



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

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DEPARTMENT OF INFORMATION TECHNOLOGY

List of Publications in the Academic Year 2023-24

S.No	Author/Co Author	Title of the Paper/Book: Published/ Presented	Name of the Journal/Conference /Events/Publisher	Vol No./Issue./ pp. /ISSN No. /ISBN No. /DOI No	Month and Year of Publication / Presentation	Indexing
1	Kalva Sudhakar, Satuluri Naganjaneyulu	Enhancing stock market forecasting using sequential training network empowered by tunicate swarm optimization	Multimedia Tools and Applications Journal	Volume 83, pages 54449–54472, ISSN:1380-7501 DOI: https://doi.org/10.1007/s11042-023-17686-8	December 2023	SCIE
2	Chandra Sekhar Kolli, V. V. Krishna Reddy , Tatireddy Subba Reddy, Mohan Kumar Chandol, Durga Bhavani Dasari & Mule RamaKrishna Reddy	Deep learning-based privacy-preserving recommendations in federated learning	International Journal of General Systems	Volume 53, Issue 6, Pages 651-677, ISSN: 1563-5104 DOI: https://doi.org/10.1080/03081079.2024.2302605	Feb -2024	SCIE

3	Katru Rama Rao, Satuluri Naganjaneyulu	Designing a Block Chain Based Network for the Secure Exchange of Medical Data in Healthcare Systems	Applied Artificial Intelligence	Volume 38, Issue 1, pp 1-18, ISSN: 1087-6545 DOI: https://doi.org/10.1080/08839514.2024.2318164	Feb -2024	SCIE
4	Vadisena Venkata Krishna Reddy , Radha Vijaya Kumar Reddy , Masthan Siva Krishna Munaga , Balaji Karnam d, Suresh Kumar Maddila , Chandra Sekhar Kolli	Deep learning-based credit card fraud detection in federated learning	Expert Systems With Applications	Volume:255,Part:A, pp:1-11, ISSN: 0957-4174 DOI: https://doi.org/10.1016/j.eswa.2024.124493	June 2024	SCIE
5	Chinta Venkata Murali Krishna, Davuluri Sunitha, Bopanna Venu Gopal, A Sarvani , Elagapudi Sreenivas	Assessing The Influence Of Memory-Based Collaborative Filtering Methods On Contextual Segments In Multicriteria Recommender Systems	Journal of Theoretical and Applied Information Technology	Vol.101, Issue:13,pp:5249-5256,ISSN:1992-8645 DOI: ijatit.org/volumes/Vol101No13/17Vol101No13.pdf	July 2023	Scopus
6	Kailash Kumar Borkar, Mukesh Kumar Singh, Ratna Kishore Dasari , Atul Babbar, Anish Pandey,Urja Jain, Pradumn Mishra	Path planning design for a wheeled robot: a generative artificial intelligence approach	International Journal on Interactive Design and Manufacturing	Volume 18, Issue 1, pp 1-12, ISSN:1955-2513 DOI: https://doi.org/10.1007/s12008-023-01721-x	January 2024	Scopus

