



VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)

Ibrahimbagh, Hyderabad – 500031

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Academic Year 2023-24

Research Publications- Journals

Sl.No	Name of the Faculty Author	No.of Authors	Main Author/ Other	Title of the Paper	Name of the Journal	ISBN/ISSN Number	Vol/Month	Index No UGC/Scopus	URL/DOI
1	Dr.T. Adilakshmi	2	Naveen kumar Bhimagavani Dr.T.Adilakshmi	Refining the Structure of Bayesian Network learnt with Agglomerative clustering technique for Prostate cancer disease	Journal of Theoretical and Applied Information Technology(JATIT)	E-ISSN 1817-3195 / ISSN 1992-8645	August 2023	Scopus	https://www.jatit.org/volumes/hundredone15.php
2	Dr. M. Sunitha Reddy	1,2	Dr.M.Sunitha Reddy, Dr.T.Adilakshmi	Creating a weighted hybridization approach for a music recommendation system to tackle significant challenges inherent in	International Journal of Intelligent Systems and Applications in Engineering (IJISAE)	ISSN:2147-6799	Feb 2024	Scopus	https://ijisae.org/index.php/IJISAE/article/view/4899

				recommendation systems					
3	Dr Nagaratna Hegde	5	Dr. Nagaratna P Hegde, V, Sireesha, S. Vinay Kumar, M Sathwika, Sai Varshini T	Automated Glaucoma Detection in Retinal Fundus Images Using Machine Learning Models	Journal of Electrical Systems	1112-5209	Dec, 2023	Scopus	https://journal.esrgroups.org/jes/article/view/640
4	Dr Nagaratna Hegde	2	Deepika Mallampati, Nagaratna P. Hegde	Enhanced Detection of Text and Image Spam Using Cost-Sensitive Deep Learning	International Journal Traitement du Signal	0765-0019	June, 2024	SCI	https://iieta.org/journals/ts
5	Dr Nagaratna Hegde	8	S. Rakesha, Nagaratna P. Hegde b, M. Venugopalachari c, D. Jayaram c, Bhukya Madhu d, Mohdabdul Hameed a, Ramd	a "Moving object detection using modified GMM based background subtraction	Measurement: Sensors	2665-9174	Oct 2023	Scopus	https://www.sciencedirect.com/science/article/pii/S2665917423002349?via%3Dihub

			as Vankd othu e, L. K. Suresh Kumar						
6	Dr Nagaratna Hegde	2	B varija, Dr. Nagaratna P. Hegde	“Document Similarity Finding Approaches by using Dynamic DataMining	Journal of Xidian University	ISSN No:1001- 2400	Aug 2023	-	-
7	Dr Nagaratna Hegde	2	B varija, Dr. Nagaratna P. Hegde	An Automated Analytics Framework for Stock Trend Analysis from Multi-Modal Data	International Journal of Electronics and Communicatio n Engineering	Volume 11 Issue 1, 116- 130, January 2024	January 2024	Scopus	https://www .international journalsrg. org/IJECE/2 024/Volume 11- Issue1/IJEC E- V11I1P109. pdf
8	Dr Nagaratna Hegde	2	B varija, Dr. Nagaratna P. Hegde	Analysis of Stock Portfolio with Global Economic Factors using Dynamic Data Modelling,	International Journal on Recent and Innovation Trends in Computing and Communicatio n	ISSN: 2321- 8169 Volume: 11 Issue: 10, 1346- 1361	NOV 2023	Scopus	https://ijritc c.org/index. php/ijritcc/a rticle/view/8 677
9	Dr Nagaratna Hegde	2	venkat Raman, Dr Nagaratna	ENHANCED QUANTUM FEATURE MAP FOR COLOR	JATIT	E-ISSN 1817- 3195 / ISSN	Oct 2023	Scopus	https://www .jatit.org/

