



MALLA REDDY ENGINEERING COLLEGE FOR WOMEN

(Autonomous Institution-UGC, Govt. of India)

Programmes Accredited by NBA & NAAC with 'A' Grade UGC, Govt. of India

National Rank Band (151-300) in NIRF-Innovation, Accepted by MHRD, Govt. of India

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Faculty Publications Academic Year 2023-24

S.No	Name of the faculty	Title of the Paper	Journal Name	Year & Month of Publication	Vol. No., Issue No.,/ISSN Nos.,DOI	SCI/SCOPUS/WOS/UGC
1	Dr. SUBBAREDDY BORRA	Deep hashing with multilayer CNN-based biometric authentication for identifying individuals in transportation security	Journal of Transportation Security	2024, Feb	Volume 17, article number 4	SCOPUS
2	Dr. SUBBAREDDY BORRA	Optimal design of solar/wind/battery and EV fed UPQC for power quality and power flow management using enhanced most valuable player algorithm	Frontiers in Energy Research	2024, January	Volume 11	SCOPUS
3	Dr. SUBBAREDDY BORRA	A brief study on rice diseases recognition and image classification: fusion deep belief network and S-particle swarm optimization algorithm	International Journal of Electrical and Computer Engineering (IJECE)	2023, December	Vol 13, No 6	SCOPUS
4	Dr. SUBBAREDDY BORRA	OECsingle bondNet: Optimal feature selection-based email classification network using unsupervised learning with deep CNN model	e-Prime - Advances in Electrical Engineering, Electronics and Energy	2024, March	Volume 7	SCOPUS
5	Dr. SUBBAREDDY BORRA	A Novel Optimized Neural Network Model for Cyber Attack Detection using Enhanced Whale Optimization Algorithm	Scientific Reports	2024, March	2045-2322, 14, Article number: 5590	SCOPUS
6	Dr. SUBBAREDDY BORRA	CADNet: cardiac arrhythmia detection and classification using unified principal component analysis and 1D-CNN model	Research on Biomedical Engineering	2024, March	Volume 40, pages 317-329	SCOPUS
7	Dr. SUBBAREDDY BORRA	Automatic Brain Tumor Detection and Classification Using UNET and Optimized Support Vector Machine	SN Computer Science	2024, May	2661-8907, Volume 5, 540	SCOPUS
8	Dr. SUBBAREDDY BORRA	Automatic measurement Cardiothoracic Ratio in chest X-ray images with ProGAN -Generated dataset	ARPN Journal of Engineering and Applied Sciences	2023, August	1819-6608, Volume 18, Pages 2080-2087	SCOPUS
9	Dr. SUBBAREDDY BORRA	Active Online Learning for Social media Analysis to Support Crisis Management	IRACST – International Journal of Computer Networks and Wireless Communications (IJCNCW)	2023, December	2250-3501 Vol.13, No 4	UGC
10	Dr. SUBBAREDDY BORRA	Deep CNN Framework for Object Detection and Classification System from Real Time Videos	Journal of Science and Technology	2023, December	2456-5660 Volume 8, Issue 12	UGC
11	Dr. SUBBAREDDY BORRA	Exploring the Relationship Between Weather Patterns and Energy Consumption in Smart Homes: A Regression Analysis	Journal of Interdisciplinary Cycle Research	2024 , January	Volume XVI, Issue I	SCOPUS
12	Dr. SUBBAREDDY BORRA	AI-ENHANCED FAULT DETECTION AND CLASSIFICATION IN ROBOTIC MANIPULATORS FOR ENHANCED SAFETY AND RELIABILITY IN INDUSTRIAL AUTOMATION	IJESR	2023, December	Vol-13/Issue-4	UGC
13	Dr. SUBBAREDDY BORRA	Privacy-Preserving Spatiotemporal Data Sharing: A Machine Learning-based	Science, Technology and Development	2024 , January	0950-0707 , Volume XIII Issue I	UGC
14	Dr. SUBBAREDDY BORRA	A MACHINE LEARNING FRAMEWORK FOR BIOMETRIC AUTHENTICATION USING ELECTROCARDIOGRAM(ECG)	Journal of Science and Technology	2023, December	2456-5660 Volume 8, Issue 12	UGC
15	Dr. SUBBAREDDY BORRA	AUTOMATING E-GOVERNMENT POLICIES HAND WRITTEN DIGITS RECOGNITION AND TEXT & IMAGE BASED SENTIMENT DETECTION USING AI	Journal of Science and Technology	2024 , January	2456-5660 Volume 9, Issue 01	UGC
16	Dr. SUBBAREDDY BORRA	SARCAMNET: EXTENSION OF LEXICON ALGORITHM FOR EMOJI-BASED SARCASM DETECTION FROM TWITTER DATA	Journal of Science and Technology	2024 , January	2456-5660 Volume 9, Issue 01	UGC
17	Dr. SUBBAREDDY BORRA	K-NEAREST NEIGHBOUR CLASSIFIER FOR URL-BASED PHISHING DETECTION MECHANISM	Turkish Journal of Computer and Mathematics Education (TURCOMAT)	2023	Vol.14 No.03	UGC
18	Dr. SUBBAREDDY BORRA	BLOCKCHAIN BASED AGRICULTURE CROP DELIVERY PLATFORM FOR ENFORCING TRANSPARENCY	Turkish Journal of Computer and Mathematics Education	2023	Vol.14 No.02	UGC
19	Dr. SUBBAREDDY BORRA	Machine Learning Approaches for Alzheimer's Disease Prediction from Darwin Dataset	Journal of Interdisciplinary Cycle Research	2024, January	1945, Volume 16, Pages 661-673	SCOPUS

