DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

PUBLICATION DETAILS (2020-2021)

Sr. No.	Author Name	Topic Name	Name of Journal	Year of Publication	ISSN/ISBN	Indexing
1	Dr. Manish Mahajan	Empowering intrusion detection in iris recognition system: a review	Journal of Natural Remedies	2020	2320-3358	Scopus
2	Dr. Manish Mahajan	Minimizing energy consumption in cloud computing using modified best fit decreasing (mbfd) with genetic based minimization of virtual machine migration (vmm)	Journal of Natural Remedies	2020	2320-3358	Scopus
3	Ms. Amandeep Kaur	Efficient Iris Recognition System based on PCA and Optimized DNN Method	International Journal of Advanced Science and Technology	2020	2005-4238	Scopus
4	Dr. Shubhpreet Kaur	Extrapolation of Risk Factors Among Drug Abusers Using Data Mining Techniques	Journal of Natural Remedies	2020	2320-3358	Scopus
5	Dr. Yogesh Kumar	An efficient approach for handling NLP applications using Machine Learning and Deep Learning	Journal of Natural Remedies	2020	2320-3358	Scopus
6	Dr. Yogesh Kumar	AI-Based Learning Techniques for Sarcasm Detection of Social Media Tweets: State-of-the-Art Survey	Springer: SN Computer Science	2020	2661-8907	Springer
7	Dr. Yogesh Kumar	Artificial Intelligence-based Learning Techniques for Diabetes Prediction: Challenges and Systematic Review	Springer: SN Computer Science	2020	2661-8907	Springer
8	Dr. Vikas Gupta	Performance analysis of localization algorithm for different network parameters using particle swarm optimization in wireless sensor networks	Journal of Critical Review	2020	2394-5125	Scopus

9	Mr. Amandeep Ummat	Intrusion Detection in Cloud Computing Environment Using SNORT and IPTABLES	Journal of Natural Remedies	2020	2320-3358	Scopus
10	Ms. Geetanjali Babbar	Homography Based Trajectory Mining Techniques Using Clusters On Multivariate Time Series Dataset	Journal of Natural Remedies	2020	2320-3358	Scopus
11	Ms. Dapinder Kaur	A study of classification and feature extraction techniques for brain tumor detection	Springer: International Journal of Multimedia Information Retrieval	2020	2192-6611	Springer
12	Ms. Lakshita Sejwal	Comparative Study of Various AD-HOC Network Security Protocols	Journal of Critical Review	2020	2394-5125	Scopus
13	Ms. Maninder Kaur	Digital Image Watermarking Based on SVD and LSB Techniques	Journal of Critical Review	2020	2394-5125	Scopus
14	Ms. Anmol Kaur	Comprehensive Study of Consensus Methods for Blockchain	Journal of Critical Review	2020	2394-5125	Scopus
15	Ms. Manpreet Kaur	Analysis of performance of Pitch Estimation Techniques	Journal of Critical Review	2020	2394-5125	Scopus
16	Dr. Manish Kumar	The Comparative Analysis With Bert And Elmo Methods For Movie Reviews Prediction Using NLP	Journal of Critical Review	2020	2394-5125	Scopus
17	Dr. Manish Kumar	Preventive Measure For prepayment & non delivery fraud on online shopping pages published in the social media account	European Journal of Molecular Clinical Medicine	2020	2515-8260	Scopus
18	Ms. Rashmi	MANAGEMENT ZONE DELINEATION IN PRECISION AGRICULTURE USING MACHINE LEARNING ALGORITHMS	Journal of Natural Remedies	2020	2320-3358	Scopus

19	Mr. Gaurav Goel	A Global Study: Noval Corona Virus(Covid-19) and proposal Remedies	Journal of xidian University	2020	1001-2400	Scopus
20	Ms. Dapinder Kaur	Brain Tumor Detection Techniques Based on Machine Learning	Tathapi (UGC Care Journal)	2020	2320-0693	Scopus
21	Ms. Dapinder Kaur	Performance Probing of Different Plant Disease Detection System Based on Leaf Constraints	Tathapi (UGC Care Journal)	2020	2320-0693	Scopus
22	Ms. Dapinder Kaur	Scrutiny of Region Based Text Detection Systems	Tathapi (UGC Care Journal)	2020	2320-0693	Scopus
23	MS. Sukhdeep Kaur	Detection and Lung Cancer Classification Techniques for CT Scan Image Data	Tathapi (UGC Care Journal)	2020	2320-0693	Scopus
24	Ms. Malvika Kaushik	Why there are so many Programming Languages	International Journal of Research in Engineering, Science and Management	2020	2581-5792	UGC
25	Ms. Malvika Kaushik	Solutions to improve security against Black hole Attack in MANET	JOURNAL OF CRITICAL REVIEWS	2020	2394-5125	Scopus
26	Mr. Harjot Singh	Scrutiny of region based text detection systems	Tathapi UGC Care Journal	2020	2320-0693	Scopus
27	Dr. Vikas Gupta	PERFORMANCE ANALYSIS OF LOCALIZATION ALGORITHM FOR DIFFERENT NETWORK PARAMETERS USING PARTICLE SWARM PTIMIZATION IN WIRELESS SENSOR NETWORKS	JOURNAL OF CRITICAL REVIEWS	2020	2394-5125	Scopus
28	Ms. Monika Gosain	A Process Model For Software Architecture	Journal of Natural Remedies	2020	2320-3358	Scopus