			Hegde	IMAGE CLASSIFICATION FOR IMPROVED ACCURACY AND COMPUTATIONAL EFFICIENCY”,		1992-8645			
10	Dr. Nagaratna P Hegde	2	Gouthami m Dr. Nagaratna P Hegde	Feature Selection based Sentiment Analysis on US Airline Twitter Data	International Journal on Recent and Innovation Trends in Computing and Communication	ISSN: 2321-8169 Volume: 11 Issue: 9	Sep 2023	Scopus	https://ijritcc.org/index.php/ijritcc/article/view/9161/7063
11	Dr. Nagaratna P Hegde	2	Gouthami m Dr. Nagaratna P Hegde	Improving Sentiment Analysis on Imbalanced Airlines Twitter Data Using DSMOTE Technique	International Journal of Electronics and Communication Engineering	2348-8352	Sep 2023	Scopus	https://www.internationaljournalsrg.org/IJECE/paper-details?Id=492
12	Dr. Nagaratna P Hegde	2	G Pratibha, 2Nagaratna P.	Employee Attrition Prediction based on Grey Wolf	International Journal on Recent and Innovation	ISSN: 2321-8169 Volume:	Oct 2023	Scopus	https://ijritcc.org/index.php/ijritcc/article/view/8

			Hegde	Optimization and Deep Neural Networks	Trends in Computing and Communication	11 Issue: 9			676
13	Dr. Nagaratna P Hegde	2	Pratibha, G, Dr. Nagaratna P Hegde	Low Complexity Early Employee Attrition Analysis Using Boosting and Non-Boosting MI Techniques	International Journal of Intelligent Systems and Applications in Engineering (IJISAE)	2147-6799	Aug 2023	Scopus	https://ijisae.org/index.php/IJISAE/article/view/3248
14	Dr. D. Baswaraj	6	Dr. D. Baswaraj and 5 other authors	CHRONIC KIDNEY DISEASE RISK PREDICTION USING MACHINE LEARNING TECHNIQUES	Journal of Information Technology Management (JITM)	2423-5059	Accpeted in Dec 2024	Scopus	https://jitm.ut.ac.ir/
15	Dr. D. Baswaraj	6	Dr. D. Baswaraj and 5 other authors	POTHOLE DETECTION BASED ON RANDOM FOREST AND CNN METHOD	Indonesian Journal of Electrical Engineering and Computer Science (IJEECS)	2502-4760	Feb 2024	Scopus	https://ijeecs.iaescore.com/index.php/IJEECS/article/view/35385
16	Dr. D. Baswaraj	6	Dr. D. Baswaraj and 5	Importance of Machine Vision Framework with	International Journal on Recent and	2321-8169	Oct 2023	Scopus	https://ijritcc.org/index.php/ijritcc/a

			other authors	Nondestructive Approach for Fruit Classification and Grading: A Review	Innovation Trends in Computing and Communication (IJRITCC)				article/view/8616/6728
17	Dr. D. Baswaraj	6	Dr. D. Baswaraj and 5 other authors	Intrusion Detection System for Cyber Security in Smart Agriculture with ABCIS Techniques	International Journal of Intelligent Systems And Applications In Engineering (IJISAE)	2147-6799	Accepted in Nov 2023	Scopus	https://ijisae.org/index.php/IJISAE
18	Dr. V. Sireesha	4	Harikrishna Bommala, Sireesha Vikkurty, K. Ramesh Babu, Bhargavi Peddi Reddy	Security Issues in Service Model of Fog Computing Environment	International Journal on Recent and Innovation Trends in Computing and Communication	2321-8169	Aug 2023	Scopus	https://ijritcc.org/index.php/ijritcc/article/view/7400
19	Dr. E. Shailaja	4	R.Rekha M.Sandhya Rani K.Shailaja	Simple Hash based Symmetric Encryption Mechanisms for Dynamic Groups	International Journal of Safety and Security Engineering	2041-9031	Dec 2023	Scopus	https://www.iieta.org/Journals/IJSS E

