

5.3 Research Publications

Academic year	Journal Publications				Conference Publications	Total Publications
	SCI	SCOPUS	UGC	Total		
2024-25	95	122	4	221	111	332
2023-24	67	79	41	187	87	274
2022-23	49	45	4	98	54	152

List of publications during 2024 & 2025: 283

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
1	Sujana, C., Lalitha, R.V.S.	Exploring the Impact of Artificial Intelligence in Health Diagnosis	2025	Lecture Notes in Networks and Systems	0
2	Sai Poojitha, C., Phani Sridhar, A., Venkateswara Rao, C., Sai Subhash, U., Bhanu Kumar, C., Krishna Mohana, T.	A Learning Model on Customer Churn Forecasting for Telecom Providers	2025	Lecture Notes in Networks and Systems	0
3	Meenakshi, K., Kishore, D., Srinivasa Rao, C.	Enhanced Detection of Diabetic Retinopathy Through Transfer Learning with DenseNet-121 and XGBoost Classifier	2025	Lecture Notes in Networks and Systems	0
4	Chandramouli, Y.D., Anusha, R., Mangatayaru, J.P., Hasu, R.C., Mythili, Y., Yallapu, Y.	Bottom Bounce Analysis of Multipath Acoustic Propagation in Deep Water	2025	Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST	0
5	Laxmi Lydia, E., Ramesh, S.N.S.V.S.C., Denisovich, V., Gummadi, G.J., Cho, S., Acharya, S., Yoon, C.	African buffalo optimization with deep learning-based intrusion detection in cyber-physical systems	2025	Scientific Reports	3

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
6	Anil Kumar, R., Rajpoot, V.	Optimizing MIMO-GFDM for 5G and Beyond: A Joint Approach With Subcarrier Index Modulation and Constellation Precoding	2025	International Journal of Communication Systems	0
7	Reddy, V.S.N., Sai, B.N., Babu, A.S., Avinash, A., Rajesh, T.A., Manohar, A.V.S., Arif, A.	Smart Integration of Expandable Graphite in Composite Phase Change Materials for Optimized Electric Vehicle Battery Thermal Management	2025	Heat Transfer	0
8	Anil Kumar, R., Prasad, K.S.	An efficient PAPR reduction by using hybrid PTS-ESSA method for MIMO-GFDM wireless system	2025	Wireless Networks	1
9	Gangireddygari, C.M.R., Daidi, G.P., Gorantla, K.K., Chintala, M.K.	Investigating the static behavior of a 2D beam made from functionally graded materials using the finite element method	2025	AIP Conference Proceedings	0
10	Madhankumar, S., Lenin, V.R., Venkatachalam, V., Khalatkar, A., Singh, A.K., Chinamilli, N.V.S.S.	Exergy and environmental impact assessment of forced convection indirect solar drying system with Lauric acid thermal energy storage	2025	Journal of Energy Storage	2
11	Chandrashekhar, K.G., Kumar Bhoi, S.K., Srinivasan, D.R., Singh, A.K., Razak, K.A.	Structural integrity and morphology of glass fibre-aluminium foam epoxy sandwich composites	2025	Materialwissenschaft und Werkstofftechnik	0
12	Lalitha, R.V.S., Mouli, K.C., Rao, H.K., Sathish, G., Raghavendran, C.V., Bommala, H., Abass, H.M., Aman, J., Nijhawan, G.	Bibliographic analysis of data dissemination in vehicular ad hoc networks	2025	AIP Conference Proceedings	0

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
13	Nagireddi, S.K., Mouli, K.C., Priya, B., Ushasree, D., Kovvuri, N.B., Jhade, S., Hussaien, R., Awasthi, Y.K., Nagpal, A.	A novel approach to detect paddy crop diseases using deep learning	2025	AIP Conference Proceedings	0
14	Rajesh Yadav, R.Y., Balaji Gupta T, V.L.N.B.G., Mulushoa S, Y., Shanmukhi, P.S.V., Chohan, J.S., Mujasam Batoo, K.M., Ijaz, M.F.	Impact of Nd ³⁺ doping on Mg _{0.5} Zn _{0.5} Fe ₂ O ₄ nano- ferrite: structural, morphological, electrical resistivity, and magnetic properties	2025	South African Journal of Chemical Engineering	0
15	Meenakshi Reddy, R.M., Subashini, S., Singh, A.K., Srinivasan, D.R., Tiwari, S., Sahare, S.B., Arockiam, A.J., Dillibabu, S.P., Padmanabhan, R.G.	Mechanical, water absorption, and flammability behavior of coconut shell and jackfruit skin powder-reinforced bio- composites fabricated through fused deposition modeling	2025	International Journal of Materials Research	0
16	Gnananandarao, T., Naik, C.S., Onyelowe, K., Panwar, V.	Forecasting Bearing Capacity, Error Analyses and Parametric Analysis of Circular Footing Seating on the Limited Thick Sand-Layer with Eccentric-Inclined Load	2025	Civil Engineering Infrastructures Journal	0
17	Anil Kumar, R., Thirumala, S., Sreenivas, T., Patchala, S., Gollapalli, S.	PAPR reduction of GFDM signals using moving average filtering scheme for future wireless communications	2025	Sigma Journal of Engineering and Natural Sciences	1
18	Kumar, V.N., Nookaraju, M., Jella, K.S., Nalla, S.	Synthesis and Biological Evaluation of 1,3,4- oxadiazole ring incorporated (pyrimidin-5-yl)indolizine as Anticancer Agents	2025	Chemical Data Collections	1

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
19	Chandramouli, K., Raghavendra, V., Varma, P.V.S.K.P., Suryanarayana, B., Mammo, T.W., Parajuli, D., Taddesse, P., Murali, N.	Retraction note: Influence of Cr ³⁺ -substituted Co _{0.7} Cu _{0.3} Fe _{2-x} Cr _x O ₄ nanoferrite on structural, morphological, dc electrical resistivity and magnetic properties (Applied Physics A, (2021), 127, 8, (596), 10.1007/s00339-021-04750-z)	2025	Applied Physics A: Materials Science and Processing	0
20	Madhankumar, S., Arunkumar, D., Sumanth, C.M., Singh, A.K., Kotha, M.N.V.S.A.S., Ali, L.F.	Drying kinetics, mathematical modelling and colour analysis of an indirect solar dryer with latent heat storage unit for cucumber drying	2025	Solar Energy	4
21	Madhu, M., Rao, A.V., Shanmukhi, P.S.V., Chohan, J.S., Raju, M.K., Parajuli, D., Mulushoa, S.Y., Mammo, T.W., Samatha, K., Murali, N.	Comparative study of the synthesis, structural and magnetic properties of trivalent Al ³⁺ and Cr ³⁺ substituted NiZnCo ferrite nanoparticles	2025	Inorganic Chemistry Communications	2
22	Balguri, P.K., Latha, A., Kaur, L., Verma, R., Kumar, D.S., Ramasree, S., Krishna, A.R., Soudagar, M.E.M., Nagabhooshanam, N.	Characterization of vinyl silane–treated areca nut woven fiber and bronze filler toughened polyester composite	2025	Biomass Conversion and Biorefinery	4
23	Nandhini, V.L., Nagabhooshanam, N., G, B.M.R., Verma, R., Prasan, U.D., Aruna Kumari, S., Nookaraju, M.	Biosynthesis of ZrO ₂ from Phyllanthus niruri extracts and its PVA composite: mechanical, wear, dielectric, water absorption, and thermal conductivity properties	2025	Biomass Conversion and Biorefinery	1

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
24	Suryanarayana, B., Varma, P.V.S.K.P., Shanmukhi, P.S.V., Gnana Kiran, M.G., Murali, N., Mammo, T.W., Raghavendra, V., Parajuli, D., Mujasam Batoo, K.M., Hussain, S.	Retraction Note: Comparison of the effect of Cr ³⁺ substituted Co–Cu and Cu–Co nano ferrites on structural, magnetic, DC electrical resistivity, and dielectric properties (Journal of Materials Science_ Materials in Electronics, (2024), 35, 1, (93), 10.1007/s10854-023-11808-6)	2025	Journal of Materials Science: Materials in Electronics	0
25	Mouli, K.C., Lalitha, R.V.S., Raghavendran, C.V., Rao, H.K., Lakshmi, A.R., Sharma, D., Nijhawan, G.	Automatic Student Attendance System based on Face Recognition	2025	AIP Conference Proceedings	0
26	Ghanta, S., Chandrasekhar, C., Sravani, D., Tej, M.B., Tasqeeruddin, T., Kapavarapu, R.K., Ramesh Raju, R.R.	Design and Synthesis of Various Aryl Amide Derivatives of Imidazo[1,5-a] Pyridine-1,2,4-Thiadiazoles: In Vitro Cytotoxicity Evaluation and In Silico Molecular Docking Studies	2025	Chemistry and Biodiversity	0
27	Kirankumar, B., Mohan, K.S.S., Venkatesan, K., Das, S.R., Sharma, P.	Advancing Wire Electrical Discharge Machining of AISI P20+Ni Steel using Hybrid Deep Belief Neural Network-Search and Rescue Optimization Algorithm	2025	International Journal of Vehicle Structures and Systems	0
28	Krishna Mohan, G.S.S.S.S.V.K., Shaik, M.F., Babu, G.U., Prasanna, R.G.V., Rao, P.V., Raja, I.R.	Revolutionizing object recognition beyond CNN and YOLO with deep learning breakthrough	2025	Book Chapter	0
29	Jagadeeswara Rao, E.J., Grace Mercy, M.G., Jayaram Kumar, K.J., Mallavarapu, M., Ramya, K.S.	Optimizing FIR Filter Efficiency with Advanced Hybrid Multiplier Techniques	2025	Journal of Circuits, Systems and Computers	0

