



CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

Department of Information Technology

Publications

S.No.	Title of Paper	Name of the Author/s	Name of the Journal/Conference	Year of Publication	Link to article/paper/abstract of the article	Is it listed in UGC Care list/Scopus/Web of Science/other, mention	AY
1.	Animal image identification and classification using deep neural networks techniques	Dr Lakshmi Sreenivasa Reddy	Elsevier, Measurement: Sensors	2023	https://doi.org/10.1016/j.measen.2022.100611	Scopus	2022-23
2.	Brain MRI Noise Reduction Using Convolutional Autoencoder	Dr Lakshmi Sreenivasa Reddy	Springer, ICAIDS 2021	2022	https://doi.org/10.1007/978-3-031-21385-4_29	Scopus	2022-23
3.	Black Box Models for explainable Artificial Intelligence	Dr. Rajanikanth Aluvalu, Gangadhara Rao	Black Box Models for eXplainable Artificial Intelligence, Intelligent Systems Book series, Springer	2022	https://link.springer.com/chapter/10.1007/978-3-031-12807-3_1	Scopus	2022-23
4.	Cervical Cancer Diagnosis Using Intelligent Living	Dr. Rajanikanth Aluvalu	IEEE Access	2022	https://ieeexplore.ieee.org/abstract/document/9945946	Scopus	2022-23

	Behaviour of Artificial Jellyfish Optimized with Artificial Neural Network						
5.	An Intelligent Approach of Intrusion Detection in Mobile Crowd Sourcing Systems in the Context of IoT Based SMART City	Dr. Rajanikanth Aluvalu	Taylor and Francis, Smart Science	2022	https://www.tandfonline.com/doi/abs/10.1080/23080477.2022.2117889	Scopus	2022-23
6.	A Review on Machine Learning Strategies for Real-World Engineering Applications	Dr. Kadiyala Raman a	Hindawi, Mobile Information Systems	2022	https://www.hindawi.com/journals/misy/2022/1833507/	Scopus	2022-23
7.	BENS–B5G: Blockchain-Enabled Network Slicing in 5G and Beyond-5G (B5G) Networks	Dr. Kadiyala Raman a	MDPI, Sensors	2022	https://www.mdpi.com/1424-8220/22/16/6068	Scopus	2022-23
8.	COCO: Coherent Consensus Schema For Dynamic Spectrum Allocation For 5G	Dr. Kadiyala Raman a	Hindawi, Complexity	2022	https://www.hindawi.com/journals/complexity/2022/1388941/	Scopus	2022-23
9.	Elite-CAM: An Elite Channel Allocation and Mapping for Policy Engine over Cognitive Radio Technology in 5G	Dr. Kadiyala Raman a	MDPI, Sensors	2022	https://www.mdpi.com/1424-8220/22/13/5011	Scopus	2022-23
10.	A Framework for Intelligent Traffic Control System	S. Rakesh	IJETT	2022	https://doi.org/10.14445/2315381/IJETT-V70I7P210	Scopus	2022-23
11.	Autonomous Vehicles and Intelligent Automation:	Dr. Rajanikanth Aluvalu	Hindawi, Mobile Information systems	2022	https://www.hindawi.com/journals/misy/2022/7632892/	Scopus	2022-23

	Applications, Challenges, and Opportunities						
12.	Multipath Transmission Control Protocol for Live Virtual Machine Migration in the Cloud Environment	Dr. Rajanikanth Aluvalu, K.Ramana	Hindawi-Wireless Communications and Mobile systems.	2022	https://www.hindawi.com/journals/wcmc/2022/2060875/	Web of Science	2022-23
13.	Leaf Disease Classification in Smart Agriculture using Deep Neural Network Architecture and IoT	Dr. Rajanikanth Aluvalu, K.Ramana	Journal of circuit systems and Networks	2022	https://www.worldscientific.com/doi/abs/10.1142/S0218126622400047	Web of Science	2022-23
14.	An Effective Bootstrapping Framework for Web Services Discovery Using Trigram Approach	Dr. Rajanikanth Aluvalu, K.Ramana	Hindawi, Mobile Information systems	2022	https://www.hindawi.com/journals/misy/2022/2373596/	Scopus	2022-23
15.	PGWO-AVS-RDA: An intelligent optimization and clustering based load balancing model in cloud	Dr. Rajanikanth Aluvalu	Wiley , Concurrency Control and Practice	2022	https://onlinelibrary.wiley.com/doi/abs/10.1002/cpe.7136	Scopus	2022-23
16.	Driver Drowsiness Prediction Based on Multiple Aspects Using Image Processing Techniques	Dr. Rajanikanth Aluvalu	IEEE Access	2022	https://ieeexplore.ieee.org/document/9777952	Scopus	2022-23
17.	Hybrid Optimized GRU-ECNN Models for Gait Recognition with Wearable IOT Devices	Dr. Rajanikanth Aluvalu	Hindawi, Computati on Instelligence and Neuro science	2022	https://www.hindawi.com/journals/cin/2022/5422428/	Scopus	2022-23
18.	An Integrated Number Plate Recognition System through images	Dr. Rajanikanth Aluvalu	2022 International Conference on Decision Aid	2022	https://ieeexplore.ieee.org/abstract/document/9765218	Scopus	2022-23