			N.Krishna Chaithanya						
20	Dr. E. Shailaja	6	N.Sunanda K.Shailaja Prabhakari Krishnamoorthy Vuda Sreenivasa Rao Sanjiv Rao Godla	Enhancing IoT Network Security: ML and Blockchain for Intrusion Detection	International Journal of Advanced Computer Science and Applications (IJACSA)	ISSN : 2156-5570 (Online) ISSN : 2158-107X (Print)	April 2024	Scopus	https://thesai.org/Publications/ViewPaper?Volume=15&Issue=4&Code=IJACSA&SerialNo=97 DOI: 10.14569/IJACSA.2024.0150497
21	Dr.Parsi Kalpana	2	Parsi Kalpana, Pelluri V. Sudha	Hybrid optimisation enabled deep learning for sentiment rating prediction towards text summarisation and question answering system	International Journal of Ad Hoc and Ubiquitous Computing	1743-8225	Nov 2023	SCI	https://doi.org/10.1504/IJAHUC.2023.135111
22	Dr. Krishna Keerthi	6	Aravinda K 1 ,	Prediction of Racism in	Soft Computing in		Oct 2023	Scopus	https://link.springer.com

	Chennam		Revathi V 2 , Uma Maheswari V 3 , krishna Keerthi Chennam 4 , Narsimhulu Pallati 5 MVV prasad Kantipudi	Twitter Sentiment Analysis using Attention based RCOLSTM-RNN Model for possible publication in Soft Computing	Intelligent Manufacturing System-Springer				/journal/500/updates/23879356
23	Dr. Krishna Keerthi Chennam	3	Baswaraju, S., Maheswari, V.U., Chennam, k.K. et al. 4 ,	Future Food Production Prediction Using AROA Based Hybrid Deep Learning Model in Agri-Sector	Human-Centric Intelligent Systems		Oct 2023	Scopus	https://link.springer.com/article/10.1007/s44230-023-00046-y
24	Dr. R. Santosh Kumar	3	Santosh Kumar R, KLNC Prakash. SRM Krishna	Cryptanalysis of RSA with composed decryption exponent with few most significant bits in one of the primes	Journal of Computer Virology and Hacking Techniques (Springer free journal)	2263-8733	Oct 2023	ESCI& SCOPUS	https://www.springer.com/journal/11416
25	Dr. R. Santosh Kumar	3	Santosh Kumar R, KLNC	An Improved Cryptanalysis of Multi prime	Cryptologia (Taylor-Francis free	1558-1586	Jan 2024	SCIE	https://www.tandfonline.com/journal

			Prakash. SRM Krishna	RSA with specific forms of decryption exponent	journal)				s/ucry20
26	Dr. R. Santosh Kumar	3	Santosh Kumar R, KLNC Prakash. SRM Krishna	Partial key exposure attack on RSA using some private key blocks	Journal of Computer Virology and Hacking Techniques (Springer free journal)	2263-8733	Nov 2023	ESCI& SCOPUS(Q1)	https://www.springer.com/journal/11416
27	Dr. R. Santosh Kumar	2	Santosh Kumar R, SRM Krishna	Cryptanalysis of common prime RSA with two decryption exponents: Jochemsz and May approach	International Journal of Information and computer security	1744-1773	Dec 2023	SCI, Scopus (Q1)	https://www.inderscience.com/jhome.php?jcode=ijics
28	Dr. R. Santosh Kumar	2	Santosh Kumar R, SRM Krishna	Cryptanalysis of RSA with small prime difference and two decryption exponents: Joechmesz and May approach	Cryptologia (Taylor-Francis free journal)	1558-1586	Nov 2023	SCIE	https://www.tandfonline.com/journals/ucry20
29	Dr. Bhargavi Peddi Reddy	2	Deeba K,O Rama Devi,Saleh,Bhargav	Optimizing Crop Yield Prediction in Precision Agriculture with Hyperspectral	International Journal of Advanced Computer Science and	2156-5570	Dec 2023	Scopus	https://thesai.org/Publications/IJACSA

			i Peddi Reddy	Imaging- Unmixing and Deep Learning	Applications				
30	Dr. Bhargavi Peddi Reddy	4	Bhargavi Peddi Reddy, Rangaswamy, bharadwaj, manimohan	Using Generative Adversarial Networks and Ensemble Learning for Multi-Modal Medical Image Fusion to Improve the Diagnosis of Rare Neurological Disorders	International Journal of Advanced Computer Science and Applications	2156-5570	Dec 2023	Scopus	https://thesai.org/Publications/IJACSA
31	Dr. Bhargavi Peddi Reddy	2	J. RAVINDRA BABU, BHARGAVI PEDDI REDDY, VANGIPURAM SESHASRINIVAS	CURRENT CHALLENGES AND FUTURE DIRECTIONS IN ARTIFICIAL INTELLIGENCE FOR IMAGING INFORMATICS	Journal of Theoretical and Applied Information Technology	1992-8645	Nov 2023	Scopus	https://www.jatit.org/index.php
32	Dr. Bhargavi	3	Bhargavi	Strategies and	International	2321-	Nov 2023	Scopus	https://ijritc