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
30	Prasad, K.R.K.V., Ravindra, R., Alajingi, A., Adireddy, A.	A multi-objective strategy for optimal DG and capacitors placement to improve technical, economic, and environmental benefits	2025	International Journal of Electrical Power and Energy Systems	16
31	Sreenivasulu, U., Fairouz, S., Anil Kumar, R., Patchala, S., Prakash Kumar, R.P., Adireddy, A.	Joint beamforming with RIS assisted MU-MISO systems using HR-mobilenet and ASO algorithm	2025	Digital Signal Processing: A Review Journal	5
32	Mohanasundaram, S., Kumar, G.C.S.S., Nagabhooshanam, N., Sharma, K., Rao, P.K.V., Pravallika, V.S., Shankar, M.S.	Electromagnetic interference shielding and mechanical and hydrophobic properties of papaya peel biocarbon and banana fiber–reinforced epoxy composite: synthesize and characterization	2025	Biomass Conversion and Biorefinery	6
33	Alemu, T.N., Venu, V., Cici Jennifer Raj, J., Nadh, S., Aragaw, M.M.	Investigating the Impact of Temperature Variations on the Load-Carrying Capacity of Plain Concrete Beams	2025	International Research Journal of Multidisciplinary Scope	0
34	Alaatabi, R.M.A., Nagabhooshanam, N., Mohan Raj G, B., Verma, R., Kumar, D.S., Bantu, B.T., Sravani, D.	Effect of vinyl silane–treated plant root waste biomass cellulose on pineapple fiber-vinyl ester composites: a characterization study	2025	Biomass Conversion and Biorefinery	0
35	Rezapour, S., Madhusudanan, V., Guerrini, L., Murthy, B.S.N., Srinivas, M.N., Etemad, S.	A study on the qualitative properties for effects of two delays on dynamical behaviors of HIV-AIDS-TB model	2025	Journal of Applied Mathematics and Computing	1
36	Seelam, N.R., Kolli, C.S., Chandol, M.K., Ravi Kumar, R.R., Ballela, R.K., Munaga, M.S.K.	HHFHNNet: Hybrid Deep Learning Network for Course Recommendation Using H-Matrix	2025	Transactions on Emerging Telecommunications Technologies	0

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
37	Rao, B.R.V., Shanmukhi, P.S.V., Mammo, T.W., Kothandan, D., Aregai, T., Desta, T., Kahsay, M., Hagos, G., Murali, N., Mujasam Batoo, K.M., Ibrahim, A.A.	Retraction Note to: Investigation effect of Cr ³⁺ substituted on enhanced dielectric and magnetic properties of co-cu nano ferrites for high-density data storage applications (Applied Physics A, (2024), 130, 6, (409), 10.1007/s00339-024-07569-6)	2025	Applied Physics A: Materials Science and Processing	0
38	Kunar, S., Jagadeesha, T., Mandal, G., Talib, N., Singh, A.K., Veeranjanyulu, I.	Photochemical machining	2025	Book Chapter	2
39	Srikanth, G., Raghavendran, C.V., Ramkumar Prabhu, M.R., Radha, M., Kumari, N.V.S., Francis, S.K.	Climate Change Impact on Geographical Region and Healthcare Analysis Using Deep Learning Algorithms	2025	Remote Sensing in Earth Systems Sciences	9
40	Pavani, B., Mandipudi, R., Gandhi, S.S.K., Sabarinath, P.M., Sunitha, Y.	Brain Tumor Classification of MRI Dataset Using Ensemble Learning with EfficientNetV2 and ViT-B16	2025	SSRG International Journal of Electrical and Electronics Engineering	0
41	Devi, E.R., Sravani, D., Alkhathami, A.G., Suresh, P., Sreenivasulu, R., Malladi, S., Srinivasadesikan, S.	Design, synthesis, in-vitro and in-silico anticancer studies on amide derivatives of 1,3,4-oxadiazole-isoxazol-pyridine-benzimidazole	2025	Chemical Papers	3
42	Vineetha, K.R., Bhargavi, K.N., Narasamba Vanguri, G.L., Mahilraj, J., Kannan, V.	FEATURE SELECTION AND CLASSIFICATION OF LEUKEMIC CELLS USING IOT AND MACHINE LEARNING	2025	Journal of Mechanics of Continua and Mathematical Sciences	0
43	Sikindar, S., Raghavendran, C.V., Madhavi, G.	Advancements In Pneumonia Analysis And Diagnosis Through Machine Learning And Deep Learning: Towards Early Detection And Clinical Decision Support	2025	Journal of Theoretical and Applied Information Technology	0

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
44	Koteswara Rao, K.R., Sangeetha, M., Uyyala, R., Sujana, C., Naresh, N., Macherla, S., Chandra Mohan, C.C.	THE MOST EFFECTIVE METHOD FOR FINDING REGULAR EXPRESSIONS IN DOCUMENT DATABASES	2025	Journal of Theoretical and Applied Information Technology	0
45	Shanmuga Priya, S.A.T., Srivastava, P., Srinivas, G.V.S., Banerjee, S., Fatehmulla, A., Halder, A.C.	Enhanced oxygen evolution reaction via CuO@N-doped carbon nanostructures: a facile synthesis and electrocatalytic investigation	2025	Research on Chemical Intermediates	1
46	Kanuri, V.R., Venkata Chandra Sekhar, K.V., Brahmanandam, P.S., Babu, A.R.	Poiseuille Flow of the Suspension of Gold Nanoparticles in Second-grade Fluid: Analytical Solutions	2025	CFD Letters	0
47	Chittaru, S., Duggirala, V.N.S.R.M., Sobhana Babu, R.S.B., Diddi, S.R., Appana, K.K., Nadikatla, R.	Mathematical Model for MHD Micropolar Fluid with Chemical Reaction towards an Exponential Curved Surface	2025	CFD Letters	1
48	Isleem, H.F., Qiong, T., Chukka, N.D.K.R., Kumar, R., Thotakura, T.V., Hamed, A.Y.	Machine learning and nonlinear finite element analysis of fiber-reinforced polymer-confined concrete-steel double-skin tubular columns under axial compression	2025	Structural Concrete	24
49	Venkatesh, B., Gandhimathi, G., Nagabhooshanam, N., Raghu Babu, G., Dhanesh Babu, S.D., Kishore, K.L., Vijay, K.M., Soudagar, M.E.M.	Effect of submicron pore sized waste coffee emesis biochar on glass-epoxy composite thermal interface material	2025	Biomass Conversion and Biorefinery	3

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
50	Srinivasan, D.R., Nagabhooshanam, N., Balamuruga Mohan Raj G, Verma, R., Kumar, D.S., Raffiunnisa, Gadipelli, G.	Characterization of PVA composites for EMI shielding using waste jackfruit husk biocarbon and Plectranthus amboinicus extracted cobalt nanoparticle	2025	Biomass Conversion and Biorefinery	9
51	Noorbasha, S.K., Gudivada, A.	VME-EFD : A novel framework to eliminate the Electrooculogram artifact from single-channel EEGs	2025	Biomedical Physics and Engineering Express	0
52	Sujatha, K., Dasari, K., Devi Kosuru, S.N.V.J.D., Nagireddi, S.K., Maithili, K., Krishnaveni, N.	ANOMALY DETECTION IN NEXT-GEN IOT:GIANT TREVALLY OPTIMIZED LIGHTWEIGHT FORTIFIED ATTENTIONAL CONVOLUTIONAL NETWORK	2025	Journal of Theoretical and Applied Information Technology	0
53	Gayatri, N., Chaithanya, D., Raghavendran, C.V., Malepati, P., Shyam Sunder Reddy, K.S., Kiran Kumar, M.K., Naresh, P.	SEER: SECURED ENERGY EFFICIENT ROUTING ALGORITHMS FOR ATTACKS IN WIRELESS SENSOR NETWORKS	2025	Journal of Theoretical and Applied Information Technology	0
54	Weiming, T., Isleem, H.F., Chukka, N.D.K.R., El-Hindi, K.	Investigating the compression behavior of concrete-filled double-skin steel elliptical tubular columns by a fusion of finite element analysis and machine learning	2025	Structural Concrete	0
55	Kumar, T.S., Siddani, D.P., Rao, I.R.S.N., Harika, P., Vijjapu, A., Prasanna Kumar, G.P., Satyanarayana, B.V.V.	Low Power Adder Circuit Design and Implementation Using Lector Technique	2025	Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST	1

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
56	Natrayan, L., Kaliappan, S., Swamy Nadh, V., Ramya, R., Balaji, V.	A Novel Approach for Integrating Virtual Reality in the Ergonomic Testing of Automotive Interior Designs	2025	SAE Technical Papers	0
57	Sridhar, A.P., Mohana, T.K., Ram, M.K., Sujana, C.	Smart Stick Assistive Technology for Blind or Visually Impaired Persons	2025	Advances in Science, Technology and Innovation	0
58	Mahalaxmi, U.S.B.K., Kumar, R.A., Ramaraju, N.N.S.V.	Segmentation of Cerebral MRI Images Using Fuzzy C-Means and Genetic Algorithm	2025	Advances in Science, Technology and Innovation	0
59	Surekha, S., Lalitha, R.V.S., Srikanya, M., Sri, S.J., Kinjagi, R., Keerthana, D.	Deep Reinforcement Learning Approach for Autonomous Vehicles to Cross Junctions	2025	Advances in Science, Technology and Innovation	0
60	Sravani, D.	A Review on Infectious Disease Management and Their Challenges	2025	Book Chapter	0
61	Sonnad, S., Sulaiman, R.B., Kareem, A., Shalini, S., Kishore, D., Jayasankar, J.	Pancreatic Cancer Detection Using Machine Learning and Image Processing	2025	Book Chapter	1
62	Roy, C.S., Parvathavarthini, K., Gomathi, M., Fatangare, M.P., Kishore, D., Suthar, A.	Brain Tumor Classification and Detection Using Machine Learning by Analyzing MRI Images	2025	Book Chapter	1
63	Mausam, K., Nagabhooshanam, N., Madhu, B., Banoth, R., Lavanya, V.U.P., Rajendran, A., Rajaram, A.	Enhancing energy harvesting efficiency from ambient sources through advanced materials and nanotechnology	2025	Global Nest Journal	6

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
64	Ramesh Babu, V., Abbaraju, V.D.N.K., Sreenivasulu, R., Sravani, D., Rangaswamy, S., Kapavarapu, R.K., H.Puranam, D., Farahim, F.	Design, synthesis, anticancer evaluation and molecular docking studies of different aryl derivatives of azaindole-pyrimidine-1,3,4-oxadiazoles	2025	Synthetic Communications	1
65	Sravani, G.M., Murali, N., Sekhar, B.C., Shanmukhi, P.S.V., Chohan, J.S., Mammo, T.W., Parajuli, D., Mijasam Batoo, K.M., Ijaz, M.F., Samatha, K.	Enhanced magnetic and electrical properties of Ba ₂ +doped BiFeO ₃ multiferroic materials	2025	Ceramics International	0
66	Gogineni, H.B., Paleti, B., Uma Sankar, U.S., Satyam, A., Beulah Rani, M., Prasad, K.L.	Unveiling the Influence: Detecting Drugged Eyes through Image Processing	2025	Book Chapter	0
67	Ganvir, H.V., Jonathan, B., Sangeet Kumar, K.S., Raju, V.P., Prabhakaran, K., Prajwal Hegde, N.	Validation of Size of Semiconductor Nano Material: Effect on Size and Shape	2025	Communications on Applied Nonlinear Analysis	3
68	Jain, A.K., Darunde, R.R., Srinivas, G.V.S., Agarwal, A., Singh, G., Monica, S.M.	A Mathematical Modelling for Three-Factor Quantum Biometric Authentication Using Machine Learning, Double-Layer Encryption, Cryptographic Algorithms	2025	Communications on Applied Nonlinear Analysis	0
69	Yumashev, A., Udayakumar, P., Ramesh, S.N.S.V.S.C., Laxmi Lydia, E., Kumar, K.V.	Role of Rough Neutrosophic Attribute Reduction with Deep Learning-Based Enhanced Kidney Disease Diagnosis	2025	International Journal of Neutrosophic Science	1