7	Sindhuri Suseela Mantena, T. Venkateswara Rao, Battula Ravindra Chanti Babu , T. Prasad, D. Naresh	Prevention Of Credit Card Fraud Transaction Using Ga Feature Selection With Machine Learning	African Journal of Biological Science	Volume:06, Issue:07, pp:1-8, ISSN:2663-2187, DOI: https://doi.org/10.33472/AFJBS.6.7.2024.232-239	March-2024	Scopus
8	Satuluri Naganjaneyulu , Gurija Akanksha, Shaik Shaheeda & Mohammed Sadhak,	HMLF_CDD_SSB M: A Hybrid Machine Learning Framework for Cardiovascular Disease Diagnosis Prediction Using the SMOTE Stacking Method	International Conference on Innovative Computing and Communications	Volume:537, pp 571–585, ISBN:978-981-99-3010-4, DOI: https://doi.org/10.1007/978-981-99-3010-4_47	August 2023	Scopus
9	Ananapareddy V. N. Reddy , A. Kavya, B. Rohith, B. Narasimha Rao & L. Harshada	A Novel Approach for Effective Classification of Brain Tumors Using Hybrid Deep Learning	International Conference on Innovative Computing and Communications	Volume:537, pp 483–498, ISBN:978-981-99-3010-4, DOI: https://doi.org/10.1007/978-981-99-3010-4_41	August 2023	Scopus
10	Ananapareddy V. N. Reddy , Mamidipaka Ramya Satyasri Prasanna, Arja Greeshma & Kommu Sujith Kumar	An Innovative Software Engineering Approach to Machine Learning for Increasing the Effectiveness of Health Systems	International Conference on Innovative Computing and Communications	Volume:703, pp 207–223, ISBN:978-981-99-3315-0, DOI: https://doi.org/10.1007/978-981-99-3315-0_17	July 2023	Scopus
11	Phaneendra Kanakamedala , M. Babu Reddy, G. Dinesh Kumar, M. Srinivasa Sesha Sai & P. Ashok Reddy	Optimal and Virtual Multiplexer Resource Provisioning in Multiple Cloud Service Provider System	International Conference on Innovative Computing and Communications	Volume:537, pp 587–597, ISBN:978-981-99-3010-4, DOI: https://doi.org/10.1007/978-981-99-3010-4_48	August 2023	Scopus

12	Rajasekhar Kommaraju, Nallamotu Haritha, Patibandla Yugala, Mukkera Pushpa & Sanikommu Yaswanth Reddy	Diabetic Retinopathy Detection Using Deep CNN Architecture and Medical Prescription	International Conference on Innovative Computing and Communications	Volume:703, pp 197–206, ISBN:978-981-99- 3315-0, DOI: https://doi.org/10.1007/978-981-99-3315-0_16	July 2023	Scopus
13	Sarvani Anandarao, Polani Veenadhari, Gudivada Sai Priya & Ginjupalli Raviteja	IPSO-SMOTE- AdaBoost: An Optimized Class Imbalance Strategy Using Boosting and PSO Techniques	International Conference on Innovative Computing and Communications	Volume:537, pp 555–569, ISBN:978-981-99- 3315-0, DOI: https://doi.org/10.1007/978-981-99-3010-4_46	August 2023	Scopus
14	Jalluri Geetha Renuka, Goberu Likhitha, Vamsi Krishna Modala & Duggi Manikanta Reddy	Plant Disease Detection Using Fine-Tuned ResNet Architecture, Jalluri Geetha Renuka	International Conference on Innovative Computing and Communications	Volume:537, pp 527–541, ISBN:978-981-99- 3315-0, DOI: https://doi.org/10.1007/978-981-99-3010-4_44	August 2023	Scopus
15	Rehana Begum, Ravula Vaishnavi, Kalyan Rayapureddy & Gelli Sai Sudheshna,	Brain Disorder Classification Using Deep Belief Networks	International Conference on Innovative Computing and Communications	Volume:703, pp 183–195, ISBN:978-981-99- 3315-0, DOI: https://doi.org/10.1007/978-981-99-3315-0_15	July 2023	Scopus
16	V. V. Krishna Reddy, Yarramneni Nikhil Sai, Tananki Keerthi & Karnati Ajendra Reddy	Detection of Phishing Website Using Support Vector Machine and Light Gradient Boosting Machine Learning Algorithms	International Conference on Innovative Computing and Communications	Volume:731, pp 297–308, ISBN: 978-981-99- 4070-7. DOI: https://doi.org/10.1007/978-981-99-4071-4_23	October 2023	Scopus