	Peddi Reddy		Peddi Reddy, Harikrishna Bommala, Srikanth Bhyrapuneni	Approaches for Generating Identical Extensive XML Tree Instances	Journal on Recent and Innovation Trends in Computing and Communication	8169			c.org/index.php/ijritcc/article/view/7238
33	R. Sudha	6	P. Ramadevi, S. Ayyasamy, Yalla Suryaprakash, Chunduru Anilkumar, S. Vijayakumar, R. Sudha	SECURITY FOR WIRELESS SENSOR NETWORKS USING CRYPTOGRAPHY.	MEASUREMENT SENSORS	2665-9174	Oct 2023	Scopus	Measurement: Sensors Journal ScienceDirect.com by Elsevier
34	R. Sudha	6	R. SUDHA, Dr. B. Indira, M Kalidas, Dr. Kalluri Rama Krishna, Dr. M. Jithender	E-commerce in the B2B Market: Solutions for the point of sale	The Scientific Temper	E-ISSN: 2231-6396, ISSN: 0976-8653	Sep 2023	WoS	https://scientifictemper.com/index.php/tst/article/view/578/458

			Reddy, Dr. G.N.R. Prasad						
35	R. Sateesh Kumar	5	Dr.Mulag undla Sridevi,D r T Archana, Dr .M.Radha , Dr Ramatenk i Sateesh Kumar, Dr. Macha Sarada	Image Processing and Deep Learning Integration for Enhancing Diabetic Retinopathy Diagnosis through Advanced Telemedicine	International Journal on Recent and Innovation Trends in Computing and Communicatio n	ISSN: 2321- 8169	Nov 2023	Scopus	https://ijritc.org/index.php/ijritcc
36	Dr. M. Jithender Reddy	5	S. Markkand eyan, Shivani Gupta, G. Venkat Narayan, M. Jithender Reddy	Deep learning- based semantic segmentation approach for automatic detection of brain tumor	International Journal of Computer Communicatio n and Control	1841- 9836	July 2023	SCIE	https://univagora.ro/jour/index.php/ijccc/
37	Dr. M. Jithender Reddy	4	P Ashok babu, Javanna,	Power Control and Optimization for Power Loss	Electric PoComponents and	1532- 5008	July 2023	SCIE	https://www.tandfonline.com/loi/uem

			siva, M Jithender Reddy	Reduction using deep learning in microgrid systems	Systemswor				p20
38	Dr. M. Jithender Reddy	4	P Anuradha , CH Navitha, G Renuka, M Jithender Reddy	A deep learning framework optimised by Harris Hawks algorithm for intelligent ECG classification in WSN-IoT environment	Journal of Intelligent & Fuzzy Systems	8489– 8501	Dec 2023	Scopus	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs233442
39	S. Vinay Kumar	2	Sriperamb uduri Vinay Kumar, Nagaratna M	Effective Workflow Scheduling in Cloud Platform Using Data Aware based Adaptive Gravitational Search Algorithm	International Journal of Intelligent Engineering and Systems	2185- 3118	Aug 2023	Scopus	https://inass.org/publications
40	S. Vinay Kumar	2	Sriperamb uduri Vinay Kumar, Nagaratna Medisetty	Effective Workflow Scheduling in Cloud using Constriction Factor based Inertia Weight	International Journal on Recent and Innovation Trends in Computing and Communicatio	2321- 8169	Aug 2023	Scopus	https://ijritc.org/