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
70	Nalinipriya, G., Suneetha, M., Mikhailova, M., Ramesh, S.N.S.V.S.C., Kumar, K.V.	Leveraging Double-Valued Neutrosophic Set for Real-Time Chronic Kidney Disease Detection and Classification	2025	International Journal of Neutrosophic Science	5
71	Ashok, K., Anu, P., Rajeswari, K.C., Lalitha, R.V.S., Tata, R., Kavitha, A.	Interactive robots for personalised multimodal comedy experiments	2025	Entertainment Computing	1
72	Hegde, S.K., Abbas, S.H., C, A., Singh, A.K., Sp, S., Ramamoorthy, P., A, A.	Intelligent water management via deep-IoT enabled precision agriculture	2025	Australian Journal of Electrical and Electronics Engineering	0
73	Khan, N., Sikrant, P.A., Vijjapu, A., Chitra, D., Kalyani, K., Reddy, P.C.S., Samrin, R.	Brain Tumor Classification Using Deep Learning with AdaBound from MR-images	2025	Recent Patents on Engineering	0
74	Raghavendran, C.V., Mouli, K.C., Hajari, M., Reddy, A.A.K., Reddy, V.S.N., Perumalla, J.R.	Ethereum Price Prediction Using Time Series and Deep Learning Techniques	2025	Applied Computational Intelligence and Soft Computing	0
75	Chinnasamy, P., Nirmala, V., Ramasubba Reddy, B.R.S., Rao, R.V.V.N.B., Udhayakumar, A., Degala, D.P.	Early Alzheimer's Disease Stage Identification and Categorization Through Deep Learning	2025	Conference	0
76	Pawar, S., Dongre, S., Kumar, N., Justin, Z., Bindu, K.H., Bhuvaneshwari, M.	Enhancing Security for Federated DRL-GAN Strategies in Energy-Efficient Wireless Sensor Networks	2025	Conference	0
77	Sunil, N., Gugulothu, G.	PRIVACY PRESERVING DATA MINING APPROACH FOR DATA PERTURBATION USING MACHINE LEARNING TECHNIQUES	2025	Journal of Environmental Protection and Ecology	0

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
78	Dhanalakshmi, M., Balasubramani, S., Ambikeswari, N., Naresh, M., Jogendra Kumar, M.J., Raja, R., Anto Spiritus Kingsly, A., Prasad, A.R., Philip, J.M., Rajaram, A.	IMPLEMENTING PRECISION AGRICULTURE TECHNIQUES TO IMPROVE SOIL QUALITY AND ENHANCE CLIMATE CHANGE ADAPTATION IN SEMI-ARID REGIONS	2025	Journal of Environmental Protection and Ecology	1
79	Reddy, T.V., Kandadi, R., Suresh, R., Arunkumar, G.A., Kalli, S.R., Srikar, D.	Design, modeling and comparative analysis of SRAM performance and functionality under the Subthreshold regime for various technologies	2025	Conference	0
80	Sree, G.V.N.B., Durga Prasad, Y.D.	A novel machine learning and deep learning feature for identification of cardiac arrhythmia from ECG — images	2025	Book Chapter	0
81	Anil Kumar, R., Vullam, N., Patchala, S., Prakash Kumar, R.P., Malleswari, P.N.	Implementation of AI-powered adaptive communication for differently abled people using LSTM	2025	Book Chapter	0
82	Kalyani, K., Meher, N.F., Afnaan, S., Divya, V.N.S.S., Meenakshi, C.	Deep enhance: Convolutional neural network-based enhancement of underwater images	2025	Book Chapter	0
83	Raghavendran, C.V., Phani, A.S.S.D.H., Lakshmi, M.V., Gayatri Nandini, U., Kumar, M.V.R.	Leveraging Apriori and Bi-LSTM networks to uncover complex purchase patterns in market basket analysis	2025	Book Chapter	0
84	Pradeep, M., Jyotsna, K.A., Ramachandran, R., Bolisetty, V.V., Yadav, G.R., Kanakaprabha, S.	Next-Gen Telehealth: A Low-Latency IoT and Edge AI Framework for Personalized Remote Diagnosis	2025	Conference	0

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
85	Imam, G., Keshavanagu, S., Mahesh Kumar, N.B.M., Singh, A.K., Suresh, R.V., Gharde, Y.R.	Financial Strategies for Talent Acquisition in AI-Powered Autonomous Vehicles Safety Projects	2025	Book Chapter	0
86	Singh, A.K., Kunar, S., Zubairuddin, M., Marxim Rahula Bharathi, B., Prasad, D.V.S.S.S.V., Yarrapragada, Y.K.S.S.	Evolution of Technology in Testing and Inspection of Welding: From Traditional to Modern Methods	2025	Book Chapter	0
87	Prasad, D.V.S.S.S.V., Singh, A.K., Marxim Rahula Bharathi, B., Rao, Y.K.S.S., Venkata Kamesh, V.V.	Machine Learning in Welding Technologies	2025	Book Chapter	0
88	Marxim Rahula Bharathi, B., Singh, A.K., Prasad, D.V.S.S.S.V., Adireddy, A., Elumalai, P.V., Balaji, N.S.	Ultrasonic Welding: Foundations, Influential Factors, and Material Applications	2025	Book Chapter	0
89	Kunar, S., Jagadeesha, T., Mandal, G., Talib, N., Sitaramamurty, A.S.S.M., Singh, A.K., Varma, K.R.	Developments and Trends in Welding Development	2025	Book Chapter	0
90	Kunar, S., Jagadeesha, T., Ujah, C.O., Talib, N., Mandal, G., Singh, A.K., Mohamed, A.	Introduction to Advanced Welding Processes	2025	Book Chapter	2
91	Prakash, V.J., Satyanarayana, V.L., Murugan, N.A., Raja, I.R., Dharavathu, K., Subani, S.M.	SIW-Based Compact Four-Port MIMO Antenna with Enhanced Isolation for Wireless Communications	2025	Progress in Electromagnetics Research M	0

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
92	Sudhakar, R.V., Haritha, P., Vamshi Krishna, V., Kalyani, K., Mithra, C., Palanisamy, K.C., Tayubi, I.A.	An Enhanced Lightweight Secure Authentication and Privacy-Preserving Approach for VANETs	2025	International Journal of Sensors, Wireless Communications and Control	0
93	Deena, G., Kavitha, K., Reddy, P.S., Kalpana Devi, M.K., Sridivya, R., Alagarsamy, M., Gupta, S., Rajaram, A.	MACHINE LEARNING APPROACH FOR PREDICTING ALTITUDE SICKNESS SUSCEPTIBILITY THROUGH PERSONALISED PRE-ACCLIMATISATION PROTOCOLS	2025	Journal of Environmental Protection and Ecology	3
94	Siva Madhulatha, R., Vinod, B., Baburao, B., Amosedinakaran, S., Palanisamy, P., Sudhakiran, P.	Preparation and Development of Polymer-Based Dielectric Composite: Influence of Agro-Waste Materials	2025	Book Chapter	0
95	Bhavana, K., Sumathi, R., Vanaja, K., Manjula, S., Srinivasulu, T., Divya, S.	Fruit Ripeness Detection using RipeNet	2025	Conference	0
96	Sravani, D., Machiraju, P.V.S., Ram Prasad, C.R., Chandrasekhar, C., Soujanya, B., Nookaraju, M., KanthiThilaka, J.M.K., Prasad, R., Devi, K.M., Kishore, Y.R.	SPECTROSCOPIC ANALYSIS OF GREEN LEAF EXTRACT OF PAPAYA WITH ZINC OXIDE NANO-COMPOSITES AND ITS ANTIBACTERIAL STUDIES	2025	Rasayan Journal of Chemistry	0
97	Arun, B., Brahmayya, M., Sreenivasulu, R., Sravani, D., Dodda, S., Kapavarapu, R.K., Krishnaswamy, S.	Rational Design and Synthesis of 1,2,3-Triazole Incorporated Oxazolo[5,4-d] Pyrimidine Derivatives: In-Vitro Cytotoxicity and In-Silico Molecular Docking Simulations	2025	Polycyclic Aromatic Compounds	0

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
98	Ramesh, S.N.S.V.S.C., Al Fardan, B.M.M., Anupama, C.S.S., Kumar, K.V., Cho, S., Acharya, S., Yoon, C.	Leveraging Cyberattack News Tweets for Advanced Threat Detection and Classification Using Ensemble of Deep Learning Models With Wolverine Optimization Algorithm	2025	IEEE Access	1
99	Mahalaxmi, U.S.B.K., Kala, I., Sagar, L.K., Thomas, N., Kaushal, A.K., Robert, N.R.	TRANSFER LEARNING TECHNIQUES AND APPROACHES FOR PREDICTIVE MODELING OF DISEASE OUTCOMES	2025	Informing Science	0
100	Prasad, M., Lakshmi, K., Jagadessh, B., Pokkuluri, P.K., Kumar, G.L.N.V.S., Ganesh, A.V.S.M., Rekha, M.L., Murty, C.S.V.V.S.N.	A NOVEL ALU USING DISTRIBUTED ARITHMETIC FOR REAL TIME SIGNAL PROCESSING APPLICATION	2025	Proceedings on Engineering Sciences	0
101	Ram Pavan Kumar, V.T.R.P., Maddineni, T., Satyanarayana, D., Jenin Prabhu, R.J., Karthik, K., Raju, K.B.	Efficient Diabetic Retinopathy Detection using CNNs and Transfer Learning for Feature Extraction and Classification	2025	Conference	2
102	Mohana, T.V., Narukulla, K., Shrinivasa, u., Naveen, C., Lalitha, R.V.S., Pattewar, T.	Big data and edge computing systems in digital healthcare records	2024	Book Chapter	0
103	Gudivada, A., Aasritha, D.	Design of a CAM Cell from SRAM Using HDL Memristor Logic Synthesizer	2024	Russian Microelectronics	0
104	L, L., Umashankar, M., Singh, A.K., Bhambere, V.L., Francis Xavier, L.F., Bhandari, R.	Mechanical and Wear Behavior of Aluminium Metal Matrix Composites Reinforced Ceramics Materials for Light Structures	2024	Journal of Mines, Metals and Fuels	2

