

CMR Engineering College, Hyderabad

Publication Details A. Y. 2022 - 2023

S.No	Name of the Authors	Title	Journal / Book Name/Conference	SCI/SCOPUS/WOS/UGC/ BOOK CHAPTERS/OTHERS	Department	Remarks
1	Mrutyunjaya S. Yalawar, K. Vijaya Babu, Bairy Mahender	A Brain-Inspired Cognitive Control Framework for Artificial Intelligence Dynamic	Conference	Scopus	CSE	
2	Dr. MD. Rafeeq	A Comparative Analysis of Hashing-Based Algorithm for Data Replication	Neuro Quantology	Scopus	CSE	
3	Dr. C. N. Ravi	A Novel Machine Learning Framework for Tracing Covid Contact Details by Using Time Series Locational data & Prediction Techniques	Journal	Scopus	CSE	
4	Sumalatha.G, Pankaj Kawadkar, Dr. M. Laxmaiah	A Review of Natural Language Processing based information extraction	Journal	Scopus	CSE	
5	Dr. D. Palanivel Rajan, Dr. C. N. Ravi, D. Uma Visveshwar	A Review on Various Cloud-Based Electronic Health Record Maintenance System for COVID-19 Patients	Conference	Springer	CSE	
6	M lakshmi lavanya, T virajitha, A Divya Reddy, B sharanya	A Security Frame work for Data Storage in Cloud Computing by Using Cryptographic Approaches	Journal	UGC Care	CSE	
7	Md.Gulzar, S Kiran Kumar , Mohammed Azhar, Sumera Jabeen	A survey on wireless channel access protocols	Conference	Scopus	CSE	

8	Dr. P. Rajendra Prasad , Bodla Kishor	Agriculture Crop Recommendations Based on Productivity and Season using Mmachine Learning Algorithms	Journal	UGC Care	CSE	
9	K.Anuhya, Dr. Gautam Kumar, Mrutyunjaya.S. Yalawar	An Approach for a Fog-centric Secure cloud Storage Scheme	International Journal of Recent Technology and Engineering	Scopus	CSE	
10	Mrutyunjaya S Yalawar	An Approach for Detecting Drowsy Drivers in Vehicle using CNN Techniques	Journal	Scopus	CSE	
11	M.PARIMALA, Bodla Kishor	An Iot Based Crop Disease Recognition using AI Based Image Processing Techniques	Journal	UGC Care	CSE	
12	Dr. Harsh Pratap Sing, Dr. M. Laxmaiah, K. Vijaya Babu	Analytical Approach for Voice Recognition: Security Oriented Techniques in Cyber Attacks	Journal	Scopus	CSE	
13	Dr C.N.Ravi, Ch.V. Raghavendran, G. Naga Satish, Kumbam Venkat Reddy	ANN and RSM based Modeling of Moringa Stenopetala Seed Oil Extraction: Process Optimization and Oil Characterization	Journal	Scopus	CSE	
14	Dr C.N.Ravi, Dr. T.S. Karthik, K.Manikandan, Dr PCD Kalaivaani,	Cauchy Grasshopper Optimization Algorithm with Deep Learning Model for Cloud Enabled Cyber Threat Detection System	Conference	Scopus	CSE	
15	Sivasankari.S S, J. Surendiran, N. Yuvaraj , M. Ramkumar, Dr C.N.Ravi	Classification of Diabetes using Multilayer Perceptron	Conference	Scopus	CSE	
16	Mr. Mrutyunjaya S Yalawar, Mrs. M. Ashwitha, Mr. E. Suresh Babu, Mr. Prasad Bobbillapati	Data Mining – Applications in E-Commerce	Book	Text Book	CSE	