				Particle Swarm Optimization	n				
41	S. Vinay Kumar	2	Sriperambuduri Vinay Kumar, Nagaratna Medisetty	A Hybrid Grey Wolf Optimization and Constriction Factor based PSO Algorithm for Workflow Scheduling in Cloud	International Journal on Recent and Innovation Trends in Computing and Communication	2321-8169	Aug 2023	Scopus	https://ijritcc.org/
42	T. Nishitha	3	T. Nishitha Mylavara pu sri Vaishnavi T Adilakshmi	PERFORMANCE ANALYSIS OF RATE ADAPTATION ALGORITHMS BASED ON MOBILITY MODELS AND PROPAGATION LOSS IN WIRELESS LANs	JOURNAL OF THEORETICAL AND APPLIED INFORMATION TECHNOLOGY (E-ISSN 1817-3195 / ISSN 1992-8645)	(E-ISSN 1817-3195 / ISSN 1992-8645)	July 2023	Scopus	http://www.jatit.org/author_guidelines.php
43	D. Vaman Ravi Prasad	2	DASU VAMAN RAVI PRASAD	Voice Automated Hydraulic Jack	European Chemical Bulletin	ISSN 2063-5346	Aug 2023	Scopus	https://www.eurchembulletin.com/issue-content/voice-automated-hydraulic-

									jack-12212
44	P. Ashwini	3	Dr.Ch.Sharada P.Ashwini K.Srividya	Wave-Atom and Cycle-Spinning-Based Noise Reduction in Mammography Images	International Journal on Recent and Innovation Trends in Computing and Communication	2321-8169	Oct 2023	Scopus	https://ijritcc.org/
45	P. Ashwini	3	P.Ashwini K.Srividya Dr.N.Vadivelan	SUSTAINABLE AGRICULTURE PRACTICE USING MACHINE LEARNING	International Journal on Recent and Innovation Trends in Computing and Communication	2321-8169	Sep 2023	Scopus	https://ijritcc.org/
46	K. Srividya	3	K.Srividya V.S.R.K. Sharma Ramchalamalashetti	Analysis of machine learning models used to diagnose rice plant diseases	International Journal of Intelligent Systems and Applications in Engineering (IJISAE)	ISSN: 2147-6799	Dec 2023	Scopus	https://ijisae.org/index.php/IJISAE
47	T.Susmitha	3	T.Susmitha M.Madhu Latha J.Madhu	Analysis and Prediction of winning Team and Player performance in	International Journal on Recent and Innovation Trends in	2321-8169	Sep 2023	Scopus	https://ijritcc.org/

			mathi	Franchise Cricket using Machine Learning	Computing and Communication				
48	T.Susmitha	2	T.Susmitha D.Mythili	Ideal Keyword Match In A Big Data Application Using Keyword Aware Service Recommendation Method	International Journal on Recent and Innovation Trends in Computing and Communication	2321-8169	Sep 2023	Scopus	https://ijritc.org/
49	T.Susmitha	4	Tumma Susmitha, Jinkala Swathy, Duvva Laxmiprasanna	Agricultural Crop Recommendation, Crop Disease Detection and Price Prediction Using Machine Learning	International Journal on Recent and Innovation Trends in Computing and Communication	2321-8169	Sep 2023	Scopus	https://ijritc.org/index.php/ijritcc
50	D. Laxmi Prasanna D.Mythili	5	Ravi Teja B, D.Mythili, Laxmiprasanna Duvva Srikanth Bethu Yugandhar Garapati	Deep Learning Feature extraction architectures for real time face detection	SN Computer Science	SNCS-D-22-03500		Scopus	http://www.springer.com/journal/42979

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Academic Year 2023-24
Conference papers