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
105	Parajuli, D., Raju, M.K., Reddy, T.A., Shanmukhi, P.S.V., Ratnaraju, M., Chohan, J.S., Murali, N., Samatha, K., Ramesh, A., Manepalli, R.K.N.R.	Enhanced structural, magnetic, and dielectric properties in Cr ³⁺ -substituted Mg _{0.5} R _{0.5} Fe _{1.5} Cr _{0.5} O ₄ (R = Cu, Zn) ferrites	2024	AIP Advances	1
106	Srilatha, T., Malleswari, P.N., Durgachandramouli, Y., Subrahmanyeswara Rao, T.J.V.S., Ravi Sankar, M.	Leveraging Hybrid Precoding for Enhanced Terahertz Communication System	2024	International Journal of Electrical and Electronics Research	0
107	Veerendra, A.S., Lakshmi, K., Punya Sekhar, C.P., Kappagantula, S., Kadirgama, K., Sazali, N.	Implementation of Interleaved Converter for Fast Charging Stations	2024	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	0
108	Sravani, G.M., Murali, N., Sekhar, B.C., Shanmukhi, P.S.V., Chohan, J.S., Mammo, T.W., Parajuli, D., Mijasam Batoo, K.M., Ijaz, M.F., Samatha, K.	Correction to: Synthesis, structural, improved magnetic and electrical properties of Sr ²⁺ doped BiFeO ₃ multiferroic materials (Applied Physics A, (2024), 130, 11, (799), 10.1007/s00339-024-07972-z)	2024	Applied Physics A: Materials Science and Processing	0
109	Sailaja, M., Medapati, M.P., Jyothi, B.S., Vanguri, G.L.N., Manjula, S., Divya Priya, D.D.	Remote Sensing–Based UAV Imaging in Heat Pattern Analysis Impact on Climate Change Detection Using Fuzzy Stacked Lasso Elastic-Net Model	2024	Remote Sensing in Earth Systems Sciences	2

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
110	Suryanarayana, B., Nagasree, K.L.V., Shanmukhi, P.S.V., Chohan, J.S., Murali, N., Parajuli, D., Mammo, T.W., Mujasam Batoo, K.M., Ijaz, M.F., Samatha, K.	Impact of substituting Cu ²⁺ /Ce ³⁺ cations on the structural, magnetic and electrical properties of cobalt nano ferrites	2024	Ceramics International	2
111	Alapati, K.B., Sravani, D., Gouthamsri, S., Bbv, S., B, S., Nalla, S.	Design, synthesis and biological various aryl derivatives of (pyridin-4-yl) imidazo[1,5-a]pyridin-1- yl)oxazoles as anticancer agents	2024	Chemical Data Collections	7
112	Arulananth, T.S., Mahalakshmi, M., Kuppusamy, P.G., Palepu, N.R., Prabhakaran, N., Bharathi, C.R., BharathiDevi, B.	Analysis of Reason to Global Warming Based on Heat Pattern Using Hyperspectral Imaging: Artificial Intelligence Application	2024	Remote Sensing in Earth Systems Sciences	2
113	Priyadharshini, L., Dhanke, J.A., Patil, R.N., Swapna, B., Kalyani, K., Syamala, M., Deivasigamani, S.	Disaster Management Redefined: Integrating SVM- AE Techniques with Remote Sensing and Meteorological Data	2024	Remote Sensing in Earth Systems Sciences	3
114	Arif, A., Reddy, V.S.N., Srividya, K., Mallampalli, U.T.	Utilizing multilayer perceptron for machine learning diagnosis in phase change material-based thermal management systems	2024	Heat Transfer	3
115	Durairaj, M., Rubenraju, K., Krishna, B.V.R., Ab Yajid, M.S.A., Jackson, B., Babu, J.S., Padmavathi, K.L.	Sustainable Agriculture- Based Climate Change Training Models using Remote Hyperspectral Image with Machine Learning Model	2024	Remote Sensing in Earth Systems Sciences	4

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
116	Krishna Reddy, V., Radha, R., Siva Krishna Munaga, M., Karnam, B., Maddila, S.K., Kolli, C.S.	Deep learning-based credit card fraud detection in federated learning	2024	Expert Systems with Applications	18
117	Godla, S.R., Haro, J.M., Murty, C.S.V.V.S.N., Krishna, R.V.V.	Development of cloud selection supporting model for green information and communication technology services	2024	International Journal of Pervasive Computing and Communications	0
118	Rajesh, P., Rajendra, R., Ponugoti, P.G.	DEVELOPMENT AND EVALUATION OF A VERSATILE CONTROL SYSTEM IN AN ADAPTABLE MULTI-LEGGED ROBOT USING A MODIFIED PEAUCELLIER-LIPKIN MECHANISM	2024	Journal of Mechanics of Continua and Mathematical Sciences	0
119	Sravani, G.M., Murali, N., Sekhar, B.C., Shanmukhi, P.S.V., Chohan, J.S., Mammo, T.W., Parajuli, D., Mugasam Batoo, K.M., Ijaz, M.F., Samatha, K.	Synthesis, structural, improved magnetic and electrical properties of Sr ²⁺ -doped BiFeO ₃ multiferroic materials	2024	Applied Physics A: Materials Science and Processing	7
120	Suryanarayana, B., Ramanjaneyulu, B., Pandurangarao, K., Shanmukhi, P.S.V., Nagarjuna, M., Chohan, J.S., Murali, N., Parajuli, D., Mammo, T.W., Mugasam Batoo, K.M., Ijaz, M.F.	Improved DC electrical resistivity and magnetic properties of La ³⁺ -substituted Ni _{0.5} Co _{0.5} Fe _{2-x} La _x O ₄ (0.00 ≤ x ≤ 0.20) spinel ferrite systems	2024	Journal of the Indian Chemical Society	2
121	Ahasan, M., Chandramouli, D.S., Prasad, R., Pradeep, N., Shashikanth, C.	A Prediction Model Based on Simulation (FEA) and Response Surface Methodology (RSM) for Sintered Al–TiB ₂ Preforms	2024	Transactions of the Indian Institute of Metals	1

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
122	Mannepally, M., Thilagam, K., Pushpavalli, R., Buvaneswari, B., Harne, S., Rajani Kanth, T.V.	Exploring Deep Computational Intelligence Approaches for Enhanced Predictive Modeling in Big Data Environments	2024	International Journal of Computational and Experimental Science and Engineering	14
123	Nagabhooshanam, N., Sharma, G., Tripathi, M.A., Adak, M., Durgachandramouli, Y., Sudarvizhi, D., Rajaram, A.	Exploring the role of ecosystem based-adaptation in climate change mitigation and resilience building	2024	Global Nest Journal	4
124	Veerendra, A.S., Lakshmi, K., Punya Sekhar, C.P., Kappagantula, S., Sazali, N., Kadirgama, K.	Implementation of ANFIS-based UPQC for Power Quality and Thermal Management Enhancement in the Distribution System	2024	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	1
125	Jesus Mercy, S., Parajuli, D., Murali, N., Ramakrishna, A., Ramakrishna, Y., Veeraiah, V., Samatha, K.	Correction to: Microstructural, thermal, electrical and magnetic analysis of Mg ²⁺ substituted Cobalt ferrite (Applied Physics A, (2020), 126, 11, (873), 10.1007/s00339-020-04048-6)	2024	Applied Physics A: Materials Science and Processing	0
126	Hatti, I., Oggu, O., Nookaraju, M., Suresh, J., Aparna Seetharam, K., Ramesh Raju, R.R.	Rational design, synthesis, and anticancer evaluation of pyridine and substituted aryl linked 1,3,4-oxadiazole derivatives	2024	Results in Chemistry	6
127	Dara, R., Muvvala, P.	Fluid Flow and Thermal Characteristics of an Obtuse-Angled Trapezoidal Solar Air Heater Channel With Corner Modifications and Ribs on Absorber Plates	2024	Journal of Thermal Science and Engineering Applications	2
128	Ramakrishnan, K., L, L., Siva, K., Singh, A.K., Shastri, D.S., Johnson, P.	Examination of the Effects of Chemical Treatments on the Mechanical, Chemical, and Physical Characteristics of Hibiscus rosa-sinensis Plant Fiber	2024	Journal of Mines, Metals and Fuels	2

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
129	Anil Kumar, R., Adireddy, A., Patchala, S., Sreenivasulu, U., Prakash Kumar, R.P.	THE PERFORMANCE ANALYSIS OF PRECODED SPACE-TIME FREQUENCY MIMO-GFDM OVER RAYLEIGH FADING CHANNELS	2024	Journal of Mechanics of Continua and Mathematical Sciences	2
130	Chandramouli, K., Suryanarayana, B., Phanindhar Varma, P.V.S.K., Raghavendra, V., Emmanuel, K.A., Taddesse, P., Murali, N., Wagayehu Mammo, T., Parajuli, D.	Corrigendum to “Effect of Cr ³⁺ substitution on dc electrical resistivity and magnetic properties of Cu _{0.7} Co _{0.3} Fe _{2-x} Cr _x O ₄ ferrite nanoparticles prepared by sol-gel auto combustion method” [Res. Phys., 24 (2021) 104117] (Results in Physics (2021) 24, (S2211379721002734), (10.1016/j.rinp.2021.104117))	2024	Results in Physics	0
131	Reddy Gudla, U., Suryanarayana, B., Ragheevendra, V., Emmanuel, K.A., Murali, N., Taddesse, P., Parajuli, D., Naidu, K., Ramakrishna, Y., Chandramouli, K.	Corrigendum to “Optical and luminescence properties of pure, iron-doped, and glucose capped ZnO nanoparticles” [Res. Phys., 19 (2020) 103508] (Results in Physics (2020) 19, (S2211379720319604), (10.1016/j.rinp.2020.103508))	2024	Results in Physics	0
132	Palepu, N.R., Kumar, J., Peddakrishna, S., Ghosh, A.	Wideband meander-line-antipodal-vivaldi slot-antenna for millimeter-wave applications	2024	e-Prime - Advances in Electrical Engineering, Electronics and Energy	5
133	Nalla, N.B., Smriti, Bhaskar, C., Nagamalleswari, D., Halder, S., Kannan, M.	Harnessing biochar, biofuels, and solar cells: Transformative solutions for environmental impact	2024	Book Chapter	1
134	Edwin Deepak, F.X.E., Soni, S., Boddepalli, B., Singh, G.	A hybrid approach based economic assessment EV charging station powered by integrating solar PV and biomass	2024	Journal of Energy Storage	6

