TABLE OF CONTENTS

PAPER ID	PAPER TITLE WITH AUTHOR	PAGE NO
01	Adaptive Sentiment Analysis Using Multi Output Classification *Jitendra kumar*	01
02	Clustering Algorithm for A Healthcare Dataset Using Silhouette Score Value *Sujith Biswas*	06
03	Smart Ambulances for IoT Based Accident Detection, Tracking and Response *Saranya Raj*	15
04	Improving and Maintaining Network Security Using MD5 Algorithm *R. Gopal*	19
05	Advanced Natural Language Translation System *Dr.R. Rajasekar*	24
06	Hate Speech Patterns in Social Media Framework for Detection of Hateful Comments and Integration of Unstructured Data Using Sentiment and Emotion Analysis *Dr. Chandrasekar Venkatachalam*	32
07	Maximized Optimization Algorithm for Distributed Traffic Control Laws by Combining Traffic Engineering and Quality of Service *Dr. Moomorthy and E. Pavithra*	38
08	A Novel Approach to Tree Map Visualization of Hierarchical Data *G. Gomathi*	43
09	Updated Congestion Control Algorithm for TCP Throughput Improvement in Wired and Wireless Network *M. Makala*	47
10	A Survey on Shortest Path Routing Algorithms for Public Transport Travel *Dr.M. Sreedhar Reddy*	51
11	Clustering Optimization Algorithm for Data Mining Based on Artificial Intelligence Neural Network *Mohaideen and Dr.J. Britto*	56
12	Developing A Framework for Online Practice Examination and Automated Score Generation *Tharmalingam and Ravi*	62

PAPER ID	PAPER TITLE WITH AUTHOR	PAGE NO
13	Prediction of Classification Algforithm for Twitter Sentiment Analyses *M. Praveena*	70
14	A Study of Automated Software Testing: Automation Tools and Frameworks *Pavithra and Divya Sai*	78
15	Content-Based Image Retrieval System Using Feed-Forward Back Propagation Neural Network *Praveen Sanaka and Priyanka Aravapallyi*	86
16	A Semantic Retrieval System for Extracting Relationships from Biological Corpus *Kurri Rajani and V. Saidulu*	95
17	Collaborative Web Recommendation Systems *K. Bikshapathi and Dr.M. Narayanan*	101
18	Analysis of Attacks on Components of IOT Systems and Cyber Security Technologies *Aksah Dey and Ravi kumar*	107
19	Document Clustering Using Linear Partitioning and Reallocation Using EM Algorithm *Sujana Rao and Ch. Suresh*	113
20	A Graph Isomorphism Framework for Multi-Level Detection of Falsified Pdf Documents *Kranthi deep and Swathi*	118
21	Convolutional Neural Network Based Feature Extraction for Iris Recognition *Bharath and Naga Sravya*	124
22	A Comparative Study on Fingerprint Protection Using Watermarking Techniques *Harika and Ravi*	135
23	A Novel Deep-Learning Based Ensemble Segmentation Model for Emergence Timing Detection of Coleoptile *Akash and Mohaideen*	139
24	Soil Classification by Using Machine Learning Algorithm: A Survey *K. Parijatha*	144

25	ResNet-50 and VGG-19 for Multi-crop Classification: A Survey *P. Amulya*	149
26	Energy Efficient Direction-Based PDORP Protocol for WSN *Malashree*	155
27	Employee Performance Appraisal System Using Fuzzy Logic *Tharmalingam*	161
28	Reducing Packet Delay and Loss in Heterogeneous Mobile Wireless Networks *Radhakrishnan and Mohaideen*	166
29	Histogram Based Image Spam Detection Using Back Propagation Neural Networks *Sreedharan and Mohaideen*	170
30	Combining Clustering with Classification: A Technique to Improve Classification Accuracy *Dr.J. Gladson*	175
31	The Six Sense Technologies - A Technique to Act Crust (Skin) as an Input Device *Qamar Ahmed and Sufia Enayat*	179
32	Input Data Processing Techniques in Intrusion Detection Systems *Dr. Saravanan and Dr.M. Jawakar*	185
33	DGA Classification for Effective Cyber Security Using Deep Learning *M. Amit Kumar and V. Anil Kumar*	189
34	Blockchain-Based Dynamic Secure Distributed Group Key Management for Mobile Computing *Ashwini Manikonda and Mohammad Asma*	196
35	Improve the Accuracy in Healthcare Data Analysis Using Competitive Ensemble Deep Learning Model *A. Shravani Reddy and B. Nishma*	205
36	Multi-Network Trust-Aware Cloud Service Selection Mechanism in Peer-Assisted Environments *K. Renuka and G. Bharath Kumar Goud*	212
37	Fake Job Post Prediction Using Different Data Mining Techniques *Bodduna Srinivas and P. Sandeep*	220
38	Secure Authentication Scheme for Online Transactions *Anju Gopi*	229

39	Image Search and Retrieval Using Sophisticated Methods *M. Anusha and G. Jeevan Sandesh*	236
40	Online Fraud Detection Using Integrating Machine Learning Algorithms *P. Lakshmi Prabha and C. Dinesh*	241
41	Study of Data Analytics in Healthcare Using Machine Learning Approaches *Mahesh Hundekar*	246
42	Ai-Based Traffic Congestion Control System: Comparison of Two Algorithms, Faster RCNN, and Yolo V3 *Md. Mahfooz Alam and S. Manivannan*	250
43	A Cognitive Radio Spectrum Access with Efficient Use of Machine Learning *K. Priyanka and Dr.M. Rama Subramanian*	264
44	Integrating and Transforming Healthcare by the Help of Artificial Intelligence *P. Rashmitha and Laxmi Prasanna*	270
45	Generating Videos from Text with Acknowledgement Using GAN's *Gadicherla Sirisha and M.D. Nasreen*	275
46	A Survey on Plant Disease Detection using Machine Learning *R. Venkatesh, Dr.J. Gladson, M. Naga Sravya and Dr.M. Jawahar*	282
47	A Brief Review on Particle Swarm Optimization: Limitations & Future Directions *Dr.M. Jawakar*	287
48	A Novel Transmission Technique for Interference Management and Mitigation IN 3GPP LTE-Advanced *P. Ashok Kumar and B. Madhavi*	293
49	Improved Gradient Descent Back Propagation Neural Networks for Diagnoses of Type II Diabetes Mellitus *Dr.J. Brittor*	301
50	Quantifying the Significance and Relevance of Cyber-Security Text Through Textual Similarity and Cyber-Security Knowledge Graph *G.V. Viji Melbha*	306