FACULTY PUBLICATIONS/PATENTS/BOOK/BOOK CHAPTERS

SL.NO	NAME OF FACULTY	NATURE OF JOURNAL	NAME OF PUBLICATIONS	Month & yEAR
1	Jinu P Sainudeen	Journal	A Review on Application of Machine Learning and Deep Learning for Intrusion Detection	May, 2022
2	Ms.Simy Mary Kurian	Conference	A Review on Intelligent Techniques in Vehicular Ad-Hoc Networks	2022
3	Dr.Sahaya Kingsly	Journal	A Review on prediction of cardivascular disease on machine learning techniques	2022
4	Syamamol T	Journal	Accident Avoidance and Vehicle Detection in Hairpin Curves using Machine Learning	May, 2022
5	Ms.Simy Mary Kurian	Conference	An improved deep neural learning classifier for brain tumor detection	2022
6	Dr.Sahaya Kingsly	Journal SCI	Analysis of intrusion detection in cyber attacks using DEEP learning neural networks	July 2021
7	Dr.Sahaya Kingsly	Journal	Analysis on Methods for Detecting Brain Tumor from MRI images	August2022
8	Tinu Thomas	Journal	Automated Bus Management System and Location Tracing using GPS And Python	June, 2022
9	Chris Chettissery	Journal	Automated Coffee Plantation Monitoring and Disease Recovery using IoT and Machine Learning	May, 2022
10	Neema George	Journal	Automated Stress Detection Using Machine Learning	May, 2022
11	Dr. L C Manikandan	Journal	Blockchain based Pharmaceutical Supply Chain Management System	May, 2022
12	Dr.Vinodh P Vijayan	Journal SCI	Brain Tumour Detection by Gamma DeNoised Wavelet Segmented Entropy Classifier	21 July 2021
13	Ms.Simy Mary Kurian	Journal SCI	Brain Tumour Detection by Gamma DeNoised Wavelet Segmented Entropy Classifier	21 July 2021
14	Ms.Syamamol T	Conference	Cognitive approach to Deep Neural Cryptosystem in Various Applications	July, 2021

15	Dr.John Peter	Journal	Crime-Pose: Human Identification System using Posture based Gait Recognition Methods	June, 2022
16	Simy Mary Kurian	Journal	Diabetic Retinopathy Detection using Deep Learning	May, 2022
17	Vineetha V Nair	Journal	Driver Drowsiness and Movement Detection based Vehicle Safety System	May, 2022
18	Merlin Mary James	Journal	Early Warning System for Landslide Prediction and Mitigation	May, 2022
19	Sruthy Emmanuel	Journal	Electricity Theft Detection using Machine Learning	May, 2022
20	Divya S B	Journal	Enhanced Data Security in Cloud-based E-Health Care System	May, 2022
21	Dr.Vinodh P Vijayan	IEEE Explore	Implementation of Super Resolution in Images Based on Generative Adversarial Network	April 2022
22	Sneha Mathew	Journal	Iot-based Smart Meter for Real-Time Electricity Load Analysis and Automation	May, 2022
23	Dr.Vinodh P Vijayan	IEEE Explore	lassification of Motor Unit Action Potential Using Transfer Learning for the Diagnosis of Neuromuscular Diseases	2022
24	Divya S B	Journal	Online Plagiarism Detection and Result Evaluation using Data Mining and NLP	May, 2022
25	Dr.Vinodh P Vijayan	IEEE Explore	Optimal Fusion Technique for Multi-Scale Remote Sensing Images Based on DWT and CNN	1 January 2022
26	Roja Thomas	Journal	Predicting of Heart Disease using Machine Learning	June, 2022
27	Nimmymol Manuel	Journal	Probablity Prediction for Road Accidents & Traffic Congestion using Support Vector Machine	May, 2022
28	Ms.Simy Mary Kurian	Conference	Savitzky–Golay Pre-processed Kulczynski Similarity Feature Extractive Convolutional Deep	2022
29	Jayakrishnan B	Journal	Shopping based on Product Review Analysis and	May, 2022

SL.NO	NAME OF FACULTY		TITLE OF PUBLICATION		MONTH &YEAR OF PUBLISHED
			Virtual Try-on using Machine Learning		
30	Tinu Thomas	Journal	Snapwork using Java and Python		June, 2022
31	Neena Joseph	Journal	Spredictor: A Stock Analysis based on Sentiment, News and Historical Data		May, 2022
32	Dr.Vinodh P Vijayan	Conference (IEEE Xplore)	Survival study on resource utilization and task scheduling in cloud		1 August 2021
33	Ms.Neema George	IEEE Xplorer	Survival study on resource utilization and task scheduling in cloud		2021
34	Vishnu S Shekar	Journal	VAPP: Student Facial Emotion Recognition in Virtual Learning Platform		May, 2022
35	Dr.Ranju S Kartha	Scopus	Visual Secret Sharing Scheme using Dual Block scrambling and DWT based Encryption on JPEG Images		Jul-21

PATENTS

SL.NO	NAME OF FACULTY	TITLE OF PUBLICATION	APPLICATION NO	MONTH &YEAR OF PUBLISHED
1	Dr.C.Sahaya Kingsly	Maintenace of Data Integrity and Security in Cloud using IOT bases Audio watermarking approach	202241032409A	17/06/2022
2	Dr.K.John Peter	Maintenace of Data Integrity and Security in Cloud using IOT bases Audio watermarking approach	202241032409A	6/17/2022
3	Dr. Vinodh P Vijayan	Invention Patent : A VIRTUALIZATION SYSTEM FOR INTERNET OF THINGS (IOT) DEVICES AND THEIR CONNECTED STORAGE MEDIUM AND METHOD THEREOF	202141045802 A	22/10/2021