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
135	Adireddy, A., Hemalatha, N., Vishwakarma, S., Kumar, G.S.V.S., Srinivasan, V., Sudhakar, M.	The evolution of electric vehicle market dynamics	2024	Book Chapter	0
136	Raffik, R., Misra, P.K., Kolli, C.S., Krishna Reddy, V., Chandol, M.K., Shukla, S.K.	Classification of defective product for smart factory through deep learning method	2024	AIP Conference Proceedings	3
137	Rayalu, G.M., Farouq, K.M., Kolli, C.S., Torres-Cruz, F., Herrera, A.P., Muhammad, R.S.	A review on machine learning in agricultural sciences	2024	AIP Conference Proceedings	0
138	Karkar, M., Ganapa, J.R., Sravani, D., Noor, A.	Rapid Detection of Mycotoxins in Food Samples Using a Portable Bioanalytical Device	2024	Journal of Applied Bioanalysis	1
139	Singh, A., Nagabhooshanam, N., Kulshreshtha, K., Sharma, K., Kumar, P.R.	Exploring the Ecotoxicological Effects and Mitigation Strategies for Microplastics Pollution in Aquatic Ecosystems	2024	Global Nest Journal	1
140	Kaur, M., Nagabhooshanam, N., Sharma, P., Singh, S., Krishna, R.V.V.	Quantifying the carbon sequestration potential of different soil management practices aimed at increasing organic content in soil and reducing the usage of chemical inputs	2024	Global Nest Journal	0
141	Sharma, P., Nagabhooshanam, N., Singh, A., Khurana, M., Subbaraju, M.P.	Assessment of Innovative Technologies for Hazardous Waste Treatment and Remediation Review: A Sustainable Approach for Environmental Protection	2024	Global Nest Journal	1
142	Kumar, R., Nagabhooshanam, N., Bhatia, H.S., Sharma, P., Reddy, K.R.K.	Exploring the role of microbial fuel cells in sustainable wastewater treatment and energy generation	2024	Global Nest Journal	3
143	Naveen Kumar, V., Nookaraju, M.,	Rational design, synthesis, and anti-cancer evaluation of	2024	Results in Chemistry	2

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
	Jella, K.S., Eppakayala, L.	amide derivatives of 1,3,4-Thiadiazole benzimidazoles			
144	Alapati, K.B., Sravani, D., Sailaja, B.B.V., Birudaraju, B., Nalla, S.	Synthesis and biological evaluation of amide derivatives of isoxazole-imidazo[2,1-b]thiazole as anticancer agents	2024	Results in Chemistry	10
145	Suryanarayana, B., Nagasree, K.L.V., Shanmukhi, P.S.V., Chohan, J.S., Murali, N., Parajuli, D., Mammo, T.W., Mujasam Batoo, K.M., Ijaz, M.F., Samatha, K.	Effect of co-doping with Mg ²⁺ and Ce ³⁺ on the enhanced electrical and magnetic characteristics of cobalt nano ferrites	2024	Journal of Materials Science: Materials in Electronics	2
146	Rajpoot, V., Tripathi, V.S., Kumar, A., Krishna, R.V.V.	Cross-layer Design Based Common Data Channel Selection Scheme in Cognitive Radio Ad-hoc Network	2024	Wireless Personal Communications	2
147	Reddy, P.V.R., Sravani, D., Ramachandran, D., Bharath, P.	Design, synthesis and anticancer evaluation of chalcone functionality bearing benzothiazol-oxazole-pyrazine as anticancer agents	2024	Chemical Data Collections	14
148	Murthy, S.V.N., Bhargavi, K.N., Samson Isaac, S., N.Ganesh, E.	Automated Detection of Infection in Diabetic Foot Ulcer Using Pre-trained Fast Convolutional Neural Network with U++net	2024	SN Computer Science	0
149	Panigrahi, B.S., Nagabhooshanam, N., Prasad, K.D.V., Sathiya, D., Salunkhe, S.S., Kumar, P.D., Muthevi, M.A.	Novel nature-inspired optimization approach-based svm for identifying the android malicious data	2024	Multimedia Tools and Applications	3

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
150	Hemelatha, S., Gayathri, G.N., Thilagam, T., Rawat, S., Krishna, R.V.V., Kulkarni, P.H., Mohan, A., Mothukuri, R.	IMPROVING QUALITY OF SERVICE IN MOBILE ADHOC NETWORK BY DOING MISSING PACKET COLLECTION DUE TO BUFFER OVERFLOW WITH DIVIDE AND CONQUER STRATEGY	2024	Journal of Theoretical and Applied Information Technology	0
151	Hemelatha, S., Komala, C.R., Adavala, K.M., Faizz Ahmad, K.S., Krishna, R.V.V., Deepa, B., Mohan, A., Mothukuri, R.	ENHANCED ROUTING PROTOCOL IN MOBILE AD HOC NETWORK FOR IMPROVING THE PERFORMANCE	2024	Journal of Theoretical and Applied Information Technology	1
152	Hemelatha, S., Trupthi, M., Vaneeta, M., Das, N., Krishna, R.V.V., Thangakrishnan, M.S., Londhe, G.D., Anusha, P.	COMPARING WATCH DOG ALGORITHM AND CLASSIFICATION TECHNIQUES WITH MACHINE LEARNING TECHNIQUE TO DETECT THE VARIOUS ATTACKERS IN MOBILE ADHOC NETWORK	2024	Journal of Theoretical and Applied Information Technology	1
153	Tirlangi, S., Paul, A., Shanmugam, A., Singh, A.K., Suresh, R.	Study on joining challenges in friction stir welding of composite materials	2024	Book Chapter	1
154	Kanuri, V.R., Venkata Chandra Sekhar, K.V., Brahmanandam, P.S., Medinty, S.S.M.K., Srinivas, K.V.R.	Analytical Solution of the Poiseuille Flow of Second- grade Blood Nanofluid: Comparison of Alumina, Graphene and Copper Nanoparticles	2024	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	0
155	Sushma, T., Narkedamilli, S., Chunduru, M.R.A.O., Lakshmi, V.S., Balu Narasimha Rao, G.B.N., Kandukuri, P.	DEEP LEARNING BASED MALWARE DETECTION	2024	Journal of Theoretical and Applied Information Technology	1

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
156	Kanuri, V.R., Venkata Chandra Sekhar, K.V., Brahmanandam, P.S., Ramanaiah, J.V.	ANALYTICAL SOLUTIONS OF POISEUILLE FLOW OF SECOND-GRADE FLUID	2024	Journal of Naval Architecture and Marine Engineering	4
157	Singh, M.K., Kishore, D., Anil Kumar, R.	Accent Recognition of Speech Signal Using MFCC-SVM and k-NN Technique	2024	Evergreen	2
158	Kalidindi, K.K., Murty, C.S.V.V.S.N., Kanaparthi, S.K., Godavari, A., Saikumar, K.	Multi-Dimensional Machine Intelligence Technique on High Computational Data for Bigdata Analytics	2024	SSRG International Journal of Electrical and Electronics Engineering	0
159	Rupa Venkateswara Rao, B.R.V., Shanmukhi, P.S.V., Mammo, T.W., Kothandan, D., Aregai, T., Desta, T., Kahsay, M., Hagos, G., Murali, N., Mujasam Batoo, K.M., Ibrahim, A.A.	Investigation effect of Cr ³⁺ substituted on enhanced dielectric and magnetic properties of co-cu nano ferrites for high-density data storage applications	2024	Applied Physics A: Materials Science and Processing	4
160	Nithya, D., Madhusudanan, V., Murthy, B.S.N., Geetha, R., Xuan-Mung, N.X., Dao, N.-N., Cho, S.	Delayed dynamics analysis of SEI2RS malware propagation models in cyber-Physical systems	2024	Computer Networks	10
161	Sunil, N., Gugulothu, G.	Image-based random rotation for preserving the data in data mining process	2024	Signal, Image and Video Processing	0
162	Hemelatha, S., Komala, C.R., Faizz Ahmad, K.S., Krishna, R.V.V., Muruganandam, S., Muthuvairavan Pillai, N.M., Anusha, P., Gunjal, M.	Novel Routing Protocol Reduce End to End Delay by Introducing the Delay Computation Table Mobile Adhoc Network	2024	SSRG International Journal of Electronics and Communication Engineering	1

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
163	Rajesh, P., Rajendra, R., Ponugoti, P.G.	EVOLUTION AND ANALYSIS OF SINGLE-DEGREE-OF-FREEDOM WALKING MECHANISMS IN LEGGED ROBOTS: A BIBLIOMETRIC STUDY	2024	Journal of Mechanics of Continua and Mathematical Sciences	0
164	Kiran, A., Salunkhe, S.S., Srinivas, B., Vanitha, M., Ahmed, M., Ramesh, J.	Accelerating autonomous vehicle safety through Real-Time Immersive virtual reality gaming simulations	2024	Entertainment Computing	3
165	Khan, K.A., Murthy, B.S.N., Madhusudanan, V., Srinivas, M.N., Zeb, A.	Hopf-bifurcation of a two delayed social networking game addiction model with graded infection rate	2024	Chaos, Solitons and Fractals	4
166	Kothandan, D., Prasad, M.S.N.A., Shanmukhi, P.S.V., Mammo, T.W., Jagadeeswara Rao, D.J.	Effect of synthesis on structural, vibrational, and electrical properties of $Ba_{1-x}Ca_xCe_{0.8}Nd_{0.2}O_{3-\delta}$ (BCCN, $0 \leq x \leq 0.01$) synthesized by sol-gel auto combustion method	2024	Applied Physics A: Materials Science and Processing	4
167	Raju, M.K., Shanmukhi, P.S.V., Reddy, G.U., Murali, N., Mammo, T.W., Kahsay, M., Hagos, G., Aregai, T., Swarnalatha, B., Prajuli, D., Samatha, K.	Physical characterization, magnetic interactions and DC electrical resistivity properties of La^{3+} substituted $NiZnCd$ nano ferrites	2024	Inorganic Chemistry Communications	10
168	Hemelatha, S., Nagaraj, J., Krishna, R.V.V., Manikandan, S., Maheswari, E.U., Kuchipudi, R., Phaneendra Maguluri, L.P., Kayalvili, S.	IMPROVING THE CROSS-LAYER FUNCTIONALITY TO OVERCOME THE COLLISION IN MOBILE ADHOC NETWORK	2024	Journal of Theoretical and Applied Information Technology	0

