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Department of Artificial Intelligence and Machine Learning

Faculty Publications

Sl. No.	Authors Name	Title of the Paper	Journal/Conference /Book Chapter	Journal Name	Year of Publication	SCI/SCIE/WOS/ Scopus/ UGC Care
1	Dr T. Rajesh Kumar	Optimization enabled deep residual neural network for motor imagery EEG signal classification	Journal	Biomedical Signal Processing and Control	2023	SCI
2	T. Rajesh Kumar	Development of Symmetrical Fault Detection During Power Swing Based on Entropy	Journal	Journal of Electrical Engineering & Technology	2021	SCI
3	T Rajesh Kumar	BSO feature selection based machine learning solar radiation Prediction	Journal	Journal of Physics	2021	Scopus
4	T Rajesh Kumar	Convoluted fashion classifier prediction using Neural Networks	Journal	Journal of Physics	2021	Scopus
5	T Rajesh Kumar	Six by Two Degrees of Wikipedia	Journal	Journal of Physics	2021	Scopus
6	T. Rajesh Kumar	An Efficient Hybrid Computing Environment to Develop a Confidential and Authenticated IoT Service Model	Journal	Wireless Personal Communications	2020	SCI
7	T. Rajesh kumar	An improved approach for automatic spine canal segmentation using probabilistic boosting tree (PBT) with fuzzy support vector machine	Journal	Journal of Ambient Intelligence and Humanized Computing	2020	SCI

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8	T.Rajesh Kumar	An AI based Chat Bot for Providing Health Services	Journal	Test Engineering & Management	2020	Scopus
9	T.Rajesh Kumar	Detection of Pest and Disease in Banana Leaf using Convolution Random Forest	Journal	Test Engineering & Management	2020	Scopus
10	T.Rajesh Kumar	Similarity Disease Prediction System for Efficient Medicare	Journal	Test Engineering & Management	2020	Scopus
11	T. Rajeshkumar	Enhanced Visual Attendance System by Face Recognition USING K-Nearest Neighbor Algorithm	Journal	Journal of Advanced Research in Dynamical and Control Systems	2019	Scopus
12	Rajesh Kumar T	Blackspot Alert and Accident Prevention System	Conference	IEEE-IIT Kanpur	2019	Scopus
13	Rajesh Kumar T	Process Efficient Artificial Neural Network based approach for channel selection and classification of seizures	Book Chapter	Computational Network Application Tools for Performance Management	2019	Scopus
14	T. Rajesh kumar	A Cluster Based Intrusion Detection Techniques For Wireless Sensor Networks	Journal	Pakistan Journal of Biotechnology	2018	Scopus
15	T.Rajeshkumar	Speed detecting and reporting system using Gps/gprs and gsm	Journal	International Journal of Pure and Applied Mathematics	2018	Scopus
16	T.Rajesh kumar,	Automatic Seizure Detection in EEG signal using PSO and SVM	Journal	International Journal of Pure and Applied Mathematics	2018	Scopus

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17	T. Rajesh kumar	An Integrated Density Based Traffic Load Balancing System In A Cloud Environment	Journal	Pakistan Journal of Biotechnology	2017	Scopus
18	T.Rajesh Kumar	An Artificial Technique Based Approach for Channel Selection and Classification of Electroencephalogram Signals	Journal	International Journal of Printing, Packaging & Allied Sciences	2017	UGC
19	Rajesh Kumar T	MRI Brain Image Segmentation using Fuzzy C Means Cluster Algorithm for Tumor Area Measurement	Journal	International Journal of Engineering Technology Science and Research	2017	UGC
20	T.Rajesh Kumar	A Perspective Approach on Artificial Cognitive Computing and its Future Development	Journal	International Journal of Innovative Research in Computer and Communication Engineering	2016	UGC
21	Soundarya S	Big data analytics and Mining for effective Visualization and trends forecasting of Crime data	Journal	Journal of Physics	2021	SCOPUS
22	Soundarya S	Facial Emotion Recognition Using Deep Learning	Journal	Journal of Physics	2021	SCOPUS
23	Soundarya S	Smart IoT Multimodal Emotion Recognition System Using Deep Learning Networks	Book Chapter	Journal of Artificial Intelligence and IoT	2021	SCOPUS
24	Soundarya S	Artificial Intelligence and IoT Framework for the Health Monitoring System	Book Chapter	Journal of Artificial Intelligence and IoT	2021	SCOPUS
25	Soundarya S	Improved Analysis of Alzheimer Disease Using Gadolinium Material	Journal	Materials Today Proceedings	2021	SCI

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26	Soundarya S	An Effective interest Identification Technique to Enhance Sales Performance in Supermarkets	Journal	International Journal of Innovative Technology and Exploring Engineering	2019	UGC
27	Soundarya S	Hybrid Modality Level Challenges Faced In Multimodal Sentiment Analysis	Journal	International Journal of Innovative Technology and Exploring Engineering	2019	UGC
28	Soundarya S	A Survey based on Human Emotion Identification using Machine Learning and Deep Learning	Journal	Journal of Computational and Theoretical Nanoscience	2018	SCOPUS
29	Soundarya S	Malware Detection In Android By Network Behaviour Analysis	Journal	International Journal of Computer Science Trends and Technology	2016	UGC