17	Gurram Rajendra, Sunkara Sai Kumar, Maddi Kreshnaa & Mallireddy Surya Tejaswini,	Predicting Autism Spectrum Disorder Using Various Machine Learning Techniques	International Conference on Innovative Computing and Communications	Volume:731, pp 297–308, ISBN: 978-981-99- 4070-7 DOI: https://doi.org/10.1007/978-981-99-4071-4_22	October 2023	Scopus
18	Raviteja Kamarajugadda, Priya Darshini Rayala, Gnaneswar Sai Gunti & Dharma Teja Vegineti	An Effective Methodology to Forecast the Progression of Liver Disease and Its Stages Using Ensemble Technique	International Conference on Innovative Computing and Communications	Volume:731, pp 225–284, ISBN: 978-981-99-4070-7. DOI: https://doi.org/10.1007/978-981-99-4071-4_21	October 2023	Scopus
19	Rajesh Reddy Muley, Vadlamudi Teja Sai Sri, Kuntamukkala Kiran Kumar & Kakumanu Manoj Kumar	Integrated Dual LSTM Model- Based Air Quality Prediction	International Conference on Innovative Computing and Communications	Volume: 731, pp 715–729, ISBN: 978-981-99- 4070-7 DOI: https://doi.org/10.1007/978-981-99-4071-4_55	October 2023	Scopus
20	M. Vijay Kumar, Jahnavi Reddy Gondesi, Gonedipalli Siva Krishna & Itela Anil Kumar	Optimization of Users EV Charging Data Using Convolutional Neural Network	International Conference on Innovative Computing and Communications	Volume: 731, pp 683–698, ISBN: 978-981-99- 4070-7. DOI: https://doi.org/10.1007/978-981-99-4071-4_53	October 2023	Scopus
21	Saddi Jyothi, Addepalli Bhavana, Kolusu Haritha & Tumu Navya	Decision Support Predictive Model for Prognosis of Diabetes Using PSO-Based Ensemble Learning	International Conference on Innovative Computing and Communications	Volume: 731, pp 309–323, ISBN: 978-981-99- 4070-7. DOI: https://doi.org/10.1007/978-981-99-4071-4_24	October 2023	Scopus

22	Cheruku Poorna Venkata Srinivasa Rao , Rudrarapu Bhavani, Narala Indhumathi & Gedela Raviteja,	EL-ID-BID: Ensemble Stacking-Based Intruder Detection in BoT-IoT Data	International Conference on Innovative Computing and Communications	Volume: 731, pp 309–323, ISBN: 978-981-99-4070-7 DOI: https://doi.org/10.1007/978-981-99-4071-4_62	October 2023	Scopus
23	Kampa Lavanya , Juluru Jahnavi Sai Aasritha, Mohan Krishna Garnepudi & Vamsi Krishna Chellu	A Customer Churn Prediction Using CSL-Based Analysis for ML Algorithms: The Case of Telecom Sector	International Conference on Innovative Computing and Communications	Volume: 731, pp 789–804, ISBN: 978-981-99-4070-7 DOI: https://doi.org/10.1007/978-981-99-4071-4_60	October 2023	Scopus
24	Kampa Lavanya, Y Sowmya Reddy , Donthireddy Chetana Varsha, Nerella Vishnu Sai & Kukkadapu Lakshmi Meghana	IDS-PSO-BAE: The Ensemble Method for Intrusion Detection System Using Bagging–Autoencoder and PSO	International Conference on Innovative Computing and Communications	Volume: 731, pp:805-820 ISBN:978-981-99-4071-4 DOI: https://doi.org/10.1007/978-981-99-4071-4_61	October 2023	Scopus
25	M. Likhita , Kethe Manoj Kumar, Nerella Sai Sasank & Mallareddy Abhinaya	AD-ResNet50: An Ensemble Deep Transfer Learning and SMOTE Model for Classification of Alzheimer’s Disease	International Conference on Innovative Computing and Communications	Volume: 731, pp:699-713 ISBN:978-981-99-4071-4 DOI: https://doi.org/10.1007/978-981-99-4071-4_54	October 2023	Scopus
26	Annapareddy V. N. Reddy , Chinthalapudi Siva Vara Prasad, Oleti Prathyusha, Duddu Sai Praveen Kumar & Jangam Sneha Madhuri	Automatic COVID Protocols-Based Human Entry Check System	International Conference on Frontiers of Intelligent Computing: Theory and Applications	volume 370, pp 49–63, ISBN:978-981-99-6702-5 DOI: https://doi.org/10.1007/978-981-99-6702-5_4	November 2023	Scopus