29	Ms. Amandeep Kaur	Recognition of Iris Image Dataset With Recent Image Processing and Deep Learning Techniques	Tathapi UGC Care Journal	2020	2320-0693	Scopus
30	Ms. Lofty Sahi	A Systematic Approach for Day-Night Vision for Vehicle Detection system using Machine Learning	Tathapi UGC Care Journal	2020	2320-0693	Scopus
31	Mr. Harjot Singh	Scrutiny of region based text detection systems	Tathapi UGC Care Journal	2020	2320-0693	Scopus
32	Ms. Dapinder Kaur	Brain Tumor Detection Techniques Based on Machine Learning	Tathapi UGC Care Journal	2020	2320-0693	Scopus
33	Ms. Dapinder Kaur	Performance Probing of Different Plant Disease Detection System Based on Leaf Constraints	Tathapi UGC Care Journal	2020	2320-0693	Scopus
34	Dr. Neeraj Singla	Cloud Computing: Security Challenges and Issues	Journal of Natural Remedies	2020	2320-3358	Scopus
35	Mr. Gurbaj Singh	Machine Learning in Healthcare Using Artificial Intelligence And Results Approved by Comapanies: A Survey	Journal of Natural Remedies	2020	2320-3358	Scopus
36	Ms. Harmandeep Kaur	Estimation of Depth of Anesthesia: A Survey	Journal of Natural Remedies	2020	2320-3358	Scopus
37	Dr. Yogesh Kumar	Study of automatic text summarization approaches in different languages	Springer: Artificial Intelligence Review	2021	1573-7462	Springer
38	Dr. Sukhpreet Kaur	Multi-disease big data analysis using beetle swarm optimization and an adaptive neuro-fuzzy inference system	Springer: Neural Computing and Applications	2021	0941-0643	Springer
39	Dr. Yogesh Kumar	An Optimized Framework for Energy-Resource Allocation in A Cloud Environment based on the Whale Optimization	MDPI -Sensors	2021	1424-8220	MDPI

40	Dr. Yogesh Kumar	A Consolidated Decision Tree-Based Intrusion Detection System for Binary and Multiclass Imbalanced Datasets	MDPI - Mathematics	2021	2227-7390	MDPI
41	Dr. Sukhpreet Kaur	An Optimized Multiple Malicious Node Detection method for detection of security attacks in VANETs	An Optimized Multiple Malicious Node Detection method for security attacks in VANETs	2021	978-1-6654-5866-5	IEEE
42	Dr. Sukhpreet Kaur	Performance Analysis of DCF Compensation Techniques	Performance Analysis of DCF Compensation Techniques	2021	978-1-6654-5866-5	IEEE
43	Ms. Rubal Jeet	Study on design and viability for enhancement of smart cities Urban Rain Flood Ecosphere	Study on design and viability for enhancement of smart cities Urban Rain Flood Ecosphere	2021	978-1-6654-5866-5	IEEE
44	Ms. Parneet Kaur	Convolutional Neural Network based Novel Automatic Recognition System for License Plates	Convolutional Neural Network based Novel Automatic Recognition System for License Plates	2021	978-1-6654-5866-5	IEEE
45	Dr. Manish Kumar	Dynamic Trust Based IDS to Mitigate Hole Attacks in Mobile Adhoc Networks	Dynamic Trust Based IDS to Mitigate Hole Attacks in Mobile Adhoc Networks	2021	978-1-6654-5866-5	IEEE
46	Dr. Shubhpreet Kaur	Artificial Intelligence Framework for Identifying the Population Addicted to Drugs:Markov Decision Process	Artificial Intelligence Framework for Identifying the Population Addicted to Drugs:Markov Decision Process	2021	978-1-6654-5866-5	IEEE
47	Dr. Milanpreet Kaur	First Principle Contemplation of Carbon Peapod (C20@CNT) Junction	First Principle Contemplation of Carbon Peapod (C20@CNT) Junction	2021	978-1-6654-5866-5	IEEE
48	Dr. Vikas Gupta	Performance Investigation of Centroid Based Localization Algorithm and Comparison of	Performance Investigation of Centroid Based Localization	2021	978-1-6654-	IEEE

		Improvement Achieved in Localization Error using Optimization Techniques in WSN	Algorithm and Comparison of Improvement Achieved in Localization Error using Optimization Techniques in WSN		5866-5	
49	Dr. Parveen Kumar	COVID-19, Corona Virus Detection Using Artificial Intelligence	COVID-19, Corona Virus Detection Using Artificial Intelligence	2021	978-1-6654-5866-5	IEEE
50	Ms. Rachna Kaushik	Roles and Research Trends of Artificial Intelligence in Mathematics Education	Roles and Research Trends of Artificial Intelligence in Mathematics Education	2021	978-1-6654-5866-5	IEEE