17	Mrutyunjaya S Yalawar, M Ashwitha Reddy	Deep Learning Based Frequency-Aware Single Image Deraining by Extracting Knowledge from Rain and Background	Book Chapter	UGC Care	CSE	
18	Mrs. G.Sumalatha	DeepLearning Based Text Summarization for Software Bugs report using Automatic Key Word Sentence	Neuro Quantology	Scopus	CSE	
19	M. Prashanthi, M. Chandramohan	Defect Prediction in software using spiderhunt based Deep CNN classifier	Journal	Scopus	CSE	
20	Prasad. Bobbillapati, Narendra Sharma, Dr. M. Laxmaiah	Design and Development of DataMinig based Predictions on Model for Cancer Patients	Journal	SCI	CSE	
21	A. Punitha, D. Navanitha, G S Sravanthi, R. P. Shanthirani	Detection of COVID-19 from Chest X-Ray Images Using Resnet50, Inception V3 Deep Learning models	Journal	UGC Care	CSE	CSE (AI&ML)
22	Vijaya Babu Kuchipudi, Harsh Pratap Singh, Dr. M. Laxmaiah	Detection of Cyber Attacks using Voice Recognition Technique	Journal	UGC Care	CSE	
23	Dr.Harsh Lohiya, Dr. M . Laxmaiah, Dharavath Nagesh	Development of Model of Merket Tree based Key Management in the Cloud Computing	Journal	Scopus	CSE	
24	Swathi Mattaparthi, Sheo Kumar , Mrutyunjaya S. Yalawar	Fake Currency Detection: A Survey on Different Methodologies Using Machine Learning Techniques	Conference	Scopus	CSE	
25	M. Prashanthi, M. Chandramohan	Hybrid optimization based network classifier for sdp	Journal	Scopus	CSE	
26	Karthikeyan Udaichi, Dr. C. N. Ravi	identification using self-adaptive penguin search algorithm	Journal	SCI	CSE	
27	Sowmya Jagadeesan, Dr. C. N. Ravi	Machine Learning and IoT based Performance Improvement of Energy Efficiency in Smart Buildings	Conference	Scopus	CSE	

28	Sumalatha.G, Pankaj Kawadkar, Dr. M. Laxmaiah	Machine Learning Techniques to Extract the information from Scientific Articles	Journal	UGC Care	CSE	
29	Mrutyunjaya S Yalawar, Ashok Kumar	ML based Parkinson's Disease Identification using Gait Parameters	Journal	Scopus	CSE	
30	Pankaj Kawadkar, Dr. M. Laxmaiah, Sumalatha. G	Modeling of Information Extraction in Scientific Articles using Machine Learning Techniques	Journal	Scopus	CSE	
31	Sangavi Srilaxmi, Dr.C. N. Ravi	MULTI-LAYER PERCEPTION FOR DRUG RECOMMENDATION SYSTEM BASED ON SENTIMENT ANALYSIS OF DRUG REVIEWS	Journal	UGC Care	CSE	
32	K.G.S.Venkatesan, Soumitra Das, K.Vijaya Babu	Optimised Ensemble Classification Model for Detecting Cyber Attacks	Journal	others	CSE	
33	K.Vijaya Babu, Dr.Harsh Pratap Singh, Dr. M. Laxmaiah	Relative Spectral algorithm based Voice Recognition Techniques	Journal	Scopus	CSE	
34	M.Prashanthi, G.Sumalatha	Software Defect Prediction Survey introducing innovations with multiple techniques	Conference	springer	CSE	
35	Md.Gulzar, Mohammed Azar, S. Kiran Kumar, B.Mamatha	Traffic Prioritization in Wired and Wireless Networks	Conference	Scopus	CSE	
36	Dr. Md. Rafeeq, N Navneetha, Dr. Chandra, M Bhargavi	VM Allocation Technique and Optimized Performance Improvement for the Cloud Architecture	Journal	Scopus	CSE	
37	Dr. Rajesh Tiwari	An Insight of Deep Learning Applications in Healthcare Industry	Book Chapter	Scopus	CSE (AI&ML)	
38	Dr. Rajesh Tiwari	Cross-Cultural Translation Studies in the Context of Artificial Intelligence: Challenges and Strategies	Conference	Scopus	CSE (AI&ML)	