20	Dr. SUBBAREDDY BORRA	Supervised Learning Models for Student Performance	Journal of Science and Technology	2024,January	2456-5660,Volume 9, Pages 1-8	UGC
21	Dr. MURUGESAN VANITHA	DL BASED IOT ENERGY AUDIT ANALYTICS FOR DETECTING AND IDENTIFYING CYBER-PHYSICAL ATTACKS	Journal of Science and Technology	Dec-23	2456-5660 Volume 8, Issue 12	UGC
22	Dr. MURUGESAN VANITHA	SURFACE IDENTIFICATION OF ROBOT SENSED DATA AN ARTIFICIAL INTELLIGENCE APPROACH	Journal of Science and Technology	Dec-23	2456-5660 Volume 8, Issue 12	UGC
23	Dr. MURUGESAN VANITHA	PREDICTIVE MODELING OF AVERAGE FUEL CONSUMPTION IN HEAVY VEHICLES USING MACHINE LEARNING	JOURNAL OF CRITICAL REVIEWS	2023	2394-5125,Volume 10,Issue 4	UGC
24	Dr. MURUGESAN VANITHA	SMART MOBILE DEVICE USER ACTIVITY EXTRACTION WITH FORENSIC LOGGING SERVICE IN MACHINE LEARNING	Journal of Engineering Sciences	2024	0377-9254,Vol 15 Issue 08	SCOPUS
25	Dr. ARUMUGAM SIVAKUMARAN	Neural collaborative filtering based group recommendations	Journal of Engineering Sciences	2024 , January	0377-9254 , Volume 15 , Issue 10	SCOPUS
26	Dr. ARUMUGAM SIVAKUMARAN	Price Negotiating Chatbot with Text & Voice on E-commerce website	JOURNAL OF CRITICAL REVIEWS	2023	5125,Volume 10, Issue 7	UGC
27	Dr. ARUMUGAM SIVAKUMARAN	Farming Made Easy using Machine Learning	JOURNAL OF CRITICAL REVIEWS	2023	5125,Volume 10 Issue 7	UGC
28	Dr. KANDASAMY JAYARAJAN	A NOVEL CRIME SCENE INVESTIGATION ACTION TO CONCENTRATE CLIENT ACTION FROM CELL PHONES	Turkish Journal of Computer and Mathematics Education	2023	Vol.14 No.03	UGC
29	Dr. KANDASAMY JAYARAJAN	A NOVEL COGNITIVE AGENT SYSTEM TO RETRIEVE RELEVANT CODE COMPONENTS FROM A REPOSITORY	Turkish Journal of Computer and Mathematics Education	2023	Vol.14 No.03	UGC
30	Dr. KANDASAMY JAYARAJAN	The Use Of Machine Learning To Spot Counterfeit Currency	International Journal of Creative Research Thoughts (IJCRT)	2023,August	Volume 11, Issue	UGC
31	Dr. KANDASAMY JAYARAJAN	A Comprehensive Review of Machine Learning based Intrusion Detection System in Internet of Things	IJIEMR	2023,August	Volume 12, ISSUE 08	UGC
32	Dr. KANDASAMY JAYARAJAN	AN ARTIFICIAL INTELLIGENCE METHOD EMPLOYING STOCHASTIC NEURAL NETWORKS FOR IDENTIFYING AND CATEGORIZING CASES OFSKIN CANCER	IJRAR	2023,September	2349-5138,Volume 10, Issue 3	UGC
33	Dr. SUMAIYA SAMREEN	GuardianNet: Advancing Internet Loan Security With Deep Learning Anti-Fraud	International Journal of Computing and Artificial Intelligence	2024 , January	0950-0707 ,Volume 8 , Issue 1	UGC
34	Dr. SUMAIYA SAMREEN	Developing hybrid deep neural networks for detecting the movement of wild animals and generating alarm messages	International Journal of Computing and Artificial Intelligence	2024 , January	2707-6571 ,Volume 5 ,Issue 2	UGC
35	Dr. SUMAIYA SAMREEN	A New Analysis Of Women 'S Safety In Indian Cities Using Machine Learning On Tweets	Science, Technology and Development	2024 , January	0950-0707 , Volume 8 ,Issue	UGC
36	Dr. SUMAIYA SAMREEN	THE INTELLIGENCE AMBULANCE: BRIDGING AI AND HUMAN INTERACTION TECHNOLOGIES	Journal of Science and Technology	2023,December	2456-5660 Volume 8, Issue 12	UGC
37	Dr. SUMAIYA SAMREEN	AI-powered Approach for Accident Occurance Alerting from Traffic Surveillance	Journal of Science and Technology	2023,December	2456-5660 Volume 8, Issue 12	UGC
38	Dr. SUMAIYA SAMREEN	ENHANCING SEARCH ADVERTISING RECOGNITION: A COMPREHENSIVE STUDY ON FEATURE ENGINEERING TECHNIQUES AND THEIR IMPACT ON USER ENGAGEMENT	Journal of Science and Technology	2023,December	2456-5660 Volume 8, Issue 12	UGC
39	Dr. SUMAIYA SAMREEN	ENSEMBLE FRAMEWORK-BASED DIABETES DETECTION AND DIET PLAN SUGGESTION FOR HEALTHARE BIG DATA CLOUDS	Journal for cardiovascular disease research	2024	vol-14,IS-7	UGC
40	Dr. SRIVANI PUTTA	CNN2D Algorithmfor Detection of Ransomware Attacks Using Processor and Disk Usage Data	Turkish Journal of Computer and Mathematics Education (TURCOMAT)	2024	3048-4855,Vol.15 No.3	UGC
41	Dr. SRIVANI PUTTA	An Intelligent Data-Driven Model to Secure Intravehicle Communications Based on Machine Learning	Turkish Journal of Computer and Mathematics Education	2023,	Vol.14No.03	UGC
42	Dr. SRIVANI PUTTA	Random Forest Classifier for the Detection of IoT Botnet Attacks from Data of Provision PT 37E Security Camera	Turkish Journal of Computer and Mathematics Education	2023,	Vol.14 No.03	UGC
43	Dr. SRIVANI PUTTA	MACHINE LEARNING APPROACH FOR FAKE JOB AD PREDICTION	Turkish Journal of Computer and Mathematics Education	2023,	Vol.14 No.03	UGC

