



PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

DEPARTMENT OF INFORMATION TECHNOLOGY

FACULTY RESEARCH PUBLICATIONS / CONFERENCE PRESENTATIONS FOR A.Y 2023-24

S.No.	Name of the faculty	Title	Journal name	Month and Year of Publication / Presentation	Indexing
1	Dr. M. Uma Devi	A Deep Learning-based System for Automated Plant Disease Severity Detection and Fertilizer Optimization	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Apr 2024	UGC Approved
2	Dr. M. Uma Devi	Utilizing Machine Learning To Enhance Early Intervention In Mental Health Care	Industrial Engineering Journal	Apr 2024	UGC Approved
3	T. Ganga Bhavani	Deep Neural Networks for Multimedia Forensics: Detection of Deepfake Content	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Apr 2024	UGC Approved
4	T. Ganga Bhavani	Machine Learning-based Anomaly Detection for Fraudulent Banking Activities	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Apr 2024	UGC Approved
5	T. Ganga Bhavani	Improving Cardiovascular Stroke Risk Prediction with Machine Learning	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Apr 2024	UGC Approved
6	Mr. Satya Mohan Chowdary G	Enhancing Digital Cheque Security: A Machine Learning Approach to Signature Fraud Mitigation	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Apr 2024	UGC Approved



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7	Mr. Satya Mohan Chowdary G	Identifying Credit Card Fraudulent Transactions through Machine Learning Analysis	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Apr 2024	UGC Approved
8	D. Konda Babu	Web-based Deep Learning System for Malaria Parasite Detection in Granular Blood Samples	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Apr 2024	UGC Approved
9	D. Konda Babu	A Proactive Approach to Heart Health: Machine Learning for Risk Assessment and Personalized Patient Management	Industrial Engineering Journal	Apr 2024	UGC Approved
10	Mrs. A Manga Devi	Intelligent Traffic Management System: Detecting Over Speeding, Red-Light Violations, Helmet Violations, and Triple Riding	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Apr 2024	UGC Approved
11	Mrs. A Manga Devi	Identifying Risky Apps on the Google Play Store: A Decision Tree Approach	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Apr 2024	UGC Approved
12	D. Bhavya Reddy	Implementing a Blockchain-based E-Voting System for India: Mitigating Security Challenges through Aadhaar Card Authentication	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Apr 2024	UGC Approved
13	P S H R Padmaja	Enhanced Fire Alarm Systems using Deep Learning for Smoke and Fire Detection	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Apr 2024	UGC Approved



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14	P S H R Padmaja	Enhancing Coronary Heart Disease Risk Prediction with Machine Learning and Deep Learning	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Apr 2024	UGC Approved
15	T. Kavitha	Enhancing Spam Filtering: A Machine Learning Approach to SMS and Email Fraud Classification	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Apr 2024	UGC Approved
16	T. Kavitha	Web-based System for Identifying Fraudulent Job Advertisements with Machine Learning	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Apr 2024	UGC Approved
17	Ch. Naga Lakshmi Geetha	A Recognition-Based Graphical Password System for Enhanced User Authentication	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Apr 2024	UGC Approved
18	Mrs. T Ganga Bhavani	Exploring Word Embeddings for Text Classification: A Comparative Analysis	International Journal of Engineering Technology and Management Sciences- IJETMS	Sept-Oct 2023	UGC Approved
19	Mr. Satya Mohan Chowdary G	Exploring Word Embeddings for Text Classification: A Comparative Analysis	International Journal of Engineering Technology and Management Sciences- IJETMS	Sept-Oct 2023	UGC Approved
20	Mrs. A Manga Devi	Applications of Fuzzy sets for personalized healthcare Recommendation system	Journal of Fuzzy sets Fuzzylogic Design volume 1 issue 1 year 2024	March 2024	MAT
21	Mrs. A Manga Devi	Application of Distributed graphs for Facilitation of scalable botnet Detection and Response	Journal of security computer Networks and Distributed Systems	Feb , 20024	MAT



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22	Mrs. A Manga Devi	Self-Assured Oppurtunitic Routing Algorithm for Ad Hoc Networks	Journal of IoT-Based Distributed Sensor Networks volume 1, Issue 1 year 2024	Feb , 2024	MAT
23	Mrs. A Manga Devi	Review of variants of bloom filters for Detection of malicious URL	Journal of Intelligent Decision Technologies and Applications volume 1, Issue 1 year 2023	Dec , 2023	MAT