3.4.5 Bibliometrics of the publications during the year based on average Index in Scopus/Web of Science/Pub

S.No	Department	Title	Year	Author(s)	Journal	Cited by
1	Department of Humanities and Science	Novel Oxo-5-(trifluoromethyl)quinazolinyl Amide Derivatives, Their Anticancer Activity and Docking Interactions	2024	Sr. Pandiri S. K. Konda ,B. K. Chennuri , P. Akarapu, M	Russian Journal of General Chemistry	0
2	Department of Computer Science and Engineering	Enhancing query relevance: leveraging SBERT and cosine similarity for optimal information retrieval	2024	K. Venkatesh Sharma ., Pramod Reddy Ayiluri ., Rake	International Journal of Speech Technology	0
3	Department of Electronics and Communication Engineering	Arduino-Based Footstep Power Generation using Piezo - Electric Material	2024	Sukanya K.;Prashanth A.;Sravani R.;Vienala S.;Ganga	E3S Web of Conferences	0
4	Department of Computer Science and Engineering	Machine Learning for Genomic Expression Classification-Based Phenotype Prediction in Topological Data Analysis	2024	Narender M.;Mohsin K.S.;Ragunthar T.;Papasani A.;A	Journal of Machine and Computing	0

5	Department of Computer Science and Engineering	Optimizing Financial Decision Support Systems with Machine Learning Driven Recommendations	2024	Amit Sharma ., J. Amutharaj ., N. Sankar Ram ., M. N	International Journal of Sensors, Wireless Communications and Control	0
6	Department of Information Technology	Attention Based Isolation Forest Integrated Ensemble Machine Learning Algorithm for Financial Fraud Detection	2024	M. Dhasaratham ., Zaid Ajzan Balassem ., Jyothi Bob	International Conference on Intelligent Algorithms for Computational Intelligence Systems, IACIS 2024	0
7	Department of Information Technology	Integration of Clinical and Imaging Data for Enhancing Oral Cancer Detection Using Deep Learning	2024	M. Shakila ., M. Dhasaratham ., N. Naga Saranya ., A	International Conference on Intelligent Algorithms for Computational Intelligence Systems, IACIS 2024	0
8	Department of Computer Science and Engineering	FROM DATA TO KNOWLEDGE FUNDAMENTALS OF DATA SCIENCE	2024	VEMPATI KRISHNA	FROM DATA TO KNOWLEDGE FUNDAMENTALS OF DATA SCIENCE	0

9	Department of Physics	Enhancement of microstructure-based magnetic, electronic, and lattice contribution in a CoNiAl ferromagnetic shape memory alloy	2024	Md. Sarowar Hossain and B. Rajini Kanth and P.K. M	Surfaces and Interfaces	0
10	Department of Computer Science and Engineering	Machine Learning Approaches for Diabetes Prediction: Comparative Analysis and Pre-processing Insights	2024	ASRao,PVKRao, Aarti	2024 8th International Conference on Inventive Systems and Control (ICISC)	0
11	Department of Electronics and Communication Engineering	'Gysel Power Divider Miniaturization Using an Inter-Digital Capacitor-Based Slow-Wave Structure '	2024	'Kumar, Mukesh Kumar, Abhinav Sah, Parimal Kum	Lecture Notes in Electrical Engineering	0
12	Department of Computer Science and Engineering	ADAPT: an AI-Driven approach for arrhythmia detection in diabetic patients	2024	Mokesh Rayalu G.;Radhika K.S.R.;Anitha Kumari D.;B	International Journal of System Assurance Engineering and Management	0