44	Dr. PRADEEP VENUTHURUMILLI	A Deep Learning Framework for Recognition and Classification of Diabetic Retinopathy Severity	provinciajournal	2024	1856-4194, Vol. 23 No. 01	WOS
45	Dr. PRADEEP VENUTHURUMILLI	Recognition of Counterfeit Profiles on Communal Media using Machine Learning Artificial Neural Networks & Support Vector Machine Algorithms	Journal of Next Generation Technology	2024, May	2583-021X, Vol. 4, Issue 2	UGC
46	Dr. PRADEEP VENUTHURUMILLI	Effective Segmentation of Consumer Feedback Analysis using Machine Learning and Deep Learning Algorithms	Journal of Engineering Sciences	2024	0377-9254, Vol 15 Issue 05	SCOPUS
47	Dr. PRADEEP VENUTHURUMILLI	Food Reciepe Analysis Dataming Machine Learning with Sentimental Analysis	International Journal of Research and Analytical Reviews (IJRAR)	2023, September	2349-5138, Volume 10 Issue 3	UGC
48	Dr. PRADEEP VENUTHURUMILLI	ANALYSIS ON THE MACHINE LEARNING RELYING SYSTEM FOR OBJECT IDENTIFICATION AND RECOGNISING FOR THE VISUALLY IMPAIRED	IJIEMR	2023, August	Volume 12, ISSUE 08	UGC
49	Dr. PRADEEP VENUTHURUMILLI	A MACHINE LEARNING ANALYSIS ON IDENTIFYING AND DETECTION OF THE IMAGE FORGERY USING CNN	IJARST	2023, August	Volume 13, Issue 08	UGC
50	Dr. PRADEEP VENUTHURUMILLI	Using a Concatenation of Low-Complexity Deep Learning Models, We Can Spot Fake Images	IJCRT	2023, August	Volume 11, Issue 8	UGC
51	Dr. PRADEEP VENUTHURUMILLI	Temporal Segment Transformers Unveiling Anomalies on Campus: A Study in Abnormal Behavior Recognition	The International journal of analytical and experimental modal analysis	2024, Feb	0886-9367, Volume XVI, Issue II	SCOPUS
52	Mr. VELUSAMY ARUNKUMAR	Scnet: Skin Cancer Detection And Multi-Class Classification Using Deep Cnn Model With Estimated Disease Probabilities	Springer nature Link: SN Computer Science	2024, July	Volume 5 , Issue 733	SCOPUS
53	Mr. VELUSAMY ARUNKUMAR	Individualized Emotional Feedback To Alleviate Student Frustration In Intelligent Tutoring System	Science, Technology and Development	2024 , January	0950-0707 , Volume XIII Issue 1	UGC
54	Mr. VELUSAMY ARUNKUMAR	Enhancing Twitter Data Analysis: A Comprehensive ML-Based Preprocessing Approach For Improved Sentiment Analysis And Brand Monitoring	Science, Technology and Development	2024 , January	0950-0707 , Volume XIII Issue 1	UGC
55	Mr. VELUSAMY ARUNKUMAR	ML-Driven Waste Classification for Effective Organic and Non-Organic Waste Management	Journal of Interdisciplinary Cycle Research	2024 , January	0022-1945 , Volume 16, Issue 1	SCOPUS
56	Ms. DURGABHAVANI BATTU	Deep Learning Approach For Renal Image Classification For Deciphering Anomalies In Kidney Structures	International Journal of Engineering & Science Research	2024 , January	2320-9763 , volume 14 issue 1	UGC
57	Ms. DURGABHAVANI BATTU	A brief study on rice diseases recognition and image classification: fusion deep belief network and S-particle swarm optimization algorithm	International Journal of Electrical and Computer Engineering (IJECE)	2023, December	Vol 13, No 6	SCOPUS
58	Ms. DURGABHAVANI BATTU	Robust Detection Of Link Communities With Summary Description In Social Networks	Journal of Engineering Sciences	2024 , January	0377-9254 , Volume 15 , Issue 10	SCOPUS
59	Ms. DURGABHAVANI BATTU	Predictive Analytics for Optimal Water Management in Smart Irrigation Systems Using Node-MCU data	Science, Technology and Development	2023, December	Volume XII Issue XII	UGC
60	Ms. DURGABHAVANI BATTU	Deep Learning Approach for Renal Image Classification for Deciphering Anomalies in Kidney Structures	IJESR	2024 , January	Vol-14/Issue-1	UGC
61	Ms. DURGABHAVANI BATTU	MACHINE LEARNING APPLICATION: THE ROLE OF SOCIAL MEDIA IN PROMOTING THE SAFETY OF WOMEN IN INDIAN CITIES	Journal of Cardiovascular Disease Research	2023	14,7	SCOPUS
62	Mr. DAVID LIVINGSTON	Machine Learning For Robot Navigation Classification Using Ultrasound Sensor Data	IRACST – International Journal of Computer Networks and Wireless Communications (IJCNWC)	2024 , January	2250-3501 , Volume .14, Issue 1	UGC
63	Mr. DAVID LIVINGSTON	ADVANCED HOPS CLASSIFICATION FOR PRECISION CROP MANAGEMENT AND QUALITY HARVESTS	Journal of Interdisciplinary Cycle Research	2024 , January	Volume XVI, Issue 1	SCOPUS