39	Rajesh Tiwari	Privacy and Security Solution in Wireless Sensor Network for IoT in Healthcare System	Book Chapter	Scopus	CSE (AI&ML)	
40	Dr. Rajesh Tiwari , Mr. Mrutyunjaya S. Yalawar	An Approach for Enhancing Privacy and Protection in Decentralized Multi-Authority Characteristic-based on Encryption in Cloud Computing	International Journal of Recent Technology and Engineering(IJRTE)	Others	CSE (AI&ML)	CSE
41	Dr. Rajesh Tiwari, Dr. Sheo Kumar	InterCloud: Utility-Oriented Federation of Cloud Computing Environments Through Different Application Services	Conference	Scopus	CSE (AI&ML)	CSE
42	Dr. Rajesh Tiwari	Latest Advancement in Automotive Embedded System Using IoT Computerization	Green Computing and its Applications	Book Chapter	CSE (AI&ML)	
43	Dr. V. Sathiyasuntharam	Performance Evaluation of Artificial Intelligence Enabled Intrusion Detection System with Encryption Scheme for Network Security	International Journal of Scientific Development and Research (IJS DR)	Others	CSE (CS)	
44	S Phani Praveen, Dr V Sathiya Suntharam, Dr S Ravi, U.Harita	A novel dual confusion and diffusion approach for grey image encryption using multiple chaotic maps	Journal	Scopus	CSE (CS)	
45	Dr. V. Sathiyasuntharam	A Study of Feature Selection with Machine Learning based Decision Making Models for Parkinson's Disease Classification	International Journal of Scientific Development and Research	Others	CSE (CS)	
46	Ms. A. Anusha	Assimilation of Artificial Intelligence and Internet of Things for developing Smart Healthcare Applications for Disease Diagnosis: A Study	Mukt Shabd Journal	Others	CSE (CS)	

47	Dr. V. Sathiyasuntharam	Comparative Study of Metaheuristics Cluster based Routing Protocols for Energy Aware Wireless Sensor Networks	Journal of Emerging Technologies and Innovative Research (JETIR)	Others	CSE (CS)	
48	Dr.M.Vadivukarassi, R.P.Shanthi Rani, R.Reeja Igneshia Malar	IOT based Monitoring and Prediction of Diseases	Conference	Conference	CSE (CS)	CSE (AI&ML)
49	R.P.Shanthi Rani, Allimalli Durgabhavani, R.Reeja Igneshia Malar, Amit Kumar Singh	SMOTE: Credit Card Fraud Detection Using Supervised Machine Learning Methods	Journal	UGC Care	CSE (CS)	CSE (AI&ML)
50	Dr. Narendra Sharma, Dr. M. Laxmaiah, Prasad Bobbillapati	A Detection Model of Design and Development for the Cancer Patients	Journal	Scopus	CSE (DS)	
51	Dr. Rafath Samrin, Aluri Gopi, M S S Lakshmi Lavanya, K Swetha	and Sharing in Cloud Computing Environments by Using Cryptographic Algorithms	Journal	UGC Care	CSE (DS)	ECE
52	Dharavath Nagesh, Dr.Harsh Lohiya, Dr. Laxmaiah Mettu	A New Model Proposed for Merkle Tree Based Key Management in Cloud Computing	Journal	Scopus	CSE (DS)	
53	T Virajitha, Janga Rajendar, M S S Lakshmi Lavanya, Kommu Anusha	A Novel Framework for Early Intelligent Vulnerability Detection Algorithm for IoT Technology Environments	Journal	UGC Care	CSE (DS)	
54	Janga Rajendar, B Kumara swamy, D. Uma Visveshwar	A Novel Hybrid Algorithm for Effective Quality of Service using Fog Computing	Conference	Scopus	CSE (DS)	
55	Dr. M. Laxmaiah, B. Kumara Swamy	A Secure Land Registration system using smart contracts	Journal	Spinger	CSE (DS)	
56	Prasad. Bobbillapati, Narendra Sharma, Dr. M. Laxmaiah	Cancer Prediction Using Asom Based Datamining Technique	Journal	UGC Care	CSE (DS)	
57	Dharavath Nagesh, Dr. Harsh Lohiya, Dr. M. Laxmaiah	Cloud Data verification using Markle Hash Tree	Journal	UGC Care	CSE (DS)	
58	Dr. Toran Verma	EIGENFACE TECHNIQUE FOR FACE RECOGNITION	Neuro Quantology	Scopus	CSE (DS)	

