

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY AND SCIENCE
 Department of AI&DS
 Faculty Publication Details for the year 2023-24

S.NO.	Authors	Title of the Paper	Journal details	Month and Year	ISSN /ISBN NUMBER	DOI Link
2023-2024						
1	P VASANTH SENA	A deep learning framework for leakage diagnosis and time series water consumption prediction	AIP Conf. Proc	Feb 2024	AIP Conf. Proc	https://doi.org/10.1063/5.0195057
2	Satya Kiranmai Tadepalli	An Entropy Enabled Random Forest Neural Network Algorithm to Grade the Reproductive System for Efficient early Detection of Infertility	5th IEEE International Conference on Cybernetics, Cognition and Machine Learning Applications, ICCMLA 2023	January, 2024		10.1109/ICCCMLA58983.2023.10346771
3	Satya Kiranmai Tadepalli	Behavioral Cloning-Enabled Autonomous Vehicle Lane Line Detection Using Nvidia Convolution Neural Network Model	Proceedings of the 2nd International Conference on Cognitive and Intelligent Computing, Cognitive Science and Technology	Oct, 2023		https://doi.org/10.1007/978-981-99-2746-3_74
4	Satya Kiranmai Tadepalli	A Survey on Collaborative and Effective Implementation of Augmented Reality (AR) Interactive Learning Application	Proceedings of the 2nd International Conference on Cognitive and Intelligent Computing, Cognitive Science and Technology	Oct, 2023		https://doi.org/10.1007/978-981-99-2742-5_63
5	V.K.Aravinda	Animal Encroachment Detection in Farms:A Survey	Proceedings of the 2nd International Conference on Cognitive and Intelligent Computing,	27 Sep 2023	978-981-99-2742-5	https://doi.org/10.1007/978-981-99-2742-5_44

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY AND SCIENCE
Department of AI&DS
Faculty Publication Details for the year 2023-24

			Cognitive Science and Technology			
6	Dr. K. Ramana	A Disease Monitoring System using Multi-class Capsule Network for Agricultural Enhancement in Muskmelon	Multimedia Tools and Applications	March 2024	-	-
7	Dr. N. Satyanarayana	Crop Recommendation System Using Improved Apriori Algorithm	International Journal on Recent and Innovation Trends in Computing and Communication	28 July 2023	2321-8169	https://doi.org/10.17762/ijritcc.v11i8.9083
8	Ravikumar ch	Improving Phishing Website Detection with Machine Learning: Revealing Hidden Patterns for Better Accuracy	International Journal on Recent and Innovation Trends in Computing and Communication	28 July 2023	2321-8169	https://doi.org/10.17762/ijritcc.v11i8.8353
9	Dr. Samson Anosh Babu P	Analysis of Deep Learning Methods for Healthcare Sector - Medical Imaging Disease Detection	Contemporary Mathematics	17 Novemb er 2023	2705-1064	https://doi.org/10.37256/c m.4420232496
10	Dr. Samson Anosh Babu P	Modified Snapshot Ensemble Algorithm for Skin Lesion Classification	RTIP2R 2023: International Conference on Recent Trends in Image Processing and Pattern Recognition	30 January 2024	978-3-031-53084-5	https://doi.org/10.1007/978-3-031-53085-2_13
11	Dr. Samson Anosh Babu P	YOLO-based Object Detection Techniques For Autonomous Driving	Second International Conference on Inventive Computing and Informatics	June 2024	-	-
12	Dr. Kadiyala Ramana	Cooperative Spectrum Sensing Deployment for Cognitive Radio Networks for Internet of Things 5G Wireless Communication	Tsinghua Science and Technology	June 2024	1007-0214	https://doi.org/10.26599/TST.2023.9010065
13	S. Shobarani	Explainable AI (XAI)-based Robot-Assisted Surgical classification Procedure	Computational Intelligence Methods and Applications		-	-
14	Ravikumar ch	A comparative analysis for deep learning-based approaches for image forgery detection	International Journal of Systematic Innovation	2024-03-01	2077-7973	https://doi.org/10.6977/IJ oSI.202403_8(1).0001

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY AND SCIENCE
Department of AI&DS
Faculty Publication Details for the year 2023-24

15	Ravikumar ch	Classification of Credit Card Delinquent Customers Using Random Forest Algorithm	Springer	02-02-2024	236733 70	10.1007/978-981-99-9704-6_19
16	Dr D. L S.Reddy	PEST CATEGORY AND TYPE CLASSIFICATION USING VGG-CNN TRANSFER LEARNING APPROACH	ANVESAK	12-2023	0378 – 4568	https://www.spiesr.ac.in/ResearchResult/lakshmi
17	Swathi Tejah Yalla	Smart HEalth Care : Enhancing Patient Wellbeing with IoT	5th International Conference on Data Science, Machine Learning & Applications	15.12.2023	-	-
18	Satya Kiranmai Tadepalli	Beyond pH Levels: A Comprehensive Survey on Ocean Acidification	Second International Conference on Emerging Trends in Information Technology and Engineering (ICETITE)	April 2024	1-9	https://ieeexplore.ieee.org/abstract/document/10493656
19	Satya Kiranmai Tadepalli	Introduction to Serverless Computing	Serverless Computing Concepts, Technology and Architecture- IGI Global	April 2024	1-19	https://www.igi-global.com/chapter/introduction-to-serverless-computing/343717
20	Swathi Tejah Yalla	Early Detection and Remediation Strategies for Nipah Virus: A Comparative Analysis	1st International Conference on Computing for Science,Engineering and Artificial Intelligence	18th Novemb er 2023	-	-
21	Sheena Mohammed	Reinforcement Learning for Fuel-Efficient Driving on Hilly Terrain –	Hinweis Second International Conference on Advanced Research in Engineering and Technology	Februar y 24-25, 2024	-	-
23	Dr. Srilatha P	Machine intelligence security : A methodological blend of fuzzy logic in industry 4.0	Journal of Discrete Mathematical Sciences and Cryptography	April, 2024	0972-0529	https://doi.org/10.47974/JDMSC-1920
24	Dr. K. Ramana	A Novel Coarse-to-fine Computational Method for	Wiley-Expert Systems	July 2023	1-10	