64	Mr. DAVID LIVINGSTON	MACHINE LEARNING FOR ADVANCED TRAFFIC FORECASTING IN INTELLIGENT TRANSPORTATION SYSTEMS	Science, Technology and Development	2024 , January	0950-0707 , Volume XIII Issue I	UGC
65	Ms. TEJASRI NIMMAGARI	Predicting Workforce Productivity In The Garment Industry	Science, Technology and Development	2023, December	0950-0707 , Volume XII Issue VII	UGC
66	Ms. TEJASRI NIMMAGARI	Artificial Intelligence Tool For Fake Account Detection From Online Social Networks	Science, Technology and Development	2024 , January	0950-0707 , Volume XIII Issue I	UGC
67	Ms. TEJASRI NIMMAGARI	Machine Learning-based Detection of Malaria Infection through Blood Sample Analysis	Journal of Science and Technology	2023, December	2436-3060 Volume 8, Issue 17	UGC
68	Ms. TEJASRI NIMMAGARI	ARTIFICIAL INTELLIGENCE TOOL FOR FAKE ACCOUNT DETECTION FROM ONLINE SOCIAL NETWORKS	Science, Technology and Development	2024 , January	0950-0707 , Volume XIII Issue I	UGC
69	Ms. HARITHA LAKSHMI BOBDEDA	Securing The Pulse Of Smart Cities: Advanced Methods For Detecting False Data Injection In Iot Based Smart Grids	IRACSI – International Journal of Computer Networks and Wireless Communications (IJCNWC)	2023, December	2250-3501 ,Vol.13, No 4	UGC
70	Ms. HARITHA LAKSHMI BOBDEDA	Nlp-Based News Articles Classification To Identify In-Article Attribution For Influencing Mining System	Science, Technology and Development	2023, December	0950-0707 ,Volume XII Issue XII	UGC
71	Ms. HARITHA LAKSHMI BOBDEDA	Django Framework For Development Of Fingerprint Access Based Atm: A Desktop Application	Science, Technology and Development	2024 , January	0950-0707 , Volume XIII Issue I	UGC
72	Mr. AYUB BAIG	Predicting Employees Under Stress For Preemptive Remediation Using Machine Learning Algorithm	Journal of Engineering Sciences	2024 , January	0377-9254 , Volume 15 , Issue 10	SCOPUS
73	Mr. AYUB BAIG	PREDICTING FIRE ALARMS USING MULTI-SENSOR DATA: A BINARY CLASSIFICATION APPROACH	IJESR	2023, December	Vol-14/Issue-1	UGC
74	Mr. AYUB BAIG	CRYPTOCURRENCY PRICE ANALYSIS WITH ARTIFICIAL INTELLIGENCE	Science, Technology and Development	2024 , January	0950-0707 , Volume XIII Issue I	UGC
75	S.Sunil Kumar	Artificial Intelligence-Driven Data Preception for Sustainable Smart Water Supply: Enhancing Quality Risk	International Journal for Innovative Engineering	2023 August	Vol-14,Issue-10 ISSN-0377-9257	UGC
76	S.Sunil Kumar	Logistic Regression And Randoom Forest classification for Attack Detection In IOT Sensor Data	Journal of Cardiovascular Disease Research	2023	Vol-14,Issue-10 ISSN-0975-3583	UGC
77	S.Sunil Kumar	Machine Learning With Data Frame for Classification of SPAM Comments from YOUTUBE	Turkish Journal of Computer and Mathamatics Education	2023	Vol-14,Issue-2	UGC
78	Ms. MALLUBHOTLA SYAMALASAISREE	Customer Retention Strategies in E-commerce: Insights from Purchasing Intention Data	Journal of Interdisciplinary Cycle Research	2024 , January	Volume XVI, Issue I	SCOPUS
79	Ms. MALLUBHOTLA SYAMALASAISREE	GESTURE BASED SIGN LANGUAGE RECOGNIZATION USING NINTENDO POWER GLOVE DATA	IJESR	2023, December	Vol-14/Issue-1	UGC
80	Ms. BANDARU VASANTHA	Software Bug Prediction Using Machine Learning Approach	JAC : A Journal Of Composition Theory	2023, August	0731-6755, Volume	UGC
81	Ms. BANDARU VASANTHA	MISSING CHILD IDENTIFICATION AND ADOPTION OF THE CHILD FROM THE REMAINING CHILDREN DATABASE AFTER A TIME PERIOD	Journal of Nonlinear Analysis and Optimization	2023,	1906-9685, Vol. 14, Issue. 2	UGC
82	Ms. BANDARU VASANTHA	Multi-Class Stress Detection Through Heart Rate Variability: A Deep Neural Network Based Study	Journal of Interdisciplinary Cycle Research	2024, Feb	1945, Volume XVI, Issue II	SCOPUS
83	Ms. BANDARU VASANTHA	ANOMALY DETECTION IN SELF-ORGANIZING NETWORKS: CONVENTIONAL VERSUS CONTEMPORARY MACHINE LEARNING	IJTE	2023, November	2057-5688, Vol- XV, Iss-IV	UGC
84	Ms. BANDARU VASANTHA	PHISHING DETECTION SYSTEM THROUGH HYBRID MODEL IN MACHINE LEARNING BASED ON UR	IJTE	2023, November	2057-5688, Vol- XV, Iss-IV	UGC
85	Mr. DEVENDRA PIDATALA	DETECTING BULDING DAMAGE INTENSITY DURING DISASTERS USING MACHINE LEARNING	International Journal of Engineering and Techniques	Oct-23	ISSN: 2395-1303 ,Volume X Issue X, October	UGC
86	Ms. DUPATI SRIVALLI	Effective Software Effort Estimation Leveraging Machine Learning for Digital Transformation	Journal of Interdisciplinary Cycle Research	2024 , January	0022-1945 ,Volume 16, Issue 2	SCOPUS