59	K V V Sathya Trinadh Naidu, V. Sravani Kumari, Dr. Mahesh Kotha, M. Mounika, Dr G. Govinda Reddy	Improving Security for the Users Data by using Security Certification system in Cloud Computing	Journal	UGC Care	CSE (DS)	
60	G Vinoda Reddy, Potlacheruvu Archana, B. Kumara Swamy, Dr. Mahesh Kotha	Machine Learning Techniques to Improve Productive Planting in Agriculture Using Multi Valued Datasets and Classification Methods	Journal	UGC Care	CSE (DS)	
61	Dr. Toran Verma	Voice Mail System Using Machine Learning	Neuro Quantology	Scopus	CSE (DS)	
62	K. Durga Charan, Afreen Subuhi, Potlacheruvu Archana, Karnati Durga, B. Kumara Swamy	Wireless Sensors in IoT Based Agriculture by Using Block Chain Technology and Drones System	Journal	UGC Care	CSE (DS)	
63	J. Nirmal Jothi, S. Poongodi, V. Chinnammal, L. Kannagi, M. Panneerselvam, R. Thandaiah Prabu	AI Based Humanoid Chatbot for Medical Application	ICOSEC 2022	Conference	ECE	
64	R Pitchai, Bhasker Dappuri, P V Pramila, M Vidhyalakshmi, S Shanthi, Wadi B Alonazi, Khalid Almutairi, R S Sundaram, Ibsa Beyene	An Artificial Intelligence-Based Bio-Medical Stroke Prediction and Analytical System Using a Machine Learning Approach	Computational Intelligence and Neuroscience	SCI Journal	ECE	
65	Vani Kasireddy, Dr. Suman Mishra	An Efficient FPGA Based Convolutional Neural Networks by Fully Pipelined Accelerator	Conference	Scopus	ECE	
66	Somala Rama Kishore, V Suresh Babu, R Kumar, P S Ramaprabha	Bio Medical Waste Management System	AIP Conference Proceedings	Scopus Conference	ECE	
67	Bhasker Dappuri, M. Tamilselvi, E. Baburaj, S. Omkumar	Biosignal electrode based patient health monitoring system	AIP Conference Proceedings	Scopus Conference	ECE	
68	Bommi Reddy Prasanthi, D. Veeraswamy, Sravan Abhilash, K. Ganesh	Cloud-Fog Trustworthy Computing for Information Sharing in Dynamic IoT System	Conference	NA	ECE	
69	Somala Rama Kishore, Vani Kasireddy, Dr. Suman Mishra	Deep Learning Framework for Object Detection from Drone Videos	Conference	Scopus	ECE	