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
169	Reddy, N.M., Vamsee Kiran, T.V., Kranthi Kumar, I.K., Reddy, K.R.K., Srinivas, C., Divya, K.	Optimizing Capacitor Placement in Distribution Systems Under Variable Loading Conditions with Golden Jack Optimization (GJO)	2024	International Journal of Electrical and Electronics Research	6
170	Ajay, C.H., Durga Rani, K.	Sustainable use of ferrochrome slag and quarry dust composite as cement-bound layers of flexible pavement	2024	Global Nest Journal	2
171	Isleem, H.F., Chukka, N.D.K.R., Bahrami, A., Kumar, R., Hamah Sor, N.H.	Nonlinear finite element and machine learning modeling of tubed reinforced concrete columns under eccentric axial compression loading	2024	Alexandria Engineering Journal	26
172	Palepu, N.R., Kumar, J., Peddakrishna, S.	Meander Line Super-Wideband Radiator for Fifth-Generation (5G) Vehicles	2024	Vehicles	2
173	Sravani, G.M., Murali, N., Beera, B.C., Shanmukhi, P.S.V., Kothandan, D., Mammo, T.W., Parajuli, D., Mijasam Batoo, K.M., Hussain, S., Samatha, K.	Improved magnetic and electrical properties of Bi _{1-x} CaxFeO ₃ multiferroic nanomaterials	2024	Journal of Materials Science: Materials in Electronics	6
174	Murthy, B.S.N., Srinivas, M.N., Madhusudanan, V., Zeb, A., M Tag El Din, E.M., Etemad, S., Rezapour, S.	The impact of Caputo-Fabrizio fractional derivative and the dynamics of noise on worm propagation in wireless IoT networks	2024	Alexandria Engineering Journal	6
175	Mammo, T.W., Gebresilassie, T.A., Shanmukhi, P.S.V., Teklehaimanot, B.T., Murali, N., Mijasam Batoo, K.M., Hussain, S.	Study of structural, electrical and magnetic properties of co-substituted Co _{1-2x} Ni _x Mg _x Fe ₂ O ₄ (0 ≤ x ≤ 0.25) nanoferrite materials	2024	Applied Physics A: Materials Science and Processing	14

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
176	Priyanka, T.P., Reji, R., Narla, V.L., Selvakumarasamy, K., Miya, J., Mahajan, Y.V.	Quantum-inspired adaptive loss detection and real-time image restoration for live optical quantum image transmission	2024	Optical and Quantum Electronics	1
177	Shankar, B.B., Udhayamoorthi, M., Latha, Y.M., Lalitha, R.V.S., Prakash, A., Vijayan, V.P.	Robust fuzzy logic schemes for cooperative spectrum sharing in 5G networks with uncertain channel conditions	2024	Computers and Electrical Engineering	3
178	Rajesh Yadav, R.Y., Balaji Gupta T, V.L.N.B.G., Kothandan, D., Shanmukhi, P.S.V., Mammo, T.W., Murali, N.	Structural investigation, magnetic and DC electrical resistivity properties of Co _{0.5} -xNi _x Zn _{0.5} Fe ₂ O ₄ nano ferrites	2024	Inorganic Chemistry Communications	14
179	Subbarao, M., Dasari, K., Duvvuri, S.S., Prasad, K.R.K.V., Narendra, B.K., Murali Krishna, V.B.	Design, control and performance comparison of PI and ANFIS controllers for BLDC motor driven electric vehicles	2024	Measurement: Sensors	46
180	Gopal, S.R., Prabhakar, V.S.V., Venneti, V., Praveen, N., Kumari, T.S., Bhavani, M.D.	A comprehensive survey on IoT development modules and its applications	2024	AIP Conference Proceedings	0
181	Venneti, V., Praveen, N., Devi, K.N.V.R., Bhavani, M.D.	Detection of liveness by fusing ECG and fingerprint	2024	AIP Conference Proceedings	1
182	Satish, G., Prakash, V.N.S., Rao, B.M., Bigul, B.S.K.	An overview of object tracking in video surveillance using image processing techniques	2024	AIP Conference Proceedings	0
183	Gayathri, M.S., Preethi, V.	Study: Cryptography for information security	2024	AIP Conference Proceedings	2

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
184	Chinnam, R.K., Nagendra Babu, K.V.V., Srinivas, B., Satyam, A., Tatayyanaidu, G., Polamuri, S.	Enhancing IoT Security and Efficiency with DPOS Enabled Blockchain and IPFS Integration	2024	Conference	0
185	Dankan Gowda, V., Irshad, M.A., Arockia Mary, P.A., Durga Prasad, Y.D., Prasad, K.D.V., Tarigonda, H.	Machine Learning-driven Quality Control Strategies for Industrial IoT Applications	2024	Conference	1
186	Sridhara, S.V.K., Elisha Raju, B.E., Charitha, G.S., Sharon, B.R., Mowlika, P.S.S.N., Chandra, K.R.	Advancing Biomedical Imaging Through High-Resolution Image Segmentation and Computational Modelling Using Convolutional Neural Networks	2024	Conference	2
187	Babu, G.S., Phani Varma, K.P., Gorji, K., Kammampati, V.R., Rao, K.P., Konakalla, E.P.	An Efficient Battery Monitoring system for Electrical Vehicles based on Arduino	2024	Conference	1
188	Vinti, S.L.K., Panduri, B., Khedkar, V., Ketha, M.B., Lakshmanarao, A., Srivalli, T.	Advanced Hybrid Transfer Learning Approaches for Autism Spectrum Disorder Detection Using Facial Features	2024	Conference	1
189	Vijetha, K., Rokkala, U., Dumpala, L.	Role of Additive Manufacturing in IoT Medical Devices	2024	Book Chapter	0
190	Srilakshmi, G., Naidu, P.A., Pilli, D., Kumar, S.S., Pulugu, D., Roshini, R.S., Shuaib, M.	ENHANCING CROP PRODUCTIVITY WITH ADVANCED SENSOR-DRIVEN IRRIGATION SYSTEMS	2024	Journal of Environmental Protection and Ecology	0
191	Kumari, G.V., Raju, K.C.N., Prasanna, Y.S., Kaivalya, M., Kumar, M.P., Gorji, K.	Facial Recognition through Enhanced Access Control System with OTP Verification	2024	Conference	0

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
192	Vetrithangam, D., Kumar, N.P., Arya, N., Tiwari, A., Jaya Raju, G.J., Srinivas, G.V.S.	Predictive Analysis of Liver Disease Using Random Forest Machine Learning Algorithm	2024	Conference	0
193	Geddam, G., Dharmaraju, G., Kumar, G.P., Babu Ketha, M., Lakshmanarao, A.	Exploring Deep Learning Approaches for News Classification with CNNs, RNNs and Transformers	2024	Conference	1
194	Gayatri Sarman, K.V.S.H.G., Sukanya, G., Srilatha, T., Sridhara, S.V.K., Rao, B.S.S., Phani Sai Kumar, N.V.	An Intelligent Robot for Environment Monitoring based on IoT	2024	Conference	1
195	Thakre, N.K., Nimma, D., Turukmane, A.V., Singh, A.K., Rohatgi, D., Bangaru, B.	Dynamic Path Planning for Autonomous Robots in Forest Fire Scenarios Using Hybrid Deep Reinforcement Learning and Particle Swarm Optimization	2024	International Journal of Advanced Computer Science and Applications	4
196	Mohammad, A., Eswari, G.S., Kumari, P.R., Lakshmanarao, A., Mouli, D.C.	A Hybrid CNN-RNN Model for Enhanced Pneumonia Detection using X-Ray Imaging	2024	Conference	2
197	Amudalapalli, M.V.P., Leena, N.M., Sridhara, S.V.K., Sailaja, L., Bhavani, D., Rao, C.K.	Implementation of FIR Filter Using Wallace Reduction Tree For High Speed Application	2024	Conference	0
198	Raghavendran, C.V., Siddhardha, A.S.A., Sameeunnisa, M., Lakshmi, S.J.S., Surya, M.J.V.	Optimizing Leaf Disease Detection in Agriculture using Deep Learning	2024	Conference	0
199	Balaji, T., Sharmila, K.S., Sree, B.T., Satyanarayana, K., Balasubramanyam, K., Chandra, K.R.	Image Generation using Deep learning based Vector Autoencoders	2024	Conference	0

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
200	Nadaf, A.B., Reddy, S.S., Sanwal, R., Thulasimani, T., Satyanarayana, K.K.V., Krishnaraj, M.	An Efficient Method for Empowering engineering students through employability skills Based on New A-ResNet-LSTM Model	2024	Conference	0
201	Yadav, S., Kumar, S., Maity, A., Bhimaraju, P.S.D., Subbaraju, M.P., Avikal, S.	Optimal Design of Isolated Microgrid for Remote Location in India	2024	Conference	1
202	Rajasekar, P., Tiwari, P.P., Sharmila, L., Garg, A., Srinivas, R., Tallapragada, V.V.S.	Enhanced Condition Monitoring of Low Voltage Motors in Harsh Environments with Ladybug Beetle Optimization and Context-Aware Graph Convolutional Networks	2024	Conference	0
203	Lalitha, R.V.S., Sujana, C., Narla, V.L., Sridivya, R., Muthevi, M.A., Manjula, D.V.	Optimizing Feature Selection Process Through Variation Inflation Factor for Air Pollution Analysis	2024	Conference	0
204	Dankan Gowda, V., Palanikkumar, D., Suganthi, N., Malleswari, A.S., Thapa, S., Tanguturi, R.C.	A Comprehensive Study on Drones and Big Data for Supply Chain Optimization Using a Novel Approach	2024	Conference	1
205	Koppaiyan, K.R., Arora, A., Goud, D., Ambika, K.S.B., Sandeep, V., More, P.	The Future of Smart Factories: Real-Time Automation and Big Data Analytics on the Cloud	2024	Conference	0
206	Mohankumar, K., Pugazhenthir, R., Khan, N.H., Srinivas, G.V.S., Parthiban, A., Karthick, M., Alotaibi, M.A., Majumder, H.	Experimental investigation of the friction stir welding process of AA5059 and AA7079 and prediction using fuzzy approach	2024	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	1
207	Kadam, S.S., L, L., Khasimbee, K., Waykar, Y.,	Harnessing Machine Learning Approaches for Accurate Energy Demand Forecasting in the Power Sector	2024	Conference	0