87	Ms. DUPATI SRIVALLI	Detection Of Deep Fake Social Media Leveraging Using Deep Learning	The International journal of analytical and experimental modal analysis	2024 , February	0886-9367 , Volume 16 , Issue 2	SCOPUS
88	Mr. MUNIMANDA PREM CHANDER	INVISIBLE SHIELD: ADVANCED FILE PROTECTION THROUGH MULTI-IMAGE STEGANOGRAPHY WITH PIXEL VALUE DIFFERENCING	IRACST – International Journal of Computer Networks and Wireless Communications (IJCNC)	2023,December	2250-3501 Vol.13, No 4	UGC
89	Mr. MUNIMANDA PREM CHANDER	STARTUP FORECASTING: A DATA-DRIVEN APPROACH USING ARTIFICIAL INTELLIGENCE FOR ENHANCED SUCCESS PREDICTION AND INFORMED DECISION-MAKING	IJESR	2023,December	Vol-13/Issue-4/1-10	UGC
90	Mr. MUNIMANDA PREM CHANDER	OPTIMAL CLASSIFICATION OF SIMULATED CYBER-PHYSICAL ATTACK ON WATER SUBSYSTEM USING MACHINE LEARNING ALGORITHM	Journal of Critical Reviews	2023	10,4	UGC
91	Ms. RASHMI CIGIRI	Accident Detection and Traffic Flow Analysis for Intelligent Road Traffic Monitoring	Science, Technology and Development	2023,December	Volume XII Issue XII	UGC
92	Ms. RASHMI CIGIRI	Optimizing Cloud Storage: Addressing Data Duplication Challenges Through Dynamic Cloud Storage Virtualization	Science, Technology and Development	2023,December	Volume XII Issue XII	UGC
93	Ms. RASHMI CIGIRI	Supervised and Semi-Supervised Text Mining Models for Hotel Reviews Analysis	Turkish Journal of Computer and Mathematics Education	2023	Vol.14 No.03	UGC
94	Ms. NUUVULA BABYRANI	EXPLORING THE COMPLEX RELATIONSHIP BETWEEN ASTHMA AND AIR POLLUTION IN URBAN REGIONS: AN ACCURATE AND RELIABLE PREDICTIVE MODEL	IJESR	2023,December	Vol-13/Issue-4/1-10	UGC
95	Ms. NUUVULA BABYRANI	Realtime Rain, Fog and Haze Removal using Open CV for Traffic Camera	Journal of Interdisciplinary Cycle Research	2024,January	Volume XVI, Issue I	SCOPUS
96	Ms. NUUVULA BABYRANI	RAINFALL PREDICTION USING WAVELET NEURAL NETWORK AND ARIMA ANALYSIS	Science, Technology and Development	2024 , January	0950-0707 , Volume XIII Issue I	UGC
97	Ms. NUUVULA BABYRANI	STOCHASTIC GRADIENT BOOSTING MODEL-BASED CONTENT ANALYSIS IN ONLINE SOCIAL MEDIA	Turkish Journal of Computer and Mathematics Education	2023	Vol.14 No.03	UGC
98	P. Devandar Babu	Blockchain-based Approach for Drug Traceability in Health Care Supply Chain	Journal of Interdisciplinary Cycle Research	2024,January	Volume XVI, Issue 1	SCOPUS
99	P. Devandar Babu	Time Series Analysis-based Prediction of Dengue Spread using Climate Data	Journal of Cardiovascular Disease Research	2023	14,7	SCOPUS
100	P.Anil Jawalkar	ADVANCED NEURAL NETWORK ARCHITECTURE FOR DETECTING FRAUD IN INTERNET LOAN APPLICATIONS	Journal of Science and Technology	2023,December	2456-5660 Volume 8, Issue 12	UGC
101	K. Kumar swamy	DEEP LEARNING-BASED APPROACH FOR BIRD SPECIES IDENTIFICATION AND CLASSIFICATION SYSTEM	Journal of Interdisciplinary Cycle Research	2024,January	Volume XVI, Issue I	SCOPUS
102	K. Kumar swamy	DETECTION OF IP MASKING USING WHOIS	Turkish Journal of Computer and Mathematics Education	2023	Vol.14 No.03	UGC
103	Mr. SHINE RAJESH DHASAIAN	Enhancing cybersecurity: A unified approach using explainable ai and open-source intelligence for botnet detection.	IRACST – International Journal of Computer Networks and Wireless Communications (IJCNC)	2023,December	Vol.13, No 4	UGC