	using Threshold-based methods and KNN		Sciences and Applications (DASA)				
19.	Bio-Signals in Medical Applications and Challenges Using Artificial Intelligence	Dr. Rajanikanth Aluvalu	MDPI, Journal of sensor and Actuator Networks	2022	https://www.mdpi.com/2224-2708/11/1/17	Scopus	2022-23
20.	An Automated Framework for Enterprise Financial Data Pre-processing and Secure Storage	Sirisha Alamanda, Suresh Pabboju, G. Narasimha	International Journal of Advanced Computer Science and Applications,	2021	An Automated Framework for Enterprise Financial Data Pre-processing and Secure Storage (thesai.org)	Scopus	2022-23
21.	Image Caption Generation Using Attention Model	Ramalakshmi E, Jain MS, Uddin M A	Lecture Notes on Data Engineering and Communications Technologies	2022	https://link.springer.com/chapter/10.1007/978-981-16-7167-8_74	Web of Science	2021-22
22.	Exploring the role of artificial intelligence in managing agricultural supply chain risk to counter the impacts of the COVID-19 pandemic	Priyadarshinee et al. (2021)	The International Journal of Logistics Management. 10.1108/IJLM-12-2020-0493	2021	https://www.emerald.com/insight/content/doi/10.1108/IJLM-12-2020-0493/full/html	Scopus	2021-22
23.	Antecedents for blockchain technology-enabled sustainable agriculture supply chain. , 1-45.	Nayal, K., Raut, R. D., Narkhede, B. E., Priyadarshinee, P., Panchal, G. B., & Gedam, V. V.	Annals of Operations Research	2021	https://link.springer.com/article/10.1007/s10479-021-04423-3	Scopus	2021-22
24.	Supply chain firm performance in circular economy and digital era to achieve	Nayal, K., Kumar, S., Raut, R. D., Queiroz, M. M.,	Business Strategy and the Environment.	2021	https://onlinelibrary.wiley.com/doi/abs/10.1002/bse.2935	Scopus	2021-22

	sustainable development goals.	Priyadarshinee, P., & Narkhede, B. E.					
25.	The role of big data for Supply Chain 4.0 in manufacturing organisations of developing countries.	Narwane, V. S., Raut, R. D., Yadav, V. S., Cheikhrouhou, N., Narkhede, B. E., & Priyadarshinee, P. (2021)	Journal of Enterprise Information Management.	2021	https://www.emerald.com/insight/content/doi/10.1108/JEIM-11-2020-0463/full/html	Scopus	2021-22
26.	The impact of sustainable development strategy on sustainable supply chain firm performance in the digital transformation era.	Nayal, K., Raut, R. D., Yadav, V. S., Priyadarshinee, P., & Narkhede, B. E. (2021).	Business Strategy and the Environment.	2021	https://onlinelibrary.wiley.com/doi/abs/10.1002/bse.2921	Scopus	2021-22
27.	Systematic Review of Indexing Spatial Skyline Queries for Decision Support	Swathi Sowmya Bavirthi, Supreethi K.P	International Journal of Decision Support System Technology (IJDSST)	2021	https://www.igi-global.com/article/systematic-review-of-indexing-spatial-skyline-queries-for-decision-support/286685	Scopus	2021-22
28.	An efficient framework for spatio-textual skyline querying and minimizing search space using R+ tree indexing technique	Swathi Sowmya Bavirthi, Supreethi K.P	International Journal of Information Technology	2022	https://link.springer.com/article/10.1007/s41870-021-00845-1	Scopus	2021-22
29.	Crop Prediction using Internet of Things(IoT) and Cloud Computing Techniques	K. Spandana, Dr. Pabboju, Suresh	Gradiva Review Journal	2021	https://drive.google.com/file/d/1W-0ha5cVYUzQlsCJfqBWmgTJAN4xpEMm/view	Scopus	2020-21