	Department	Title	Year	Authors	Journal	Citations
13	Department of Computer Science and Engineering	Distributed private preserving learning based chaotic encryption framework for cognitive healthcare IoT systems	2024	Shaik Abdul Nabi and Ponugoti Kalpana and N. Subh	Informatics in Medicine Unlocked	0
14	Department of Computer Science and Engineering	Survey on IoT using big data	2024	Jyothi M	IJESAT	0
15	Department of Computer Science and Engineering	DAN: a Deep Broad Learning Technique for Emotion Classification in Textual / Speech Conversations	2024	V.Pavani	DAN: a Deep Broad Learning Technique for Emotion Classification in Textual / Speech Conversations	0
16	Department of Electrical and Electronics Engineering	Power distribution system reliability evaluation using weight-optimised ANN approach	2024	Kaduru R.;Mercy P.;Srinivas G.N.	Multimedia Tools and Applications	0

	Department	Title	Year	Authors	Source	Citations
17	Department of Computer Science and Engineering	Early Identification of Depressive Symptoms in Big Textual Datasets	2024	NoorAlleema N.;Rajyalakshmi P.;Geetha R.;Manglara	2nd IEEE International Conference on Advances in Information Technology, ICAIT 2024 - Proceedings	0
18	Department of Computer Science and Engineering	Air Quality Decentralized Forecasting: Integrating IoT and Federated Learning for Enhanced Urban Environmental Monitoring	2024		Engineering, Technology and Applied Science Research	0
19	Department of Computer Science and Engineering	Android Malware Detection Using Genetic Algorithm Based Optimized Feature Selection and Machine Learning	2024		Lecture Notes in Electrical Engineering	1
20	Department of Computer Science and Engineering	ENERGY EFFICIENT ROUTING USING SUPPORT VECTOR MACHINE IN WIRELESS SENSOR NETWORKS	2024		Journal of Theoretical and Applied Information Technology	0

21	Department of Computer Science and Engineering	Low light color balancing and denoising by machine learning based approximation for underwater images	2023	Aparna. K	Journal of Intelligent and Fuzzy Systems	0
22	ECE	Signal Integrity Assessment of GNRFET-Based Ternary Logic for Multi Layered GNR Interconnects with Dielectric Insertion	2023	Kumar M.G.;Rajeswari M.;Agrawal Y.;Chandel R.	ECS Journal of Solid State Science and Technology	0
23	Department of Computer Science and Engineering	Expert system for smart farming for diagnosis of sugarcane diseases using machine learning	2023	Atheeswaran A.;Raghavender K.V.;Chaganti B.N.L.;M	Computers and Electrical Engineering	11
24	Department of Computer Science and Engineering	The Effective Quantitative Analysis for Brain Tumor Diagnosis Using an Efficient Deep Learning Algorithm	2023	Radhika K.S.R.;Kumari D.A.;Pachala S.;Jayaprada S.;C	International Journal on Recent and Innovation Trends in Computing and Communication	0

25	Department of Information Technology	Age Classification for work sustainability using SVM using Co-occurrence features on Fibonacci Weighted Neighborhood Pattern Matrix	2023	P. Chandra Sekhar Reddy ., K.S.R.K. Sarma ., T. Raghu	E3S Web of Conferences	0
26	Computer Science & Engineering	A Novel Approach for Classification of melanoma Skin Lesion Using Deep Convolutional Neural Network	2023	P.Srinivas Reddy , KMV Madan Kumar	Eur. Chem. Bull	0
27	Computer Science & Engineering	Deep Learning Use Rice Leaf Disease Detection	2023	K.Shravya Reddy, K M V Madan Kumar	Mukt Shabd Journal	0
28	Department of Electronics and Communication Engineering	FinFET Process Technology for RF and Millimeter Wave Applications	2023	Theja A.;Vikas A.;Panchore M.;Cecil K.	RF Circuits for 5G Applications: Designing with mmWave Circuitry	0