104	Mr. SHINE RAJESH DHASAIAN	Machine Learning Approaches for Stress Affect Detection using WESAD Data	IRACST – International Journal of Computer Networks and Wireless Communications (IJCNWC)	2024,January	Vol.14, No 1	UGC
105	Mr. ANIL JAWALKAR	PREDICTION OF ENGINEERING BRANCH SELECTION FOR INTER STUDENTS	Turkish Journal of Computer and Mathematics Education	2024	Vol.14 No.02	UGC
106	Mr. D. Shine Rajesh	COMPUTER VISION APPLICATION: VEHICLE COUNTING AND CLASSIFICATION SYSTEM FROM REAL TIME VIDEOS	Turkish Journal of Computer and Mathematics Education	2024	Vol.14 No.03	UGC
107	Mr. ANIL JAWALKAR	Early prediction of heart disease with data analysis using supervised learning with stochastic gradient boosting	Journal of Engineering and Applied Science	2023,October	70, 122 (2023)	SCOPUS
108	S. Sunil Kumar	MACHINE LEARNING-BASED CROP RECOMMENDATION SYSTEM FOR ENHANCED YIELD PRODUCTION	Journal of Interdisciplinary Cycle Research	2024,January	Volume XVI, Issue I	SCOPUS
109	S. Sunil Kumar	Random Forest Classifier for the Detection of IoT Botnet Attacks from Data of Provision PT 37E Security Camera (2023)	JCR		2394-5125	UGC
110	N. Sateesh	Analytical Approach for Future Blockchain Forensic Investigation of Bitcoin Transaction Network	IRACST – International Journal of Computer Networks and Wireless Communications (IJCNWC)	2024,January	Vol.14, No 1	UGC
111	N. Sateesh	Proactive Stress Detection Among Employees: Leveraging Machine Learning Algorithms for Early Interventions	IRACST – International Journal of Computer Networks and Wireless Communications (IJCNWC)	2024,January	Vol.14, No 1	UGC
112	N. Sateesh	Advanced Neural Networks for Anticipating Plant Development and Harvest Quantity in Controlled Green House Conditions	IJESR	2024,January	Vol.14, No 1	UGC
113	N. Sateesh	ENHANCING CYBERSECURITY MANAGEMENT WITH PREDICTIVE CYBER INSURANCE POLICY ANALYSIS	Science, Technology and Development	2024 , January	0950-0707 , Volume XIII Issue I	UGC
114	PADMA GUNTUPALLI	SEMI SUPERVISED DETECTION OF STRUCTURAL DAMAGE USING MACHINE LEARNING	International journal of techno engineering(IJTE)	2023,November	2057-5688,Volume XV Issue IV	UGC
115	PADMA GUNTUPALLI	Improving Shopping Mall Revenue by Real Time Customized Digital Coupon Issuance	The International journal of analytical and experimental modal analysis	2024,Feb	Volume XVI, Issue II	SCOPUS
116	PADMA GUNTUPALLI	Optimal Ambulance Positioning for Road Accidents with Deep Embedded Clustering	Journal of Interdisciplinary Cycle Research	2024,Feb	Volume XVI, Issue II,	SCOPUS
117	PADMA GUNTUPALLI	PREDICTIVE ANALYSIS FOR BIG MART SALES USING MACHINE LEARNING ALGORITHMS	Journal of Nonlinear Analysis and Optimization	2023	Vol. 14, Issue. 2	UGC
118	CHANDRARAO MERLA	FOOD PRINT ENERGY GENERATION SYSTEM	IJITCE	2024	Volume 15, Issue3	UGC
119	CHANDRARAO MERLA	SMART CARD FOR PUBLIC TRANSPORT	IJITCE	2024	Volume 15, Issue3	UGC
120	CHANDRARAO MERLA	ChatGPT in Software Development: Methods and Cross-Domain Applications	International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING	2023,July	2147-679921.11(9s), 636–643	SCOPUS

121	VENKATESH KUMMARI	ChatGPT in Software Development: Methods and Cross-Domain Applications	International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING	2023,July	2147-679921,11(9s), 636-643	SCOPUS
122	MADHAVI MANASU	PERSON VEIN IDENTIFICATION USING CNN	IJRST	2023,October	Volume 07, Issue 05	UGC
123	PRABHAVATHI	Web based graphical password authentication system	JOURNAL OF CRITICAL REVIEWS	2023	2394-5125,Volume 10,Issue 7	UGC
124	PRABHAVATHI	A NEW ARTIFICIAL INTELLIGENCE MODEL FOR AIR QUALITY PREDICTION AND ANALYSIS	Turkish Journal of Computer and Mathematics Education	2023	Vol.14 No.03	UGC
125	PRABHAVATHI	THE INTELLIGENCE AMBULANCE BRINGING AI AND HUMAN INTERACTION TECHNOLOGIES	Science, Technology and Development	2023,December	0950-0707,Volume XII Issue XII	UGC
126	PRABHAVATHI	Composite Behavioral Modeling for Identity Theft Detection in Online Social Media Networks	International journal of basic and applied research	2024,January	2249-3352,Volume 14 ISSUE 1	UGC
127	Dr. MURUGESAN VANITHA	SMART FARMING AND SECURITY SYSTEM USING ESP32 AND CAMERA MODULE	IJRST	2023,December	2581 – 4575,Volume 07, Issue 06	UGC
128	Dr. MURUGESAN VANITHA	OBJECT DETECTION AND MOTION SENSING USING IOT	IJRST	2023,December	2581 – 4575,Volume 07, Issue 06	UGC
129	Mr. RAGHUVARAN CHEERLA	SMART FARMING AND SECURITY SYSTEM USING ESP32 AND CAMERA MODULE	IJRST	2023,December	2581 – 4575,Volume 07, Issue 06	UGC
130	Mr Rajkumar Pogaku	OBJECT DETECTION AND MOTION SENSING USING IOT	IJRST	2023,December	2581 – 4575,Volume 07, Issue 06	UGC
131	Dr.T.SRIKANTH	CRYPTOCURRENCY RANSOMWARE DETECTION: ANALYZING CYBER FRAUD TRENDS	IJIEMR	2023,November	volume12 , issue 11	UGC
132	Dr. M. Vanitha	A Data Analytics Approach to the Cybercrime Underground Economy	International Journal for Advanced Research In Science & Technology	2023 October	Vol-13, Issue-10, ISSN- 2457-0362	UGC
133	M. Chandra Rao	Smart Pedestrian Crossing & Traffic Management System	International Journal of Management Research & Business Strategy	2023 July	Vol-12, Issue-3, ISSN- 2319-345X	UGC
134	M.Chandra Rao	Biometric Based Authentication for Vehicle Ignition System	International Journal of Applied Science Engineering and Management	2023 NOV	Vol-14, Issue - 4,ISSN-2454-9940	UGC
135	M.Chandra Rao	Social Media popularity Prediction Based on Multi-Modal Self-Attention Mechanisms	YIDDISH	2023 NOV	Vol-13, Issue - 4,ISSN-0364-4308	UGC
136	M.Chandra Rao	Bluetooth Based Pond Clearing ROBOT	International Journal of basic and applied research	2023 july	Vol-13, Issue - 3,ISSN-2249-3352	UGC
137	M.Chandra Rao	Animal Detection Using Deep Learning Algorithm	International Journal of Engineering Research and Science & Technology	2023 july	Vol-16, Issue - 3,ISSN-2319-5991	UGC
138	M. Chandra Rao	Smart Medicine Remainder and Vending Machine	International Journal of Applied Science Engineering and Management	2023 July	Vol-14, Issue-3, ISSN- 2454-9940	UGC
139	K.Venkatesh	Accident Data Analysis Using Hadoop Hierarchical clustering	IJCRT	2023 August	Vol-11, Issue-8, ISSN- 2320-2882	UGC
140	P. Anil Jawalkar	Zero-Knowledge Leakage Public Auditing Scheme In Secure Cloud Storage	International Journal for Innovative Engineering Management Research	2023 August	Vol-12, Issue-8, ISSN- 2456-5083	UGC