30.	Phishing URL Detection using machine learning Techniques	Sirisha A., Nihitha, V. Deepika B.	LectureNotes in Electrical Engineering	2021	10.1007/978-981-15-7961-5_99	Scopus	2020-21
31.	COVID-19 Time Series Forecasting of Daily Cases, Deaths Caused and Recovered Cases using Long Short Term Memory Networks	Dr. M. Trupthi	2020 IEEE 5th International Conference on Computing Communication and Automation (ICCCA)	2020	https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9250863	Scopus	2020-21
32.	A Study on IoT Applications Towards Impact of Loss of Data	U.Sairam, Santhosh Voruganti, M V Bhanu Prakash, R.Goverdhan Reddy	Proceedings of the Fifth International Conference on Trends in Electronics and Informatics (ICOEI).		10.1109/ICOEI51242.2021.9452935	Scopus	2020-21
33.	Smart Water Consumption Monitoring System using IoT, Android and Cloud Computing	G.Lakshmi Harika , Haritha Chowdary , T. Satya Kiranmai	Proceedings of the Fifth International Conference on Communication and Electronics Systems (ICCES 2020)	2020	10.1109/ICCES48766.2020.9138074	Scopus	2020-21
34.	Deep Learning in IVF to Predict the Embryo Infertility from Blastocyst Images	kiranmaiTadepalli, S. & Lakshmi, P. V.	ICCCE-2021	2021	https://link.springer.com/chapter/10.1007/978-981-15-7961-5_136	Scopus	2020-21
35.	Multi-Functional Blind Stick for Visually Impaired People	Mr U. Sairam	IEEE, Fifth International Conference on Communication and Electronics Systems (ICCES 2020)	2020	https://doi.org/10.1109/ICCES48766.2020.9137870	Scopus	2020-21
36.	Interviewee Performance Analyzer Using Facial Emotion	Mr U Sairam	IEEE International Conference for Innovation in	2020	978-1-7281-9744-9/20/\$31.00 ©2020 IEEE	Scopus	2020-21

	Recognition and Speech Fluency Recognition		Technology (INOCON)				
37.	Smart Wearable Device for Women Safety Using IoT	V. Hyndavi, N. Sai Nikhita & S. Rakesh	Proceedings of the Fifth International Conference on Communication and Electronics Systems (ICCES 2020)	2020	10.1109/ICCES48766.2020.9138047	Scopus	2020-21
38.	A Study on IoT Applications Towards Impact of Loss of Data.	R Govardhan Reddy	IEEE Explore, International Conference on Trends in Electronics and Informatics	2021	https://doi.org/10.17762/turcomat.v12i11.5944	Scopus	2020-21
39.	SWARM OPTIMIZATION BASED GRAVITATIONAL SEARCH APPROACH FOR CHANNEL ASSIGNMENT IN MCMR WIRELESS MESH NETWORK	Suresh Pabboju	International Journal of Computer Networks & Communications (IJCNC)	2020	DOI: 10.5121/ijcnc.2020.12303	Scopus	2019-2020
40.	Cluster Sampling to improve classifier accuracy for numeric data	Dr D Lakshmi Sreenivasa Reddy	International journal of recent technology and Engineering	2019	https://www.ijrte.org/portfolio-item/B2848078219/	Scopus	2019-2020
41.	Thyroid Diagnosis Using Multilayer Perceptron	Dr D Lakshmi Sreenivasa Reddy	Springer, ICETE 2019	2020	https://doi.org/10.1007/978-3-030-24322-7_56	Scopus	2019-2020
42.	Real Time Aspect based sentiment analysis on consumer reviews machine learning approach	M. Venu Gopalachari	Advances in Intelligent Systems and Computing		10.1007/978-981-15-1097-7_67	Scopus	2019-2020