29	Department of Computer Science and Engineering	A Tumor Classification Algorithm Utilizing Extreme Gradient Boosting	2023	Ch. Sita Kameswari, Rashmi V, K.S.R. Radhika, T.Sant	2023 IEEE International Conference on Integrated Circuits and Communication Systems, ICICACS 2023	0
30	Department of Computer Science and Engineering	Estimating the Effects of Voice Quality and Speech Intelligibility of Audio Compression in Automatic Emotion Recognition	2023	A. Pramod Reddy ., Dileep kumar Ravikanti ., Rakesh	International Journal of Image, Graphics and Signal Processing	0
31	Department of Information Technology	Brain Tumor Prediction using Adaptive Connected Component based GLCM and SVM Method	2023	A. Srinivasa Reddy ., R. Raja ., N. Satheesh ., R. Muru	International Journal on Recent and Innovation Trends in Computing and Communication	1
32	Department of Electronics and Communication Engineering	FinFET Process Technology for RF and Millimeter Wave Applications	2023	Theja, A., Vikas, A., Panchore, M. and Cecil, K.	RF Circuits For 5G Applications	0

33	Department of Electronics and Communication Engineering	Realization of high-speed logic functions using heterojunction vertical TFET	2023	Vikas Ambekar ., Meena Panchore .,	Applied Physics A: Materials Science and Processing	4
34	Department of Electronics and Communication Engineering	Performance Investigation of GaSb/Si Heterojunction Based Gate Underlap and Overlap Vertical TFET Biosensor	2023	A. Theja ., Meena Panchore .,	IEEE Transactions on Nanobioscience	3
35	Department of Computer Science and Engineering	Deep Spectral Time-Variant Feature Analytic Model for Cardiac Disease Prediction Using Soft Max Recurrent Neural Network in WSN-IoT	2023	M. Safa1 · A. Pandian1 · Gouse Baig Mohammad2 · S	Journal of Electrical Engineering & Technology	0
36	Department of Information Technology	Certain Investigations of MEMS for Optimised Sensor Coverage	2023	Abolfazl Mehbodniya ., Muruganantham Rajamanick	Lecture Notes in Networks and Systems	0
37	Mechanical Engineering	Bi-axial behavior of glass/epoxy pipe subjected to internal pressure	2023	Abdul Mateen Mohammed .,	Materials Research Proceedings	0

38	Department of Physics	Structure, microstructure and magneto-elastic property study on Co40Ni29Al31 ferromagnetic shapememory alloy ribbon	2023	B. Rajini Kanth ., Md. Sarowar Hossain ., P.K. Mukho	Materials Today: Proceedings	0
39	Department of Physics	A nanostructured Al-doped ZnO as an ultra-sensitive room-temperature ammonia gas sensor	2023	Bantikatla Himabindu ., N. S. M. P. Latha Devi ., Poth	Journal of Materials Science: Materials in Electronics	12
40	Department of Computer Science and Engineering	The Effective Quantitative Analysis for Brain Tumor Diagnosis Using an Efficient Deep Learning Algorithm	2023	Dr. K.S.R. Radhika , Dr. D. Anitha Kumari	International Journal on Recent and Innovation Trends in Computing and Communication	0
41	Department of Computer Science and Engineering	A CASE STUDY ON PROJECT ANALYTICS RELATED TO DATA DRIVEN FRAME WORK BY USING MACHINE LEARNING	2023	DR.D.ANITHA KUMARI, venkata charan kantumuchu	A Journal for New Zealand Herpetology	0