141	P. Anil Jawalkar	Object Detection and Multi-Class Classification from Videos: An Application of AI-enabled Surveillance Camera	Turkish Journal of Computer and Mathematics Education	2023 August	Vol-14, Issue-3, ISSN-	UGC
142	Dr. ARUMUGAM SIVAKUMARAN	ML Driven Retailer Type Classification Based on Analysis of Food Waste Data	Science Technology and Development	2023 December	Vol-XII, Issue-XII, ISSN- 0950-0707	UGC
143	Dr. SUMAIYA SAMREEN	Results of Experiments on Different Elliptic Curves and App Layouts for Multi-key Searchable Encryption	International Journal for Advanced Research In Science & Technology	2023 August	Vol-13, Issue-8, ISSN- 2457-0362	UGC
144	Dr. P. Srivani	Results of Experiments on Different Elliptic Curves and App Layouts for Multi-key Searchable Encryption	International Journal for Advanced Research In Science & Technology	2023 August	Vol-13, Issue-8, ISSN- 2457-0362	UGC
145	Dr. P. Srivani	Malware Detection A Framework for Reverse Engineered Android Applications through Machine Learning Algorithms	Applied GIS	2024 OCT	Vol-11, Issue-4, ISSN- 1832-5505	UGC
146	Dr. P. Srivani	Smart Contracts Based Access Control For Health Care Data	Applied Laser Technology	2023 OCT	Vol-30, Issue-4, ISSN- 1000-372X	UGC
147	Dr. P. Srivani	Detection of Fraudulent Medicare Providers Using Decision Tree and Logistic Regression Models	Journal of Interdisciplinary Cycle Research	2023 JANUARY	Vol-XVI, Issue-1, ISSN- 0022-1945	UGC
148	Dr. P. Srivani	Software Defect Prediction Using Ensemble Learning	IRACST	Jan-24	Vol-14, Issue-01,ISSN:2250-3501	UGC
149	Dr. P. Srivani	Securing Wireless Networks:Enhanced Intrusion Detection Through Adaptive Sampling and Advanced Convolutional Neural Networks	IRACST	2023 JANUARY	Vol-14, Issue-1,ISSN:2250-3501	UGC
150	Dr. P. Srivani	Adaptive Resources Management for analyzing video streams from Globally Distributed Network Camaras	International Journal for Advanced Research In Science & Technology	2023 JUNE	Vol-13, Issue-5,ISSN:2457-0362	UGC
151	Dr. P. Srivani	Securing Data with Block Chain and AI	Journal of Critical Reviews	2023	Vol-10, Issue-4, ISSN: 2394-5125	UGC
152	S.Sunil Kumar	Virtual Service Resource Replacement Algorithm With Dynamic Resource Allocation Based on Traffic Change In Virtual Networks	International Journal for Innovative Engineering Management Research	2023 August	Vol-12,Issue-8 ISSN-2456-5083	UGC

Conference Paper Publication (2023-24)

S.No	Name of the faculty	Title of the Paper	Journal Name	Year & Month of Publication	Vol. No., Issue No.,/ISSN Nos.,DOI.	SCI/SCOPUS/ UGC
1	Dr. SUBBAREDDY BORRA	Fruit Type Classification using Stacked Bi-directional Long Short Term Memory	International Conference on Evolutionary Algorithms and Soft Computing Techniques (EASCT)	2024,January	979-8-3503-1341-3	SCOPUS
2	Dr. SUBBAREDDY BORRA	Contrast Limited Adaptive Histogram Equalization based Multi-Objective Improved Cat Swarm Optimization for Image Contrast Enhancement	International Conference on Integrated Intelligence and Communication Systems (ICIICS)	2024,Feb	979-8-3503-1545-5	SCOPUS
3	Dr. SUBBAREDDY BORRA	Detection of Military Vehicles based on Edge Devices from Unmanned Aerial Vehicle	International Conference on Distributed Computing and Optimization Techniques (ICDCOT)	2024,May	979-8-3503-8295-2	SCOPUS
4	Dr. MURUGESAN VANITHA	Hybrid salp swarm and particle swarm optimization based secure aware energy efficient routing wireless sensor network	International Conference on Integrated Intelligence and Communication Systems (ICIICS)	2024,Feb	979-8-3503-1545-5	SCOPUS
5	Dr. ARUMUGAM SIVAKUMARAN	Detecting Attackers During Quantum key Distribution in IoT Networks using Quantum-Based Secure and Lightweight Transmission	International Conference on Integrated Intelligence and Communication Systems (ICIICS)	2024,Feb	979-8-3503-1545-5	SCOPUS
6	Dr. SUMAIYA SAMREEN	IoT-Based Power Metering Automation for Improving data Integrity and Reliability in Power Marketing Meters	International Conference on Evolutionary Algorithms and Soft Computing Techniques (EASCT)	2024,January	979-8-3503-1341-3	SCOPUS