43.	Realistic Handwriting Generation Using Recurrent Neural Networks and	Ms K. Sugamya	Advances in Intelligent Systems and Computing	2020	Realistic Handwriting Generation Using Recurrent Neural Networks and Long Short-Term Networks SpringerLink	Scopus	2019-2020
44.	CBIR using SIFT with LoG, DoG and PCA Long Short-Term Networks	Ms K. Sugamya	Advances in Intelligent Systems and Computing book series		CBIR using SIFT with LoG, DoG and PCA SpringerLink	Scopus	2019-2020
45.	CBIR using SIFT& FDCT with Relevance Feedback Mechanism	Katta Sugamya	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2020	(PDF) CBIR using SIFT& FDCT with Relevance Feedback Mechanism Suresh Pabboju - Academia.edu	Scopus	2019-2020
46.	Predicting the customer's opinion on amazon products using selective memory architecture-based convolutional neural network	M.Trupthi	The Journal of Supercomputing, Springer,		https://doi.org/10.1007/s11227-019-03081-4	Scopus	2019-2020
47.	Rough Set-Based Classification of Audio Data	Ms. T. Prathima	Proceedings of the Third International Conference on Computational Intelligence and		10.1007/978-981-15-1480-7_53	Scopus	2019-2020
48.	A Neural based Visual Processing System for Automatic Detection	Mr.K Gangadhara Rao	JADCS		https://www.jardcs.org/abstract.php?id=972	Scopus	2019-2020
49.	Enhanced SIFT for Image Registration of VHR Images	Ms Kratika Sharma	International Journal of Advanced Science and Technology	2020	10.4018/IJBDAH.2019070102	Scopus	2019-2020

50.	DL And ML Approaches Along With Blockchain Towards IoT Security	Mr. U.Sai Ram	International Journal Of Advanced Science And Technology	2020	http://sersec.org/journals/index.php/IJAST/article/view/6534	Scopus	2019-2020
51.	Automatic Traffic Density Estimation and Vehicle Classification Method Block chain Security	S.Rakesh	International Journal of Scientific & Technology Research (IJSTR)	2020	http://www.ijstr.org/final-print/dec2019/Automatic-Traffic-Density-Estimation-And-Vehicle-Classification-Method-Using-Neural-Network.pdf	Scopus	2019-2020
52.	The Influence of Internal-External Factors on the Cloud Computing Adoption	Dr. Pragati Priyadarshinee	International Journal of Business Information System	2020	https://www.inderscience.com/info/ingeneral/forthcoming.php?jcode=ijbis#86193	Scopus	2019-2020
53.	An efficient adaptive genetic algorithm technique to improve the neural network performance with aid of adaptive GA operators	Suresh Pabboju	International Journal of Networking and Virtual Organizations	2018	https://www.inderscience.com/info/inarticle.php?artid=97630	Scopus	2018-2019
54.	DBT Recommender: Improved Trustworthiness of Ratings through De-Biasing Tendency of Users	M Venu Gopalachari	International Journal of Intelligent Engineering and Systems (IJIES)	2018	http://oaji.net/articles/2017/3603-1520390581.pdf	Scopus	2018-2019
55.	Deep Sentiments Extraction for Consumer Products Using NLP-Based Technique	M.Trupthi	Soft Computing and Signal Processing. Advances in Intelligent Systems and Computing	2019	https://doi.org/10.1007/978-981-13-3393-4_20	Scopus	2018-2019
56.	A Neural based Visual Processing System for Automatic Detection and Recognition of	Mr.K Gangadhara Rao	JADCS	2019	https://www.jardcs.org/abstract.php?id=972#	Scopus	2018-2019

	Road Signs from Live Video Feeds						
57.	An Optimal Heuristic for Student Failure Detection And Diagnosis In The Sathavahana Educational Community Using WEKA	P Vasanth sena	Lecture Notes in Electrical Engineering	2019	10.1007/978-981-13-0212-1_68	Scopus	2018-2019
58.	An approach to mine time interval based weighted sequential patterns in sequence databases	Sirisha Alamanda, Suresh Pabboju, G.Nar simha	IEEE	2018	An Approach to Mine Time Interval Based Weighted Sequential Patterns in Sequence Databases IEEE Conference Publication IEEE Xplore	Scopus	2017-18
59.	Hexagonal image processing and transformations: A practical approach using R	Ramalakshmi E, Kompala N	SpringerBriefs in Applied Sciences and Technology	2018	Hexagonal Image Processing and Transformations: A Practical Approach Using R SpringerLink	Scopus	2017-18
60.	Multi-threading image processing in single-core and multi-core CPU using R language	Ramalakshmi E, Kompala N	Proceedings of the 2017 2nd IEEE International Conference on Electrical, Computer and Communication Technologies, ICECCT 2017	2017	Multi-threading image processing in single-core and multi-core CPU using R language IEEE Conference Publication IEEE Xplore	Scopus	2017-18