Department of Computer Science and Engineering

Journal Publications

S.No.	Name of the Authors	Title of the Paper Published	Name of the Journal	Volume Pages & Year
1.	Dr.P.Amudha, Dr.S.Sivakumari.	Smart Bandwidth Prediction, Power Management and Adaptive Network Coding for WSN	International Journal of Intelligent Engineering and Systems	Vol.16, No.3, 2023
2.	Dr.P.Amudha, Dr.S.Sivakumari	Comprehensive survey on video anomaly detection using deep learning techniques	International Journal of Computational Vision and Robotics	2023
3.	Dr.P. Amudha	Analysis of block chain based smart contract system to understand its performance in different applications	International Journal of Internet Technology and Secured Transactions	Pp, 177-195, Vol. 13, No. 2, March 2023.
4.	Dr.S.Sivakumari, Dr.P.Amudha Mrs.S.Shanmuga Priya,	Regression Classified Component Attention Oversampled Dissection of Existence of Diabetes Using Machine Learning	Oxidation Communications	pp. 124–138, vol. 46, No 1, 2023
5.	Dr.S.Sivakumari	Ensemble Feature Selection And Ensemble Deep Learning (Edl) Classifier for Parkinson's Disease	Journal of Theoretical and Applied Information Technology	pp. 1316- 3430 Vol.101.No.9 15th May 2023.
6.	Dr.P.Amudha, Dr.S.Sivakumari	A Survey on Parkinson's Disease Detection Using Deep Learning Technique	International Journal for Research in Applied Science & Engineering Technology	pp.1789 -1796, Vol.11, Issue V, May 2023
7.	Mrs.D.Rajeswari	Fabric Property and Defect Detection using Deep Learning Model	International Journal for Research in Applied Science &Engineering Technology	pp.405 -411, Vol.11, Issue V, May 2023
8.	Dr.K.Rajakumari	Smart Shoe for Visually Impaired	International Journal for Research in Applied Science &Engineering Technology	PP.1847-1856 Volume 11, Issue V, May 2023.
9.	Mrs.KThamaraiselvi	Two Way Sign Language for Deaf and Dumb using Deep Convolution Neural Network	International Journal for Research in Applied Science & Engineering Technology	PP.3830-3835, Vol.11, Issue IV, April 2023.
10.	Dr.R.Ahila	Androz Chatbot for Alzheimer's Patients	International Journal for Research in Applied Science & Engineering Technology	pp.3249-3256, Vol 11, Issue V. May 2023
11.	Mrs.S.Shanmuga priya	Alerting and Detection of Toxic Gases in Sewage using IOT	International Journal for Research in Applied Science & Engineering Technology	pp.1421-1426, Vol 11, Issue V, May 2023

12.	Mrs.C Janani	Advanced High Secured Smart ATM System	International Journal for Research in Applied Science & Engineering Technology	pp.1511-1515,Vol 11, Issue V, May 2023
13.	Dr.P.Amudha	Waste Management System using IoT	International Journal for Research in Applied Science & Engineering Technology	pp.1427-1430, Vol 11, Issue V, May 2023
14.	Mrs.K.Divya	Robotic Process Automation Bot to Compare and Analyze a Product from Different Ecommerce Websites	International Journal for Research in Applied Science & Engineering Technology	pp.3419-3422, Vol.11, Issue IV, April 2023
15.	Mrs.S.Shanmuga priya	AI Based Content Controlling System using Age Prediction Algorithm and Selenium Tool	International Journal for Research in Applied Science & Engineering Technology	pp.3983-3988, Vol 11, Issue IV, April 2023
16.	Mrs.P.Sindhuja	Advanced Critical Care Monitoring with Alert and Auto Intelligence System	International Journal for Research in Applied Science & Engineering Technology	pp.3938-3941, Vol 11, Issue IV, April 2023
17.	Dr.D.Nithya	Smart Medi Box – Patient Assisting Device	International Journal for Research in Applied Science & Engineering Technology	pp.3996-4001, Volume 11, Issue IV, April 2023.
18.	Ms.J.Kowsalya	Cyber Bullying Detection on Social Media Network	International Journal for Research in Applied Science & Engineering Technology	pp.4182-4188, Volume 11, Issue IV, April 2023.
19.	Dr.S.Sivakumari.	Implementation of Feature Selection and Ensemble Deep Learning Classifier For Parkinson's Disease	Oxidation Communications	pp. 701–713, vol. 45, No 4,2022
20.	Dr.P.Amudha, Dr.S.Sivakumari	Exploitation of Advanced Deep Learning Methods and Feature Modelling for Air Quality Prediction	Revued' Intelligence Artificial	pp. 959-967, Vol. 36, No.6, December 2022
21.	Dr.P.Amudha, Dr.S.Sivakumari	Comparative Analysis of Air Quality Prediction Using Artificial Intelligence	ECS Transactions	pp: 6059-6066, Vol 107, no. 1,2022
22.	Dr.P.Amudha, Dr.S.Sivakumari	Analysis of Algorithms to Control the Congestion by Improve Energy Efficiency in WSN	ECS Transactions	pp.5191 - 5198 Vol 107, no. 1, 2022
23.	Dr.S.Sivakumari	Optimization-Based Ensemble Feature Selection Algorithm and Deep Learning Classifier for Parkinson's Disease	Journal of Healthcare Engineering	Vol. 2022, Apr 2022
24.	Dr.S.Sivakumari	Parallelized BSE-QP-ICOA for ARH	Turkish Journal of Computer and	pp.5140-5146, Vol.12