S I. N o.	Name Of the Faculty As Author	No Of Aut hor s	Main Author/ Others	Title Of the Paper	Name Of the Conference	Date/S	Organized By with Location	ISBN/ISSN Number	URL/DO I
1	Dr.T.Adilakshmi	2	B. Ravinder Reddy, Dr.T.Adilakshmi	A Secure Framework for Privacy-Preserving Healthcare data using Enhanced CP-ABE Scheme	International Conference Computers, Management & Mathematical Sciences (ICCM) 2023	24-25 August 2023	North Eastern Regional Institute of Science and Technology (NERIST)	Scopus	https://iccm2023.iaasae.org/contact.html
2	Dr.T.Adilakshmi	2	Purnacharya, Munigadapa, Dr.T.Adilakshmi	XL Net-LSTM: A Hybrid Architecture for Efficient MOOCs Evaluation using Deep Transfer Learning	International Conference Computers, Management & Mathematical Sciences (ICCM) 2023	24-25 August 2023	North Eastern Regional Institute of Science and Technology (NERIST)	Scopus	https://iccm2023.iaasae.org/contact.html
3	Dr.T.Adilakshmi	2	Soanpet Sreelakshmi, Dr.T.Adilakshmi	Enhancing Long Tail movie recommendations using Multi-objective clustering	3rd International Conference on "Cognitive & Intelligent Computing" (ICCIC-2023)"	8-9 December	VCE, HYD	Scopus	https://sites.google.com/view/iccic-2023

4	Dr.T.Adilakshmi	2	Shilpa K, Dr.T.Adilakshmi	ANALYSE HEART DISEASE CLASSIFICATION USING CONVOLUTIONAL NEURAL NETWORK	3rd International Conference on "Cognitive & Intelligent Computing" (ICCIC-2023)"	8-9 December	VCE,HYD	Scopus	https://sites.google.com/view/iccic-2023
5	Dr.T.Adilakshmi	2	Supriya Vaddi, Dr.T.Adilakshmi	Intrusion detection system in Wireless Sensor Networks using HISTOGRAM GRADIENT BOOSTING CLASSIFIER	5th International Conference on "Data Science, Machine Learning & Applications" (ICDSMLA-2023)	15-16 December 2023	GNITS, Hyd	Scopus	https://www.icdsmla.com/
6	Dr. M. Sunitha Reddy		Dr. M. Sunitha Reddy, Dr.T. Adilakshmi, Nikshita, Nikhil	Road Failures Detection System	3rd International Conference on "Cognitive & Intelligent Computing" (ICCIC-2023)"	8-9 December	VCE,HYD	Scopus	https://sites.google.com/view/iccic-2023
7	Dr. M. Sunitha Reddy	3	Dr. M. Sunitha Reddy, Dr.T. Adilakshmi, Sadia	Resume classification using NLP	3rd International Conference on "Cognitive & Intelligent Computing" (ICCIC-2023)"	8-9 December	VCE,HYD	Scopus	https://sites.google.com/view/iccic-2023

8	Dr. M. Sunitha Reddy	2	Dr. M. Sunitha Reddy, Dr.T. Adilakshmi	Weighted Hybridization of Music Recommendation System to Address Major Issues in Recommendation Systems	3rd International Conference on "Cognitive & Intelligent Computing" (ICCIC-2023)"	8-9 December	VCE,HYD	Scopus	https://sites.google.com/view/iccic-2023
9	Dr. M. Sunitha Reddy	3	Dr. M. Sunitha Reddy, Dr.T. Adilakshmi, Prabhu	Rock or Mine prediction using Logistic Regression	3rd International Conference on "Cognitive & Intelligent Computing" (ICCIC-2023)"	8-9 December	VCE,HYD	Scopus	https://sites.google.com/view/iccic-2023
10	T.Jalaja	3	T.Jalaja, Dr.T. Adilakshmi, D.S.Praneeth Reddy,	The Upcoming Era Of 5G & Beyond European Policy, Implementation, and Governance	3rd International Conference on "Cognitive & Intelligent Computing" (ICCIC-2023)"	8-9 December	VCE,HYD	Scopus	https://sites.google.com/view/iccic-2023
11	S.Komal Kaur	5	S.Komal Kour, Aashrith Sagar Ramachandru, Prerna Patnaik, Dr. T Adilakshmi	A Deep Learning Model-Based Approach for Brain Tumor Detection in Low Brightness and Low Contrast MRI	International conference on Recent Trends in Machine Learning, IOT, Smart Cities & Applications	-	-	Scopus	https://www.iotsmartcon.com/