27	K. Venu Gopal, Mullangi David, Shaik Abdul Riyaz & Perepi Durga Teja	Image Restoration Using ResNet– VGG Autoencoder Model	International Conference on Data Analytics & Management	volume 787, pp 195– 204, ISBN:978-981- 99-6550-2 DOI: https://doi.org/10.1007/978-981-99-6550-2_16	November 2023	Scopus
28	A. Sarvani, Yalla Sowmya Reddy, Y. Madhavi Reddy, R. Vijaya & Kampa Lavanya	A Multi-level Optimized Strategy for Imbalanced Data Classification Based on SMOTE and AdaBoost	International Conference on Data Analytics & Management	volume 787, pp 223– 238, ISBN:978-981- 99-6550-2 DOI: https://doi.org/10.1007/978-981-99-6550-2_18	November 2023	Scopus
29	B. Srinivasa Rao, Vemula Naga Bindu Sri, Uday Kiran Pamarthi & Patan Firoz Khan	Enhancing Local Feature Detection Performance with Sequential CNN Architecture in Keras	International Conference on Data Analytics & Management	volume 786, pp 371– 387, ISBN:978-981- 99-6546-5 DOI: https://doi.org/10.1007/978-981-99-6547-2_29	January 2024	Scopus
30	B. Srinivasa Rao, Badisa Bhavana, Gudimetla Abhishek & Peddiboyina Hema Harini	Identification of Fake Users on Social Networks and Detection of Spammers	International Conference on Data Analytics & Management	volume 785, pp 137– 149, ISBN:978-981- 99-6543-4 DOI: https://doi.org/10.1007/978-981-99-6544-1_11	January 2024	Scopus
31	B. Srinivasa Rao, Vankalapati Nanda Gopal, Vatala Akash & Shaik Nazeer	Speed of Diagnosis for Brain Diseases Using MRI and Convolutional Neural Networks	International Conference on Data Analytics & Management	volume 785, pp 501– 514, ISBN:978-981- 99-6543-4 DOI: https://doi.org/10.1007/978-981-99-6544-1_38	January 2024	Scopus
32	Devineni Vijaya Sri, Anumolu Bindu Sai, Valluri Anand & Karanam Manjusha	Identifying Suicidal Risk: A Text Classification Study for Early Detection	International Conference on Data Analytics & Management	volume 785, pp 163– 174, ISBN:978-981- 99-6543-4 DOI: https://doi.org/10.1007/978-981-99-6544-1_13	January 2024	Scopus