70	B Siva Kumar Reddy, B. Papachari, G. Pravalika, Kavitha P.	Design and Implementation of Novel FPGA Based LFSR for IOT and Smart Applications	Conference	N/A	ECE	
71	G S Uthayakumar, Bhasker Dappuri, M Vanitha, R Suganthi, V Savithiri, S Kamatchi	Design criteria for enhanced energy constraint MAC protocol for WSN	Measurement: Sensors	SCI Journal	ECE	
72	D Mary Pavani, Y Prasad	Design of programmable memory BIST using stochastic sobol sequence pattern generators	Conference	Scopus	ECE	
73	Mandapati Raja, Biroju Papachariy	Development and deployment of a mobile applications assistive device focused on Neuro-OCR with speech production	Conference	Scopus	ECE	
74	G. Suresh, Suman Mishra, D. Vijendra Babu	Embedded sensor based improved vehicle safety protection system for avoid accident	AIP Conference Proceedings	Scopus Conference	ECE	
75	Dr Akilandeshwari, Dr Vilas J Kharat, Dr. Jansirani, Dr. B Siva Kumar Reddy	Entrepreneurship and small business	Book	UGC Care	ECE	
76	Dr B Siva Kumar Reddy	Futuristic Trends in Network and Communication Technologies	Book	N/A	ECE	
77	Srinith Raavi, T. Satyanarayana	Implementation of High-Speed Hybrid Carry Select Adder using Binary to Excess-1 Converter	ICAISS	IEEE Conference	ECE	
78	Mylaram Nikitha, Divya Gampala	Implementation of Hybrid Median Filtering using Modified Data Comparator	Conference	Scopus	ECE	
79	Gaddameedi Karunakar, Biroju Papachary	Implementation of LFSR based Fast Error- Resilient Ternary Content-Addressable Memory	ICAISS	IEEE Conference	ECE	
80	G. Karunkar, Biroju Papachary	Implementation of LFSR based Fast Error-Resilient Ternary Content-Addressable Memory	Conference	Scopus	ECE	

81	Bhasker Dappuri	Implementation of Text Dependent Human Voice Recognition Using RSA Preprocessing with LPC-DWT Features	Journal of Fundamental & Comparative Research	SCI Journal	ECE	
82	S Radha Krishna Reddy, JBV Subrahmanyam, A Srinivasula Reddy	Improvement of Dynamic Performance in SEIG WECS by Using ANFIS Controller	Asian Journal of Convergence in Technology	others	ECE	
83	U. Arul, A Arul Prasath, Dr. Suman Mishra, Dr. S iris J Shirisha	IoT and Machine Learning Technology based Smart Shopping System	Conference	Scopus	ECE	
84	Divya Gampala, Allam Venkata Naga Mahesh,	Low power VLSI architecture for hamming encoder and decoder using verilog HDL	Conference	Scopus	ECE	
85	K Srinivas, L Singh, S R Chavva, Bhasker Dappuri, S Chandrasekaran, S Qamar	Multi-modal cyber security based object detection by classification using deep learning and background suppression techniques	Computers and Electrical Engineering	SCI Journal	ECE	
86	Kalpana Ganapuram, T. Sathyanarayana , K Vani	Novel method of Braille-Based system for visually Impaired People	Conference	Scopus	ECE	
87	K Subramanyam Chari, M Raja, Somala Rama Kishore	Raspberry Pi-Based Smart Mirror	Conference	Scopus	ECE	
88	Poongodi. S, Asoda Sunayana Rani	VLSI Implementation of Multi-Bit Error	Ratio Mathematica	others	ECE	
89	Buchibabu P, Subuddi Nagaraju, Dr. Uppala, Dr. C N Ko, Sravan Kothapalli	Whale Optimization Based Mppt of Single Stage Grid Connected PV System With HOO Controller	Conference	NA	ECE	
90	Dr.S.Rangaraju	A comparative analysis of English Textbooks of higher schools of Telangana state	International Journal of innovative research in Technology	UGC	H&S	
91	A. Divya, B. Shravani	A Note on “Shakespeare has no Heroes in his comedies	Journal of Engineering Sciences	UGC	H&S	