	Department	Title	Year	Authors	Journal	Citations
42	Department of Computer Science and Engineering	Expert system for smart farming for diagnosis of sugarcane diseases using machine learning	2023	Athiraja Atheeswaran , Raghavender K V, B N Lakshm	Computers and Electrical Engineering	0
43	Department of Electronics and Communication Engineering	IMPLEMENTATION OF SMART SOPHISTICATED POWER METER USING IoT	2023	J. Sravanthi or Babburi Manasa or D. Chandana or D.	Journal of Information and Computational Science	0
44	Department of Electronics and Communication Engineering	INTELLIGENT CHILD SAFETY SYSTEM USING MACHINE LEARNING IN IoT DEVICES	2023	E.PRABHAKAR	INTERNATIONAL JOURNAL OF NOVEL RESEARCH AND DEVELOPMENT	0
45	Department of Electronics and Communication Engineering	IJNRD	2023	E.PRABHAKAR	FACE RECOGNITION DOOR LOCK SYSTEM USING RASPBERRY PI	0
46	Department of Electronics and Communication Engineering	360 DEGREE ULTRASONIC SONAR FOR DEFENSE APPLICATION WITH AUTOMATIC SHOOTING AND MONITORING	2023	DIVYA	JICR	0

47	Department of Electronics and Communication Engineering	A SMART HELMET FOR AIR QUALITY AND HAZARDOUS EVENT DETECTION IN THE MINING INDUSTRY	2023	DIVYA	JICR	0
48	Department of Electronics and Communication Engineering	IoT Based Monitoring System for Comatose Patients	2023	J.Sravanthi, or A.SaitejaGoud, or B.Likhitha, or D.Sai	Journal of Interdisciplinary Cycle Research	0
49	Department of Electronics and Communication Engineering	Authenticated Access Control for Vehicle Ignition System by Smart Card and Fingerprint Technology	2023	J. Sravanthi , CH. Anil , B. Prashanth reddy , D. laxm	Journal of Information and Computational Science	0
50	Department of Physics	Structure based photocatalytic efficiency and optical properties of ZnO nanoparticles modified by annealing including Williamson-Hall microstructural investigation	2023	B. Himabindu ., N.S.M.P. Latha Devi ., G. Sandhya .,	Materials Science and Engineering: B	20

51	Department of Computer Science and Engineering	Deep learning structure for emotion prediction using MFCC from native languages	2023	A. Suresh Rao ., A. Pramod Reddy ., Pragathi Vulpala	International Journal of Speech Technology	4
52	Department of Computer Science and Engineering	Evaluation of Wireless Sensor Networks for the Detection of forest Fires	2023	M.Narender	International Conference on Edge Computing and Applications (ICECA-2023)	0
53	Department of Computer Science and Engineering	OPERATING SYSTEMS PRINCIPLES & PRACTICES FOR BEGINNERS	2023	Dr. T. Venkata Naga Jayudu Dr. Chaganti B N Lakshm	OPERATING SYSTEMS PRINCIPLES & PRACTICES FOR BEGINNERS	0
54	Department of Electronics and Communication Engineering	Image Denoising Using DT-CWT Combined with ANN and Grey Wolf Optimization Algorithm	2023	P.Venkata Lavanya, C.Venkata Narasimhulu, K.Satya	Algorithms for Intelligent Systems	0
55	Department of Electronics and Communication Engineering	IOT Based Coal Mine Safety Monitoring and Altering System	2023	P.Venkata Lavanya, Likitha, Pradeep,Sahitya,	Journal of Fundamental & Comparative Research	0

	Department	Title	Year	Authors	Journal	Citations
56	Department of Electronics and Communication Engineering	Solar Energy Tracking System using Arduino	2023	P.Venkata Lavanya, Shaik Afreen	Journal of Fundamental & Comparative Research	0
57	Department of Computer Science and Engineering	Machine Learning For Detection Of Acute Respiratory Distress Syndrome	2023	Pallavi, Videm and Mahesh, Avaniganti and Changala	ijcrt	0
58	Department of Computer Science and Engineering	Development of CNN Model to Avoid Food Spoiling Level	2023	Sai Prasad Baswoju, Y Latha, Ravindra Changala, An	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	0
59	Department of Computer Science and Engineering	AIML and Remote Sensing System Developing the Marketing Strategy of Organic Food by Choosing Healthy Food	2023	Kunchakuri Anusha	International Journal of Scientific Research in Engineering and Management (IJSREM)	0