33	B. Deepak Raj, Mynam Ganga Bhavani, Mynam Bhargavi & Sureddy Tejaswini	Prediction of Traffic Accident Severity Based on Decision- Level Machine Fusion and Deep Learning	International Conference on Data Analytics & Management	volume 786, pp 389– 404, ISBN: 978-981- 99-6546-5 DOI: https://doi.org/10.1007/ /978-981-99-6547- 2_30	January 2024	Scopus
34	S. K. Saida, Yanduru Yamini Snehitha, Narindi Sai Priya & Avula Srinivasa Ajay Babu	A Effective Method for Predicting the Dyslexia by Applying Ensemble Technique	International Conference on Data Analytics & Management	volume 785, pp 151– 161, ISBN:978-981- 99-6543-4 DOI: https://doi.org/10.1007/ /978-981-99-6544- 1_12	January 2024	Scopus
35	B.Srinivasa Rao; Y.Ashok Kumar; V.Vinay Sai; G. Srinu	BMI Estimation via Facial Image Analysis	2024 International Conference on Emerging Systems and Intelligent Computing (ESIC)	ISBN:979-8-3503- 4986-3 DOI: 10.1109/ESIC60604.2 024.10481611	April 2024	Scopus
36	Satuluri Naganjaneyulu; Rangisetty Sree Lakshmi; Shaik NagulMeeraBee; Medagam Sai Krishna Reddy	Thyroid Nodule Detection Using Deep Learning Strategies	2024 International Conference on Emerging Systems and Intelligent Computing (ESIC)	ISBN:979-8-3503- 4986-3 DOI: 10.1109/ESIC60604.2 024.10481585	April 2024	Scopus
37	Rajendra Gurram; M Babu Reddy; Bindu Madhavi Tummala; K Phaneendra; P Ashok Reddy; D. Durga Prasad	A Novel Ant Colony Based Genetic Approach Neural Learning for Defect Prediction in Software Products	2024 International Conference on Emerging Systems and Intelligent Computing (ESIC)	ISBN:979-8-3503- 4986-3 DOI: 10.1109/ESIC60604.2 024.10481623	April 2024	Scopus
38	Saddi Jyothi; M. Rami Reddy; Chinthalapudi Siva Vara Prasad; Nimmagadda Rishita; Toka Shyam Satya Vara Prasad, Shaik Irfan Ali	Automatic Parking System Using Deep Learning and Internet of Things	2024 International Conference on Emerging Systems and Intelligent Computing (ESIC)	ISBN:979-8-3503- 4986-3 DOI: 10.1109/ESIC60604.2 024.10481628	April 2024	Scopus

39	J. Geetha Renuka; Atmakuri Karthikeya; Mundru Venu Gopal; Vangaveeti Sai Ram; Kota Rosaiah	BERT-LogReg: Enhancing Phishing URL Detection With Transformr-Based Features	2024 International Conference on Emerging Systems and Intelligent Computing (ESIC)	ISBN:979-8-3503- 4986-3 DOI: 10.1109/ESIC60604.2024.10481553	April 2024	Scopus
40	Pavitra Ramachandrapuram ; Pravallika Yaramadi; Keerthi Gorikapudi; Swarna Lakshmi Manukonda;Amrutha Lakshmi Panthangi	Innovative Approaches In Facial Expression Recognition: A Hybrid Deep Learning Perspective	2024 International Conference on Emerging Systems and Intelligent Computing (ESIC)	ISBN:979-8-3503- 4986-3 DOI: 10.1109/ESIC60604.2024.10481644	April 2024	Scopus
41	Rehana Begum; Bhaskar Reddypalli; Laxmi Prasanna Tatikonda; G. Harshitha; Sowjanya Vuyyuru	The Influence of Accurate Weather Forecastes On Crop Guidance	2024 International Conference on Emerging Systems and Intelligent Computing (ESIC)	ISBN:979-8-3503- 4986-3 DOI: 10.1109/ESIC60604.2024.10481549	April 2024	Scopus
42	Karuna Latha Thanukula; Rishik Kumar Balanagu; Nitin Vasireddy; Gopi Chand Gollamandala; Avinash Pyla	Real-Time Communication for Disabled People	2024 International Conference on Emerging Systems and Intelligent Computing (ESIC)	ISBN:979-8-3503- 4986-3 DOI: 10.1109/ESIC60604.2024.10481603	April 2024	Scopus
43	Kalva Sudhakar, Satuluri Naganjaneyulu	Optimizing Technical Parameters and Stock Price Prediction using; Linear Regressive Map Reduce and Quasi- Newton Deep Learning	Proceedings of the Fourth International Conference on Advances in Computer Engineering and Communication Systems (ICACECS 2023)	ISSN:2589-4900 DOI: 10.2991/978-94-6463-314-6_32	December 2023.	Scopus