1 2	S.Komal Kaur	4	S. Komal Kour, Guradi Vinay Reddy, Sravani NVS, Dr. T Adilakshmi	IoT-Based Healthcare System: A Blockchain Approach	International conference on Recent Trends in Machine Learning, IOT, Smart Cities & Applications	-	-	Scopus	https://www.iotsmartcon.com/
1 3	S.Komal Kaur	4	Dr. T Adilakshmi , Mamillapally Hari Sai, Alla. Nithin Sreeroop Reddy, S. Komal Kour	Detecting Multi- Type Lung Cancer through CT-Scan Images Based on Various Deep Learning Models	International Conference Computers, Management & Mathematical Sciences (ICCM) 2023	24-25 August 2023	North Eastern Regional Institute of Science and Technology (NERIST)	Scopus	https://iccm2023.iaasae.org/contact.html

1 4	S.Komal Kaur	2	S. Komal Kour, Dr. T Adilakshmi	An approach for liver lesion detection using a deep learning framework	3rd International Conference on Cognitive & Intelligent Computing (ICCIC- 2023), during 8th & 9th December 2023	8-9 December	VCE,HYD	Scopus	https://sites.google.com/view/iccic-2023
1 5	Dr. Nagaratna P Hegde	6	Dr. Nagaratna P Hegde, Dr. Sireesha Vikkurty, Vinay Kumar Sriperambu duri, Sruthi Gogune, Palabatla Anish, Praneeth Thanneru	Early diagnosis of Liver disease using Machine Learning Techniques	5th International Conference on Data Science, Machine Learning & Applications	15-16 December 2023	Muğla, Turkey	Scopus	https://www.icdsmla.com/
1 6	Dr. Nagaratna P. Hegde	6	Dr. Nagaratna P. Hegde, Dr. V. Sireesha, Sriperambu duri Vinay Kumar,	Effective Communication using Generative AI	5th International Conference on Data Science, Machine Learning & Applications()	15-16 December 2023	Muğla, Turkey	Scopus	https://www.icdsmla.com/

			Paleti Navya Sri, Pati Sri Sai Mahitha, Tejaswi Samineni						
17	Dr. Nagaratna P. Hegde	6	Dr. Nagaratna P. Hegde, Dr. V. Sireesha, Sriperambuduri Vinay Kumar, Paleti Navya Sri, Pati Sri Sai Mahitha, Tejaswi Samineni	Face Spoof detection using Effective Machine Learning Techniques	3 rd International Conference on Cognitive & Intelligent Computing (ICCIC-2023), during 8 th & 9 th December 2023	8-9 December	VCE, HYD	Scopus	https://sites.google.com/view/iccic-2023
18	Dr. Nagaratna P. Hegde	2	Dr. Deepthi P 1 and Dr. Nagaratna P. Hegde 2*	Privacy preservation on Social Networks using Kangaroo Method	3 rd International Conference on Cognitive & Intelligent Computing (ICCIC-2023), during 8 th & 9 th December 2023	8-9 December	VCE, HYD	Scopus	https://sites.google.com/view/iccic-2023

19	Dr. Nagaratna P. Hegde	2	Ch.Janaka mma1 and Dr. Nagaratna P. Hegde 2 *	E2M:EMERGE ENERGY MANAGEMENT FRAMEWORK FOR MULTIMEDIA DATA TRANSMISSION IN WMSN	5th International Conference on Data Science, Machine Learning & Applications	15-16 December 2023	Muğla, Turkey	Scopus	https://www.icdsmla.com/
20	Dr. Nagaratna P. Hegde	2	G Pratibha, Dr. Nagaratna P. Hegde	A framewrok for prediction of employee attrition using machine learning models on IBM HRdataset	3 rd International C onference on Cognitive & Intelligent Computing (ICCIC-2023), during 8 th & 9 th December 2023	8-9 December	VCE, HYD	Scopus	https://sites.google.com/view/iccic-2023
21	Dr. Nagaratna P. Hegde	4	Dr.Nagaratna P. Hegde, Dr. Sireesha Vikkurty, Akshaya Yamsani, Akshita Pottabathini,	Accident Detection Using Computer Vision	First International Conference On Intelligent Systems in Computing and Communication --	8th and 9th of December 2023	Mangalore Institute of Technology & Engineering	Scopus	https://isccomm.in/index.html

