engineering Research & Technology (IJERT)	2023	International
Divya Mohan	Improved Real time Signboard Detection and Translation Using FRCNN	International Journal of Computing, Communications and Networking (IJCCN)	2021	International
Divya Mohan	Lane Detection and Lane Departure Warning System	International Journal of Advances in Computer Science and Technology (IJACST)	2021	International
Divya Mohan	Enhancing Resolution: Harnessing Generative Adversarial Networks for Domain-Specific Super- Resolution	6 th International Conference on Computational Intelligence, Cyber-Security, Computational Models(ICC 3)	2023	International
Divya Mohan	An Efficient Deep Learning System For Improved Trust in Medical Imaging through Forgery Detection and Localization	International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181 Published by, www.ijert.org ICCIDT - 2023 Conference Proceedings	2023	International
Dr. Jeswin Roy	RISA: Robot Intelligent Sensing Arm	Third International Conference on Networking, Communication and Computing Technology (NCCT)	2024	International

Dr. Jeswin Roy	Enhancing Resolution: Harnessing Generative Adversarial Networks for Domain-Specific Super-Resolution	6 th International Conference on Computational Intelligence, Cyber-Security, Computational Models(ICC 3)	2023	International
Dr. Jeswin Roy	Novel Peer 2 Peer File Storage System	Second International Conference on Advances in Electrical Measurements and Instrumentation (AEMI) 2023.	2023	International
Dr. Suja C Nair	IoT Based Smart Candidate Assessment System During Interviews	International Journal of Engineering Research & Technology (IJERT)	2023	International
Dr. Vinodh P. Vijayan	A Combinatorial Optimized Knapsack Linear Space for Information Retrieval	SCI	2021	International
Dr. Vinodh P. Vijayan	Energy Efficient Sustainable City Monitoring Using IOT Enabled wireless Sensor Networks and Data Analytics	SCI	2021	International
Dr. Vinodh P. Vijayan	IOT Based Smart Aquaponics System With Fuzzy Based Decision Making System and Machine Learning Based Prediction	International Journal of Advances in Computer Science and Technology	2020	International
Dr.Jeswin Roy Dcouth	Computer-Assisted Training System For Yoga And Pilates Using Computer Vision Methods	Scopus	2022	International
Dr.Jeswin Roy Dcouth	Virtual Academic Management System using Django and Flutter	International Journal of Advanced Trends in Computer Science and Engineering (IJATCSE)	2021	International
Dr.Jeswin Roy Dcouth	A Secure Message Passing Method using Multi-Layer Adaptive Video Steganography	Scopus	2019	International
Dr.Jeswin Roy Dcouth	An Adaptive Secret QR Code Message Passing Method Using Video Steganography	Scopus	2019	International
Dr.Suja C Nair	Mining frequent patterns with generalized linear model for traffic density analysis	Springer Nature-SCI	2022	International
Gayathry V	Smart Reception: Efficient Public Safety System for Face Mask Detection and Temperature Monitoring	National Conference on Innovations in Computer Science (NCICST'23)	2023	National
Lima Sebastian	Rayquaza Centralized Billing Application	International Journal of Advanced Trends in Computer Science and Engineering (IJATCSE)	2021	International
Lizbeth Roshin	IoT Enabled Health Assistant Device(HAD): Personalized Healthcare and Wellness Solution	National Conference on Innovations in Computer Science (NCICST'23)	2023	National

Neethu Krishna	MultiDiseaseNet: A Machine Learning Framework for Multiple Disease Prediction	National Conference on Innovations in Computer Science (NCICST'23)	2023	National
Nisy John Panicker	PlateGuard: Ensuring Security with YOLOv5 ANPR	International Journal on Emerging Research Areas	2024	International
Renjini H	Smart Electronic Bin using IOT	International Journal of Advanced Trends in Computer Science and Engineering (IJATCSE)	2021	International
Renjini H	Einblick- A Sentimental Analysis And Opinion Mining System For Mobile Networks	International Journal of Advanced Trends in Computer Science and Engineering (IJATCSE)	2021	International
Saranya Shaji	Student Attendance system with drowsiness detection using smart camera	International Journal of Engineering Research & Technology (IJERT)	2023	International
Sebin Jose	A Novel Model to overcome drawbacks of present cloud storage models using AES 256 CBC Encryption	International Journal of Computer Applications	2021	International
Sebin Jose	Social Distance Monitoring Using Drone	International Journal of Advanced Trends in Computer Science and Engineering (IJATCSE)	2021	International
Seethu George	Malicious Code Invariance Based On Deep Learning	International Journal of Information Technology Infrastructure (IJITI)	2021	International
Seethu George	Home Security	International Journal of Advanced Trends in Computer Science and Engineering (IJATCSE)	2021	International
Sinijoy P J	Medical Chatbot (Medibot)	International Journal of Advanced Trends in Computer Science and Engineering (IJATCSE)	2021	International
Sweety Joy C	Advancements And Challenges Of Artificial Intelligence In Education:A Comprehensive Review	International Journal of Creative Research Thoughts(IJCRT) ISSN:2320-2882	2023	International
Thasneem M H	Epilepsy Detection Using Machine Learning Techniques	International conference on advances in emerging computing technologies	2023	International
Treesa Joseph	False Intel Detection in Crowd Source Knowledge Base	International Journal of Advanced Trends in Computer Science and Engineering (IJATCSE)	2021	International
Treesa Joseph	Fake News Detection System Using machine Learning	International Journal of Advanced Trends in Computer Science and Engineering (IJATCSE)	2021	International