60	Department of Computer Science and Engineering	Integrating Enhanced Decoy Technology and User Behavior Profiling for Strengthening Cloud Server Security	2023	P LAXMI PRASANNA	International Journal on Recent and Innovation Trends in Computing and Communication	0
61	Department of Humanities and Science	Design, Synthesis and Biological Evaluation of New Pyrazolyl-triazoles Bearing Chalcone Derivatives: In silico Docking Analysis	2023	Srinu Bhoomandla , Sravanthi Reddy Basireddy*, Pra	Srinu Bhoomandla , Sravanthi Reddy Basireddy*, Praveen Kumar Kantem , Nuka Mahesh , Ranabothu Govardhan , Akarapu Premalatha	0
62	Department of Humanities and Science	Recent Advances in Drug Discovery: Innovative Approaches and Targeted Therapeutics	2023	. Dr. Akarapu Premalatha, Dr Manisha Atul Bora, Dr	European Chemical Bulletin	0
63	Department of Electronics and Communication Engineering	Effect of ITC on Boolean functionality of n-type heterojunction vertical TFETs	2023	Vikas Ambekar ., Meena Panchore .,	Microelectronics Journal	0

64	Department of Computer Science and Engineering	Application of Convolution Neural Networks to the Classification of Malaria Infected Cells	2023	Dr.M.Narender	Juni Khyat	0
65	Department of Physics	Synthesis and Charac	2024	Himabindu Bantikatla, N. S. M. P. Latha Devi, P. Nagaraju and Rajini Kanth Bhogoju	ECS Journal of Solid State Science and Technology, Feb-2024	1
66	Department of Computer Science and Engineering	An Analysis of the Power Consumption of Nodes in ad hoc IEEE 802. 11 Networks	2023		International Conference on Pervasive Computing and Social Networks (ICPCSN-2023)	0
67	Department of Computer Science and Engineering	Block Chain and Machine Learning Models to Evaluate Faults in the Smart Manufacturing System	2023		International Journal of Scientific Research in Science and Technology	0
68	Department of Computer Science and Engineering	DETECTING ABNORMALITIES USING VGG 16 NEURAL NETWORKS: AN ANOMALY DETECTION FRAMEWORK	2023			0

No	Department	Title	Year	Authors		Count
69	Department of Computer Science and Engineering	ENHANCING VIDEO SURVEILLANCE THROUGH REAL-TIME ANOMALY DETECTION AND CONTINUOUS LEARNING WITH STEP INCREMENTAL LEARNER (SIL)	2023	Thippanna, G and Reddy, Rami		0
70	Department of Computer Science and Engineering	Addressing IoT Schemes for Securing The Modern Health care systems with block chain neural networks	2023	P RAJYALAKSHMI	IJRITCC	2
71	Department of Computer Science and Engineering	A Novel Machine Learning Approach for Person Identification and Validation using Digital Forensics Methods	2023	P RAJYALAKSHMI	ICSCSS	0
72	Department of Computer Science and Engineering	Deep Learning Based NLP and LSTM Models for Sentiment Classification of Consumer Tweets	2023	P RAJYALAKSHMI	ICETT	0

73	Department of Computer Science and Engineering	Parallel and Distributed Query Processing in Attributed Networks	2023	Rani, A. Sandhya and Rani, K. Swarupa		0
74	Department of Computer Science and Engineering	Addressing the IoT Schemes for Securing the Modern Healthcare Systems with Block chain Neural Networks	2023	Balakrishna C.;Sapkal A.;Chowdary B.V.;Rajyalakshmi	International Journal on Recent and Innovation Trends in Computing and Communication	0
75	Department of Computer Science and Engineering	An effective hierarchical image coding approach with Hilbert scanning	2023	Krishna V.;Murali Mohan K.V.;Banala R.;Sunil Sriniva	International Journal of System Assurance Engineering and Management	0

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