92	B. Shravani, A. Divya	A Study on Analysis of Jane Austins Reflection of multitude Hues of Feminism in her pride and Prejudice	Journal of Engineering Sciences	UGC	H&S	
93	Banothu Shankar, CH. Bhavani	A Study On Difficulties Faced by Non-American Students in English Communication	Journal of Engineering Sciences	UGC	H&S	
94	CH. Bhavani, Banothu Shankar	A Study on Impact of Gramitical on English Written Skills	Journal of Engineering Sciences	UGC	H&S	
95	Dr.S.Rangaraju	Content Analysis:A Flexible Approach to study the skill wise Strengths and Limitations	Gradiva Review Journal	SCOPUS	H&S	
96	Jayaprakash Rao Yerrabelly, Subbanarasimhulu Porala, Dr. K. V. Reddy ,Earrawandla Janapriya, Someshwar Rao sagruth	Design,synthesis,and activity of 2-aminochromone care N,N-bis-1,2,3-triazole derivatives using click chemistry	Springer	Scopus	H&S	
97	Dr.A.Ravikrishnan, Dr. K. V. Reddy	Engineering Chemistry	Sri Krishna Hitech publishing company	Book	H&S	
98	Dr.A.Ravikrishnan, Dr.K.V.Reddy	Engineering Chemistry Laboratory	Sri Krishna Hitech publishing company	Book	H&S	
99	S. Annareddygari, V. Kasireddy, J .Reddy	Synthesis of Novel Amide-Functionalized Imidazo[1,2-a]pyrimidin-5(1H)-ones and their Biological Evaluation as Anticancer agents	Russian journal of organic chemistry	Scopus	H&S	
100	Sumera Jabeen, Md. Abdul Wahed, Shaik Saidabi, Nadigotu Sravani	A Comparative Research on Machine Learning Algorithms for stock market prediction and recommendations	Conference	UGC Care	IT	
101	Dr.Madhavi Pingili, Dr.A.Arun Kumar	A Rising Tendency in humans farming and linking farmers to data science & IOT technology	Futuristic Trends in Computing Technologies and Data Sciences	Book Chapter	IT	

102	M. Kavitha, Ch. Radhika, T. Sarika	A Security Anti Collision of Data Sharing Computer Scheme in Dynamic cloud group	International Conference on Recent Innovations in Engineering & Information Technology	UGC Conference	IT	
103	Dr.S.Muni Sankaraiah, Dr.Madhavi Pingili, Dr.A.Arun Kumar	Artificial Intelligence, Machine Learning and Beyond	A Perspective of Python	Book Chapter	IT	
104	M. Jahir Pasha, Madhavi Pingili, K.Srenivasulu, M.Bhavsigh, Shaik Imam Saheb	Bug2 algorithm based data fusion using mobile element for IoT enabled wireless sensor networks	Science Direct	Scopus	IT	
105	Dr.Madhavi Pingili, M.Shankar Lingam, E.G.Rajan	Concentric Morphology Model in Detection of Masses from Mammogram	ICT Systems and Sustainability	Scopus Conference	IT	
106	Mettu.Jhansi Lakshmi, Gude.Usha Rani, Baireddy.SrinivasReddy	System for Self Quarantine using Cloud Serverbased IoT Approach	ICCCE	Conference	IT	
107	Madhavi Pingili, Prasanthi Gottumukkala	EFF klective Prediction model for detection in real time using deep learning techniques:Deep Auto Encoder	International Journal of Research and Analytical Reviews	UGC	IT	
108	Dr. Madhavi Pingili, Mrs. B. Mamatha	Fundus Image Processing for Glaucoma Diagnosis using Dynamic Support Vector Machine	Conference	Scopus	IT	
109	Dr.Madhavi Pingili	Study of certain Corona Family Related viruses based on Percentage Nucleotide concentration and Golden Ratios and a Novel Sonic Attack Technique to Deactivate all mutating viruses	London Journal Express	Scopus	IT	
110	Lakshmipathi Yerra	A Study on Active Learning Strategies - Implementation and Evaluation	Conference		Mech	

111	Dr. C. Syamsundar	Applications of Nanomaterials in Internal Combustion Engines	Conference		Mech	
112	Lakshmipathi Yerra	Study on the mechanical characteristics of aluminum metal matrix composites with tungsten carbide	Conference	Scopus	Mech	
113	Dr. C. Syamsundar	The Role of Global Engineers for Building the UN Sustainable Development Goals	Conference		Mech	