7	Dr. PRADEEP VENTHURUMILLI	Cancer Sigt: Illuminating the Hidden-Advancing Breast Cancer Detection with Machine Learning-Based Image Processing Techniques	IEEE: International Conference on Sustainable Communication Networks and Application (ICSCNA)	2024,January	979-8-3503-1398-7	SCOPUS
8	Dr. SRIVANI PUTTA	Prediction of Start up performance using bidirectional Long-short term memory with parametric switch activation function	International Conference on Ambient Intelligence, Knowledge Informatics and Industrial Electronics (AIKIE)	2024,January	979-8-3503-1646-9	SCOPUS
9	Dr. SRIVANI PUTTA	Secured information sharing in SCM: Parametric Analysis on Improved Beetle Swarm Optimization	International Conference on Innovative Data Communication Technology and Application	2023	1877-0509	SCOPUS
10	Dr. SRIKANTH THURIMELLA	Enhancing breast cancer detection from histopathology images: A novel ensemble approach with deep learning-based feature extraction	MATEC Web of Conferences (ICMED)	2024,March	doi.org/10.1051/mateconf/202439201139	WOS
11	Ms. DURGABHAVANI BATTU	Adaptive Path Planning for Autonomous Vehicles in Complex Traffic Scenarios	International Conference on Evolutionary Algorithms and Soft Computing Techniques (EASCT)	2024,January	979-8-3503-1341-3	SCOPUS
12	Ms. DURGABHAVANI BATTU	An Architecture on Drome Agriculture IoT Using Machine Learning	International Conference on Cognitive and Intelligent Computing	2023,October	978-981-99-2745-6	SCOPUS
13	Mr. MUNIMANDA PREM CHANDER	Genetic Signal Processing for Categorizing Genomic Data using Convolutional Neural Networks	International Conference on Evolutionary Algorithms and Soft Computing Techniques (EASCT)	2024,January	979-8-3503-1341-3	SCOPUS
14	Ms. RASHMI CIGIRI	Natural Language Processing in Healthcare: Intelligent System for Extracting Insights from Clinical Text data	International Conference on Evolutionary Algorithms and Soft Computing Techniques (EASCT)	2024,January	979-8-3503-1341-3	SCOPUS
15	Ms. GEETHA PRATHIBHA KOTLA	Band Selection Approach based on Modified Cuckoo Search Algorithm for Hyperspectral Image	International Conference on Integrated Intelligence and Communication Systems (ICIICS)	2024,Feb	979-8-3503-1545-5	SCOPUS
16	Ms. TEJASRI NIMMAGARI	A Trustworthy Product Planning System Based on The Blockchain with E-Commerce Business Model	International Conference on Evolutionary Algorithms and Soft Computing Techniques (EASCT)	2024,January	979-8-3503-1341-3	SCOPUS
17	Ms. HARITHA LAKSHMI BODDEDA	Automatic Diagnosis and Grading of Diabetic Retinopathy using Bat Optimization Algorithm-Refined Deep Residual Network	International Conference on Evolutionary Algorithms and Soft Computing Techniques (EASCT)	2024,January	979-8-3503-1341-3	SCOPUS
18	Mr. AYUB BAIG	High-Spatial-Resolution Remote Sensing Scene Method Based on Spatial Adaptive Convolution	International Conference on Evolutionary Algorithms and Soft Computing Techniques (EASCT)	2024,January	979-8-3503-1341-3	SCOPUS
19	Ms. MALLUBHOTLA SYAMALASISREE	Enhancing Social Media Safety with Automated Toxicity Classification using Semantic Topic Models	International Conference on Evolutionary Algorithms and Soft Computing Techniques (EASCT)	2024,January	979-8-3503-1341-3	SCOPUS
20	Mr. ANIL JAWALKAR	Fault Detection and Diagnosis in Automotive Control Systems using Machine Learning	International Conference on Evolutionary Algorithms and Soft Computing Techniques (EASCT)	2024,January	979-8-3503-1341-3	SCOPUS
21	Mr. SUVARNA SUNIL KUMAR	A Rapid Object Recognition Scenario Based on Improved YOLO-V3 Network	International Conference on Evolutionary Algorithms and Soft Computing Techniques (EASCT)	2024,January	979-8-3503-1341-3	SCOPUS
22	Mr. SUVARNA SUNIL KUMAR	Deep Neural Pretraining for Improving Diagnostic and Therapeutic Entity Recognition in Electronic Medical Records	International Conference on Evolutionary Algorithms and Soft Computing Techniques (EASCT)	2024,January	979-8-3503-1341-3	SCOPUS

23	Mr. SUVARNA SUNIL KUMAR	Hybrid Grasshopper Whale Optimization Algorithm Based on Faster Recurrent Convolutional Neural Network for Intrusion Detection System in Internet of Things	International Conference on Evolutionary Algorithms and Soft Computing Techniques (EASCT)	2024,January	979-8-3503-1341-3	SCOPUS
24	Ms. ORUGANTI RAMYATHEJA	Classification of Air Quality Index Using Autoregressive Integrated Moving Average (ARIMA) and Artificial Neural Networks Models	International Conference on Ambient Intelligence, Knowledge Informatics and Industrial Electronics (AIKIE)	2024,January	979-8-3503-1646-9	SCOPUS
25	Ms. BANDARU VASANTHA	Audio Deepfake Detection and Classification	IEEE :2024 Asia Pacific Conference on Innovation in Technology (APCIT)	Sep-24	979-8-3503-6153-7	SCOPUS
26	Ms. NUVVULA BABYRANI	Design and Development of Cloud and IoT-Based Monitoring System for Environmental Health and Safety in Homes	International Conference on Evolutionary Algorithms and Soft Computing Techniques (EASCT)	2024,January	979-8-3503-1341-3	SCOPUS