			Mathematics Education	no.14, 2021
25.	Dr.S.Sivakumari	Improving the Performance of Layered Iterative minsumApproximation Message Passing Decoding Algorithm for 5G NR LDPC Codes	Journal of Physics: Conference Series	Vol.1917, Issue 1, June 2021
26.	Dr.P.Amudha, Dr.S.Sivakumari	Enriched Spatial-Temporal Sequence in Improved Sparse Auto Encoder with Deep Learning for Air Quality Prediction	Design Engineering	pp.11314-11326, Issue 7, 2021
27.	Dr.P.Amudha, Dr.S.Sivakumari	Congestion Handling in WSN using PRC-FBA Techniques	Design Engineering	pp. 11327-11342, Issue 7, 2021
28.	Dr.P.Amudha, Dr.S.Sivakumari	Automatic Detection of Anomalies in Video Surveillance using Artificial Intelligence	IOP Conference Series: Materials Science and Engineering	pp.1-8, Vol.1085, February 2021
29.	Dr.S.Sivakumari, Dr.P.Amudha	Assisting System for Paralyzed Patients Using Eye Gesture	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	pp. 655-670, Vol.7, Issue 2, March – April 2021
30.	Dr.P.Amudha, Dr.S.Sivakumari	Air Quality Forecasting System using Improved Sparse Auto Encoder with Deep Learning Approach	Journal of Huazhong University of Science and Technology	pp.1-14, Vol.50, Issue 4, , April 2021
31.	Dr.P.Amudha, Dr.S.Sivakumari	Energy-Aware Proficient Control Scheme for Congestion Control in WSN	Journal of Huazhong University of Science and Technology	pp.1-11, Vol. 50, Issue 4, April 2021
32.	Dr.S.Sivakumari	The upshot of Covid -19 on Sensex & sectoral indices in Indian Stock Market – A comparative analysis during pre-covid&covid period	Turkish Journal of Computer and Mathematics Education	pp.2081-2089, Vol.12, No.8, April 2021
33.	Dr.P.Amudha	Network Intrusion Detection Using Deep Learning	International Journal of Scientific Research in Science, Engineering and Technology	pp.469-472, Vol.8, Issue 3, May 2021
34.	Dr.S.Sivakumari	Sentimental analysis for Sensex stocks using VADER Algorithm-An approach for Investment recommendations in Indian Stock Market	Turkish online Journal of Qualitative Inquiry	pp.1700-1707, Vol.12, Issue 6 June 2021
35.	Dr.S.Sivakumari	Parkinson's Disease Classification Using Fuzzy-Based Optimization Approach and Deep	Turkish Online Journal of Qualitative Inquiry	pp.1402-1421 Vol.12, Issue 5, June2021

		Learning Classifier		
36.	Mrs.P.Sindhuja	Industrial Robotization Utilizing IOT	International Journal of Scientific Research in Science, Engineering and Technology	pp.51-57, Vol.8, Issue 3, May- June 2021
37.	Mrs.P.Sindhuja	Mobile Application Development for Indoor Navigation Using Slam and Augmented Reality	International Journal of Scientific Research in Science and Technology	pp.128-133, Vol.8,Issue 3, May- June 2021
38.	Mrs.V.Rasikha	Mishap Victim Detector	Dogo Rangsang Research Journal	Vol.11 Issue-05, No. 01 May2021
39.	Mrs.V.Rasikha	App For Monitoring Energy	Dogo Rangsang Research Journal	Vol.09, Issue-03, No. 4, June2021
40.	Mrs.S.Shanmuga priya	IOT based Toxic Gas Detector in Sewage	International Journal of Scientific Research in Science and Technology	pp. 646-653, vol. 7, Issue 3, June 2021
41.	Dr.S. Sivakumari	Alumni Social Networking Site	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	pp. 467-472, Vol.7, Issue 3, June2021
42.	Dr.R.Ahila	Wild Animal Detection System Using Deep Convolutional Neural Networks	International Journal of Scientific Research in Science and Technology	pp.989-996, Vol.8, Issue 3, June 2021
43.	Dr.R.Ahila	Consort Chat-Bot for Alzheimer Patients	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	pp.: 576-582, Vol. 7, Issue 3,June2021
44.	Dr.P.Amudha, Dr.S.Sivakumari	Kernel based Principal Component Analysis based Dimensionality Reduction and Fuzzy Convolution Long Short-term Memory based Convolutional Neural Network (FCLSTM-CNN) for Parkinson's Disease Classification	Journal of Advanced Research in Dynamical and Control Systems	pp. 269-283, Vol.12 ,no.07, July 2020
45.	Mrs.H.Summia Parveen	Vehicle accident and alert with datalog system	International Journal of Advance Research, Ideas and Innovations in Technology	pp 206-210, Vol. 6, Issue 4, July2020

46.	Mrs.V. Indra	A Low-Cost Framework for Landslide Detection and Alert System	International Journal of Advances in Engineering and Emerging Technology	pp 83-87, Vol. 11, no. 1, July 2020
47.	Dr.R.Ahila	Women Self Defence System with Location Tracking and SMS Alerting	International Journal of Advances in Engineering and Emerging Technology	pp 77-82, Vol. 11, no. 1, July 2020
48.	Dr.S.Sivakumari	BSE-QP-ICOA for Association Rule Hiding	International Journal of Applied Engineering Research	pp 425-430, Vol.15, No:4,2020
49.	Mrs.M.Aasha	Advanced drug detection using active smart shoe gait analysis system	International Journal of Scientific Development and Research	pp 450-453, Vol.5, Issue 7, July2020