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
	Vikram, G., Salyan, S.				
208	Madhava Rao, M.R., Mangamma, D., Suri, V.K., Swamy, S.V., Mohammad, A., Shariff, V.	Securing Asymmetric Key Cryptography in 6G Wireless and Mobile Environments: A Comprehensive Review and Proposed Hybrid Cryptosystem	2024	Conference	7
209	Dankan Gowda, V., Arockia Mary, P.A., Ramanan, S.V., Kumar, N.M.G., Kumar, P.S., Abdullah, I.	Image Processing Techniques for Detecting Steel Defects with MATLAB and Machine Learning	2024	Conference	4
210	Kottala, K.S., Suganthi, N., Dankan Gowda, V., Hanumantharao, A., Srinivas, V., Kavitha, R.	Big Data-Driven Strategies for Growth in 3PL with Advanced IT Solutions	2024	Conference	3
211	Kottala, K.S., Franklin Jino, R.E., Dankan Gowda, V., Ravindra Murthy, C.R., Prasad, V.V., Srinivas, V.	A Novel Approach to Social Sustainability with Machine Learning and the Best Worst Method in Manufacturing	2024	Conference	3
212	Bhardwaj, D., Nagabhooshanam, N., Kumari, B., Kumar, D.S., Ramana, K.V., Rajaram, A.	Natural Self-Purification of Creek Ecosystems: The Role of Foam Formation in Pollutant Absorption and Microbial Decomposition	2024	Global Nest Journal	0
213	Prasad, M., Raja Rao, R.P.B.V., Murty, C.S.V.V.S.N., Sushma, N., Babu, V.R., Naidu, V.N., Lakshmi, K., Pokkuluri, P.K.	Currency Denomination Recognition using Deep Learning: A Comprehensive Study on Indian Currency with Convolutional Neural Networks	2024	Conference	1

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
214	Kollem, S., Peddakrishna, S., Josephson, P.J., Cheguri, S., Srilakshmi, G., Lakshmana, Y.R.	An Effective PDE-based Thresholding for MRI Image Denoising and H-FCM-based Segmentation	2024	International Journal of Experimental Research and Review	1
215	Peddinti, A.S., Kalyani, K., Preethi, V., Raju, D.M., Kumar, S.	Multi-Modality Image Fusion Approach for Identifying Brain Tumors	2024	Conference	0
216	Vijetha, K., Lingaraju, D., Geeri, G., Santhosh Reddy, V., Reddy, M.P.K.	Fabrication of microchannel heat sink using additive manufacturing technology: A review	2024	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	4
217	Thamaraiselvi, D., R. M., R.M., Nagabhooshanam, Ramkumar Prabhu, M.R., Prasad, K.D.V., Suresh, G., Anil Kumar, R., Sivaraman, R.	CLOUD-BASED HUMAN AUTHENTICATION THROUGH SCALABLE MULTIBIOMETRIC IMAGE SENSOR FUSION	2024	Journal of Environmental Protection and Ecology	2
218	Dasarathy, A.K., Tamil Selvi, M., Chanthirasekaran, K., Nagabhooshanam, N., Sivaraman, R., Mukund, C.S., Uma Maheswara Rao, P.	EXPLORING THE FEASIBILITY OF DISTRIBUTED LEDGER TECHNOLOGY FOR TAMPER-PROOF LOGGING IN MANETS: CHALLENGES AND SOLUTIONS	2024	Journal of Environmental Protection and Ecology	0
219	Selvam, N., Mane, A., Srilakshmi, G., Rajavel, A., Murugesan, S., Chipade, A.M., Bhoopathy, V.	EXPLORING INNOVATIVE APPROACHES FOR INTEGRATED WATER RESOURCE MANAGEMENT IN ARID REGIONS: ENHANCING RESILIENCE TO CLIMATE CHANGE AND WATER SCARCITY	2024	Journal of Environmental Protection and Ecology	0

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
220	Sekhar, J.C., Balajee, J., Godla, S.R., Rao, V.S., Baker El-Ebiary, Y.A.B., Kaur, C.	Maximizing Learning Outcomes through Fuzzy Inference System and Graph Theory Based on Learning Analytics	2024	Journal of Advances in Information Technology	1
221	López Paredes, C.R., García, C., Onyelowe, K., Zúñiga Rodríguez, M.G., Gnananandarao, T., Andrade Valle, A.I., Velasco, N., Herrera-Morales, G.C.	Evaluating the impact of industrial wastes on the compressive strength of concrete using closed-form machine learning algorithms	2024	Frontiers in Built Environment	2
222	Rao, V.S., Balakrishna, R., Baker El-Ebiary, Y.A.B., Thapar, P., Saravanan K, K.A., Godla, S.R.	AI Driven Anomaly Detection in Network Traffic Using Hybrid CNN-GAN	2024	Journal of Advances in Information Technology	19
223	Sreelakshmi, G., Arivarasan, S., Prasad, S.V.G.V.A., Saikumari, N., Kumari, K.V., Vidya, A.	Improving Brain Stroke Diagnosis with SHAP-Enhanced Predictive Models	2024	conference	2
224	Kholiya, D., Rachel, M., Arivarasan, S., Sukumar, P., Jayaram Kumar, K.J., Aswini Devi, T.A.	A Novel Integrated System for Forest Fire Detection using Multiple Adaptive Reduced KELM Models	2024	conference	0
225	Narla, V.L., Suresh, G., Sahu, A.K., Kollati, M.	A Watermark Challenge: Synthetic Speech Detection	2024	Book Chapter	2
226	Padmanabhan, P., Punitha, N., Vijetha, K., Baskar, S., Shamprasshaath, S.V., Seikh, A.H., Ifseisi, A.A., Sharma, A.	Effect of Graphite Nanoadditives on the Behavior of a Diesel Engine Fueled with Pyrolysis Fuel Recovered from Used Plastics	2024	ACS Omega	8

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
227	Anil Kumar, R.	A low complexity enhanced squirrel search algorithm for reduction of peak to average power ratio in OFDM systems	2024	International Journal of Communication Networks and Distributed Systems	0
228	Malleswari, P.N., Hanuman, C.R.S., Kammampati, V.R., Swathi, S., Elisha Raju, B.E.	Deep Learning based DWT-Bi-LSTM Classifier for Enhanced Cardiovascular Arrhythmia Classification	2024	International Journal of Electrical and Electronics Research	0
229	Anil Kumar, R., Prakash Kumar, R.P., Patchala, S., Sreenivasulu, U.	Performance of MIMO-GFDM scheme for Future Wireless Communications	2024	Conference	3
230	Singh, J., Rani, S., Srilakshmi, G.	Towards Explainable AI: Interpretable Models for Complex Decision-making	2024	Conference	11
231	Murari, R., Rayapudi, S.R.	Multi-Objective Placement and Sizing of multiple DGs and DSTATCOMs in Unbalanced Distribution Network using CPSOS Approach.	2024	Conference	0
232	Siddiqui, A.H., Swetha, V.P., Chowdhary, H., Krishna, R.V.V., Muniyandy, E., Phaneendra Maguluri, L.P.	Harnessing Big Data: Strategic Insights for IT Management	2024	International Journal of Advanced Computer Science and Applications	2
233	Sharma, P., Nagabhooshanam, N., Kumar, R., Sharma, K., Vani, S.	Exploration of composting strategies for sustainable organic waste management in urban environments	2024	Global Nest Journal	1
234	Narla, V.L., Suresh, G., Lalitha, R.V.S., Vinod Kumar, M.	An Intelligent System for Audio Splicing Forgery Detection Using MFCC	2024	Lecture Notes in Electrical Engineering	0
235	Ramya Swetha, R., Selvaprakash, S., Angadi, S., Swamy Nadh, V., Cici Jennifer Raj, J.	Forecasting Compressive Strength of M30 Grade Self-Compacting Concrete Utilizing Artificial Neural Networks with Agricultural Waste Incorporation	2024	Nanotechnology Perceptions	0

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
236	Ramana Murthy, B.S.N.V., Veluri, V.R.	Federated Learning Approach Based on the MFCC for Speech Emotion Recognition	2024	Book Chapter	1
237	Chandra, M.R., Jaya Raju, G.J., Ravi Tez, L.A.D., Lakshmaji, K.	Estimating Human Life Expectancy through Sentiment Analysis, Population-based Optimisation, and Machine Learning Models	2024	Book Chapter	0
238	Ghosh, S.S., Chattopadhyay, S., Krishna, R.V.V., Mahapatra, R.K., Das, A., Das, S.	Measurement of Very Small Variation of Effective Resistance of MOSFET Deputed in Active Microgrid Inverter Operation	2024	Journal of Nano- and Electronic Physics	0
239	Mouli, K.C., Raghavendran, C.V., Bharadwaj, V.Y., Vybhavi, G.Y., Sravani, C., Vafaeva, K.M., Deorari, R., Hussein, L.	An analysis on classification models for customer churn prediction	2024	Cogent Engineering	6
240	Chekuri, Ch., Tripathi, G., Sridivya, R., Yamuna, V., Supriya, N., Lakshmanarao, A.	An Efficient Churn Prediction model using ML supervised and semi supervised Learning Techniques	2024	Conference	0
241	Preethi, T., Choudalla, S.R., Govathoti, S., Rajasri, K., Shareef Mohsen, K.S., Bhanu Prakash, D.B., Saikumar, K.	The Future of Multimedia: Micro Facial Recognition in Advanced Systems	2024	Conference	1
242	Mouli, K.C., Raghavendran, C.V., Ch, C., Ushasree, D., Priya, B., Vatin, N.I., Negi, A.S.	Performance analysis of linear and non-linear machine learning models for forecasting compressive strength of concrete	2024	Cogent Engineering	3

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
243	Alijoyo, F.A., Pradhan, R., Neelamegam, N., Ahamad, S.S., Rao, V.S., Godla, S.R.	Predictive Maintenance Optimization in Zigbee-Enabled Smart Home Networks: A Machine Learning-Driven Approach Utilizing Fault Prediction Models	2024	Wireless Personal Communications	6
244	Vijendra Kumar, D., Kammampati, V.R., Tapasvi, B., Indira Priyadarsini, K., Konakalla, E.P., Killamsetti, H.K.	Real-Time Object Recognition with Voice Feedback for Visually Impaired Based on Raspberry Pi	2024	Conference	2
245	Sreekala, K., Sridivya, R., Kondala Kameswara Rao, N.K.K., Mandal, R.K., Gummadi, G.J., Lakshmanarao, A.	A hybrid Kmeans and ML Classification Approach for Credit Card Fraud Detection	2024	Conference	9
246	Ghyasuddin Hashmi, S., Balaji, V., Ayoobkhan, M.U., Shabbir Alam, M., Anil Kumar, R., Nishant, N., Prasad Patra, J., Rajaram, A.	Machine Learning-Based Renewable Energy Systems Fault Mitigation and Economic Assessment	2024	Electric Power Components and Systems	9
247	Sharma, T., Desidi, N.R., Kaur, C., Godla, S.R., Salini, R., Gopi, A., Baker El-Ebiary, Y.A.B.	Federated Convolutional Neural Networks for Predictive Analysis of Traumatic Brain Injury: Advancements in Decentralized Health Monitoring	2024	International Journal of Advanced Computer Science and Applications	6
248	Aserkar, A.A., Godla, S.R., Baker El-Ebiary, Y.A.B., Krishnamoorthy, M., Ramesh, J.	Real-time Air Quality Monitoring in Smart Cities using IoT-enabled Advanced Optical Sensors	2024	International Journal of Advanced Computer Science and Applications	6
249	Nalajala, N., Shailaja, D.K., Kandukuri, P., Krishnamoorthy, M., Rao, V.S., Godla, S.R.	Enhancing IoT Network Security: ML and Blockchain for Intrusion Detection	2024	International Journal of Advanced Computer Science and Applications	10