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY AND SCIENCE
 Department of AI&DS
 Faculty Publication Details for the year 2023-24

		Three-dimensional landmark detection to Perform hard-tissue Cephalometric Analysis				
25	Dr. K. Radhika	A Review on Federated Learning-Based Network Intrusion Detection System	Cognitive Science and Technology. Springer	2023		https://doi.org/10.1007/978-981-99-2742-5_72
26	Dr. K. Radhika	DDoS Attack Detection using Swarm Optimized Random Forest Classification	International Journal of Intelligent Systems and Applications in Engineering	2024	231–238	Scopus - Document details - DDoS Attack Detection using Swarm Optimized Random Forest Classification Signed in
27	Dr. K. Radhika	Application of Artificial Intelligence on Camera-Based Human Pose Prediction for Yoga: A Methodological Study	Lecture Notes in Networks and Systems	February 2024		https://doi.org/10.1007/978-981-99-8476-3_8
28	Dr. K. Radhika	Rider Optimization with Deep Learning Based Image Encryption for Secure Drone Communication	IEEE Access	2023	121646-121655	doi: 10.1109/ACCESS.2023.3324068
30	Dr. K. Ramana	Cooperative Spectrum Sensing Deployment for Cognitive Radio Networks for IoT 5G Wireless Communications	TSILGHUA Science and Technology	Nov, 2023	-	-
31	Dr. K. Ramana	Energy Aware Priority based event routing Protocols using TDMA Communication for IoT	Wireless Personal Communications	2023	-	-
32	Dr. K. Ramana	Prediction of Seed Germination Quality Utilizing Ensemble based Precision Forming	International Journal of Intelligent Engineering and Systems	July 2024	-	-
33	Dr. K. Ramana	A Blockchain based Data Sharing Framework for Cloud based IoT Systems with Efficient Smart Contracts	IEEE ICC 2023 Workshop on Blockchain for Secure Software Defined Networking in Smart Communities	2023	-	-
34	Dr. K. Ramana	A Systematic Literature Review on Combined Framework of Secure Communication Using	Contemporary Innovations in Engineering and Management	Nov. 2023	-	-

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY AND SCIENCE
 Department of AI&DS
 Faculty Publication Details for the year 2023-24

		Staganography and Cryptography				
35	Dr. K. Ramana	A Novel DDOS Attack Detection and Prevention Using DSA-DPI Method	International Conference on Innovative Computing and Communications	2023	-	-
36	Dr. K. Ramana	High- Resolution Image Inpainting Using Generative Adversarial Networks	International Conference on Innovative Computing and Communications		-	-
37	Dr. K. Radhika	Introduction to Serverless Computing	Serverless Computing Concepts, Technology and Architecture- IGI Global	April 2024	1-19	DOI: 10.4018/979-8-3693-1682-5.ch001
38	Dr. K. Radhika	Intelligent Multi-Group Marine Predator Algorithm with Deep Learning Assisted Anomaly Detection in Pedestrian Walkways	IEEE Access	2024	72662-72671	10.1109/ACCESS.2024.3403549
39	Dr. R. Madana Mohana	An intelligent deep feature based metabolism syndrome prediction system for sleep disorder diseases	Multimedia Tools and Applications	2024	1573-7721	https://doi.org/10.1007/s11042-023-17296-4
40	Dr. R. Madana Mohana	Sustainability in Industry 5.0: Theory and Applications	Sustainability in Industry 5.0: Theory and Applications	2024	9.78103 E+12	https://doi.org/10.1201/9781032686363
41	Dr D. L S.Reddy	Alzheimer's Disease Detection using Deep Learning Network	IJMECE	2024		
42	Dr. Ravikumar ch	A Comprehensive exploration of machine learning in early detection with a focus on lung and pancreatic cancer for revolutionizing cancer diagnostics	IEEE Conference	2024		10.1109/ICETCS61022.2024.10543936
43	Dr.Ravikumar Ch	Exploring Machine Learning Algorithms for Robust Cyber Threat Detection and Classification:Robust Cyber Threat Detection and Classification:A Comprehensive Evaluation	IEEE conference	2024		10.1109/ISCS61804.2024.10581226

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY AND SCIENCE
 Department of AI&DS
 Faculty Publication Details for the year 2023-24

44	Dr.Ravikumar Ch	Enhancing digital security using Signa-Deep for online signature verification and identity authentication	IJOSI Jpurnal	2024	2077-7973	10.6977/IJoSI.202406_8(2).0005
45	Dr.Ravikumar Ch	A comparative analysis for deep learning-based approaches for image forgery detection	IJOSI Jpurnal	2024	2077-7973	10.6977/IJoSI.202403_8(1).0001
46	Dr. Srilatha P	An Statistical Analysis of Gated Recurrent Unit Based Predictive Modelling for Dynamic Obstacle Avoidance in Autonomous Aerial Vehicles	Communications on Applied Nonlinear Analysis	2024	360-372	https://internationalpubs.com/index.php/cana/article/view/654
47	Dr. Srilatha P	A CAD Method for Early Detection of Glaucoma Employing CNN from Fundus Photograph	Intelligent Systems And Applications In Engineering	2024	2470-2476	https://ijisae.org/index.php/IJISAE/article/view/5718/4461