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
250	Rao, V.S., Shirisha Reddy, S., Mishra, A., Salini, R., Godla, S.R., Bedair, K.	Unveiling Spoofing Attempts: A DCGAN-based Approach to Enhance Face Spoof Detection in Biometric Authentication	2024	International Journal of Advanced Computer Science and Applications	4
251	Stella Maragatham, R.S., Baker El-Ebiary, Y.A.B., Srilakshmi, V., Sridharan, K., Rao, V.S., Godla, S.R.	Enhancing HCI Through Real-Time Gesture Recognition with Federated CNNs: Improving Performance and Responsiveness	2024	International Journal of Advanced Computer Science and Applications	0
252	Rao, A.J., Rajababu, M.R., Durgarao, G., Kumar, G.P., Lakshmanarao, A.	Innovative Way of Identifying Skin Cancer Model Design with FCNN and LSTM	2024	Conference	6
253	Waghe, P.U., Kumar, A.S., Prasad, A.B., Rao, V.S., Thenmozhi, E., Godla, S.R., Baker El-Ebiary, Y.A.B.	Blockchain-Enabled Cybersecurity Framework for Safeguarding Patient Data in Medical Informatics	2024	International Journal of Advanced Computer Science and Applications	4
254	Kale, M.R., Deepa, P., Anil Kumar, N.A., Anantha, N.L., Rao, V.S., Godla, S.R., Thenmozhi, E.	Enhancing Cryptojacking Detection Through Hybrid Black Widow Optimization and Generative Adversarial Networks	2024	International Journal of Advanced Computer Science and Applications	1
255	Kumar, K.V., Dileep Kumar, Y.D., Godla, S.R., Al Ansari, M.S., Baker El-Ebiary, Y.A.B., Muniyandy, E.	Enhancing Water Quality Forecasting Reliability Through Optimal Parameterization of Neuro-Fuzzy Models via Tunicate Swarm Optimization	2024	International Journal of Advanced Computer Science and Applications	3
256	Prabhakara Rao, T.P., Patnala, S., Raghavendran, C.V., Laxmi Lydia, E., Lee, Y., Acharya, S., Hwang, J.-Y.	Oppositional Brain Storm Optimization with Deep Learning Based Facial Emotion Recognition for Autonomous Intelligent Systems	2024	IEEE Access	9

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
257	Deshmukh, A.A., Krishna, R.V.V., Salman, R., Sandhiya, S., Balajee, J., Pilli, D.	Employing a Hybrid Convolutional Neural Network and Extreme Learning Machine for Precision Liver Disease Forecasting	2024	International Journal of Advanced Computer Science and Applications	0
258	Jayakumar, V.M., Rajakumari, R., Padmini, K., Godla, S.R., Baker El-Ebiary, Y.A.B., Ponnuswamy, V.	Elevating Neuro-Linguistic Decoding: Deepening Neural-Device Interaction with RNN-GRU for NonInvasive Language Decoding	2024	International Journal of Advanced Computer Science and Applications	2
259	Singh, S., Subburaj, V., Sivakumar, K., Anil Kumar, R., Muthuraman, M.S., Rastogi, R., Patil, V., Rajaram, A.	Optimum Power Forecasting Technique for Hybrid Renewable Energy Systems Using Deep Learning	2024	Electric Power Components and Systems	29
260	Parajuli, D., Murali, N., Shanmukhi, P.S.V., Samatha, K.	Optical and antibacterial activity analysis of pure, Fe-doped, and glucose-capped transparent semiconducting nanoparticles of cadmium and zinc oxides	2024	AIP Advances	0
261	Kandi, V.V.R., Kishore, J., Kaivalya, M., Ravi Sankar, M., Matsa, N., Phani Sai Kumar, N.V., Venkateswara Rao, C.	Comparison of Acoustic Channel Characteristics for Direct and Multipath Models in Shallow and Deep Water	2024	Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST	4
262	Kandi, V.V.R., Rajesh, P., Sridhara, S.V.K., Nalam, P.U.V.S.N.P.K., Rao, B.S.S., Ravi Sankar, M., Venkateswara Rao, C.	Transmission Losses Due to Surface Reflections in Deep Water for Multipath Model	2024	Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST	3
263	Durgachandramouli, Y., Sailaja, A., Josephson, P.J., Prasad, T.N., Prasad, K.E., Ravi Sankar, M.,	Analysis of Acoustic Channel Characteristics in Shallow Water Based on Multipath Model	2024	Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications	3

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
	Venkateswara Rao, C.			Engineering, LNICST	
264	Suryanarayana, B., Phanidhar Varma, P.V.S.K.P., Shanmukhi, P.S.V., Gnana Kiran, M.G., Murali, N., Mammo, T.W., Raghavendra, V., Parajuli, D., Mugasam Batoo, K.M., Hussain, S.	Comparison of the effect of Cr ³⁺ substituted Co–Cu and Cu–Co nano ferrites on structural, magnetic, DC electrical resistivity, and dielectric properties	2024	Journal of Materials Science: Materials in Electronics	14
265	Venkata Suresh, B., Srinivasa Rao, G., Rajesh Yadav, R.Y., Balaji Gupta T, V.L.N.B.G.	Exploration of the structural, magnetic, and DC electrical resistivity characteristics of nanoparticles consisting of Sm ³⁺ substituted NiCuZn spinel ferrite	2024	Inorganic Chemistry Communications	3
266	Rambabu, C., Aruna, B., Shanmukhi, P.S.V., Gnana Kiran, M.G., Murali, N., Mammo, T.W., Parajuli, D., Choppa, P., Himakar, P., Narayana, P.V.	Effect of La ³⁺ /Cu ²⁺ and La ³⁺ /Ni ²⁺ substitution on the synthesis, magnetic and dielectric properties of M-type Sr _{1-x} La _x Fe _{12-x} M _x O ₁₉ (M = Cu and Ni) hexaferrite	2024	Inorganic Chemistry Communications	16
267	Karthik, T.S., Kamalakkannan, D., Murugesan, S., Prasad Patra, J., Ala Walid, M.A.A., Chenchireddy, K., Syed Musthafa, S.M., Jagadish Kumar, B.	Experimental Methodology to Optimize Power Flow in Utility Grid with Integrated Renewable Energy and Storage Devices Using Hidden Markov Model	2024	Electric Power Components and Systems	1
268	Padaliya, K., Kumar, U., Kumar, D., Pandiri, J., Kandari, B., Sati, M.M.	Medical Data Processing using IoT and Distributed Computing	2024	Conference	0

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
269	Dankan Gowda, V., Reddy, P., Kumar, P.S., Singh, M., Kishore Babu, K.K.	Integrating AI and Machine Learning Into Supply Chain and Marketing: A Strategic Approach	2024	Book Chapter	0
270	Vaithianathan, V., Shastri, D.S., Velu, V., Misba, M., Kumar, P.S., Sampath, S.	NEP Policy Implementation Strategies in Education in India	2024	Book Chapter	7
271	Aniskumar, M., Kumar, P.S., Madhu, B.K., Prabakar, D., Mickle Aancy, H.	New Policies in National Board of Accreditation Processes for Advancing Indian Higher Education	2024	Book Chapter	0
272	Khedkar, V., Sreenivasu, M., Vinti, S.L.K., Naidu, K.B.R., Lakshmanarao, A., Kancharla, R.	Malware Classification Using Genetic Algorithm Based Feature Selection and Machine Learning Techniques	2024	Conference	0
273	Gaonkar, G.V., Kumar, S., Thangarasu, N., Mahajan, V., Ramana Murthy, B.S.N.V., Sharma, D.	Investigating Boiling Heat Transfer in Extreme Environments from the Deep Sea to Outer Space	2024	Conference	0
274	Mohammad, F., Sharma, G., Khandelwal, K., Arif, A., Sree Vani, M.S., Sathyanarayana, C.	Development of a Predictive Model for Kidney Stone Formation Using Deep Learning Techniques	2024	Conference	0
275	Rath, M.K., Karthi, R., Roopalatha, N., Rao, A.H., Thulasimani, T., Ali Khan, P.M.D.	Analyzing Job Interview Performance Prediction using Graph Features and Convolutional Neural Networks	2024	Conference	0
276	Swathi, S., Vanaja, K., Vaisalini, B., Sowmya, N., Jayaram Kumar, K.J., Pathi, M.V.	Low Power FPGA Implementation of ECG monitoring in WBAN	2024	Conference	0

S.No	Authors	Title of the paper	Year of publication	Journal / Conference / Book Chapter	Citations
277	Dankan Gowda, V., Tanguturi, R.C., Srinivas, I.V., Kumari, T.S., Chandak, S., Sudhakar Reddy, N.S.	A Novel IoT Framework for Smart Agriculture Using Machine Learning Algorithms	2024	Conference	0
278	Biswas, P., Akarsha, D.P., Sathishkumar, J., Raj, S.A., Kumar, Y.S., Kalra, G.	Enhancing Enterprise Resource Planning Sustainability with Adaptive CNN-Ensemble Techniques	2024	Conference	0
279	Akula, A., Sultana, S., Mahaboobsubahan, G., Chanthirasekaran, K., Reddy, M.S.K.	Internet of Things Based Identification of Fault in Back Channel Cable	2024	Conference	0
280	Chapala, Y., Sridivya, R., Vullam, N., Babu, V.D., Lakshmanarao, A., Pratyusha, V.	An Efficient Model for Brain Tumor Classification Through Transfer Learning Approaches	2024	Conference	2
281	Satheesh, N., Vasukidevi, G., Rao, N.R., Anthoniraj, S., Vadrevu, R., Venkatesan, K.G.S.	An Automated live Streaming and Uploading Video Recording Assistance System Using Real-Time Based Object Detection, Tracking, Audio Recognition Techniques	2024	Conference	0
282	Latha, Y.L.M., Rabbani, S., Manike, C., Gami, S.J., Kumar, M.K., Katta, S.K.R.	The Role of AI and Machine Learning in the Evolution of 5G and Beyond Networks	2024	Conference	2
283	Bala Sindhuri, B.S., Singh, S., Tata, S., Manasaveena, T., Bolisetty, V.V., Sadguna Kumari, V.	Development of a Verilog- Based System for Pattern Detection Using Convolutional Neural Networks	2024	Conference	0