2 2	Dr. D. Baswaraj	1	Dr. D. Baswaraj	An Accurate Stock Prediction Using Ensemble Deep Learning Model	International Conference on Research Methodologies In Knowledge Management, Artificial Intelligence And Telecommunication Engineering (IC-RMKMATE'23)	01-02, Nov 2023	R.M.K. Engineering College, Gummidipoondi, TN	Scopus	https://rmk.ec.ac.in/rmkmate2023/
2 3	Dr. V. Sireesha	5	Dr. Sireesha Vikkurty, Dr. Nagaratna P. Hegde, Sriperambuduri Vinay Kumar, Nishanth Thumma, Priyatham Konda	Enhancing Gameplay with Advanced Tracking Methods	3rd International Conference on "Cognitive & Intelligent Computing" (ICCIC-2023)"	8-9 December	VCE, HYD	Scopus	https://sites.google.com/view/iccic-2023
2 4	Dr. V. Sireesha	5	Dr. Sireesha Vikkurty, Dr. Nagaratna P. Hegde, Sriperambuduri Vinay	Efficient Personal guide with Effective Impacts and Importance of Augmented Reality (AR)	3rd International Conference on "Cognitive & Intelligent Computing" (ICCIC-2023)" during 8-9 December 2023	8-9 December	VCE, HYD	Scopus	https://sites.google.com/view/iccic-2023

			Kumar, Priyatham Konda, Nishanth Thumma						
2 5	Dr.V.Sireesh a	5	Dr. Sireesha Vikurty, Dr. Nagaratna P. Hegde, Sriperambu duri Vinay Kumar, Nishanth Thumma, Dasireddy Siddhartha Reddy	Effective Management of Data using Visualization Tool	5th International Conference on "Data Science, Machine Learning & Applications", (15-16 December 2023)	Accepted.	-	Scopus	https://www.icdsmla.com/
2 6	Dr.V.Sireesh a	4	Dr. Sireesha Vikurty, Dr. Nagaratna P. Hegde, Vennela Preethi Chinthakri nda, Dr.	Fire Detection System using Deep CNN	First International Conference On Intelligent Systems in Computing and Communication	8th and 9th of December 2023	Mangalore Institute of Technology & Engineering	Scopus	https://isccomm.in/index.html

			G.P.Hegde,						
27	K.Srinivas C. Gireesh	2	K.Srinivas C. Gireesh	Recovery of Deleted Text Files Using N-Gram Language Model: File Carving Approach	Twentieth Annual IFIP WG 11.9 International Conference on Digital Forensics	4/1/2024	IFIP Working Group 11.9 on Digital Forensics	Scopus	http://www.ifip119.org/
28	Dr. E. Shailaja	3	N.Sunanda Dr V.Surya Narayana Reddy DrK.Shailaja	Games for Kids with Down Syndrome Using Smart phone	3rd International Conference on Cognitive & Intelligent Computing (ICCIC-2023),8-9 December 2023	8-9 December	VCE,HYD	Scopus	https://sites.google.com/view/iccic-2023
29	Dr. R. Santosh Kumar	2	R. M. Krishna Sureddi, Santosh Kumar Ravva	Secure Mobile Ad Hoc Routing Using Confrontations (SMARUC) and Nodes Communication with CCM (Character Classification Model) - OKE (Optimal Key Exchange) - SSL (Secure Socket Layer) Model	International Conference On Mathematical ,Computational Sciences And Management (ICMACOSCMA-23)	July 3-6, 2023	Athens, Greece	Scopus	https://www.springerprofessional.de/en/computational-science-and-its-applications-iccsa-2023-workshops/25557820?tocPage=1

30	Dr. Bhargavi Peddi Reddy	3	Bhargavi Peddi Reddy, Srisatya, Rohit Kumar	Health Insurance Claim Fraud Detection using Artificial Neural Networks	3rd International Conference on "Cognitive & Intelligent Computing" (ICCIC-2023)"	8-9 December 2023	VCE, HYD	Scopus	https://sites.google.com/view/iccic-2023
31	Dr.R. Sateesh Kumar	3	Dr.R.Sateesh Kumar, Dr.M.Sunita Reddy, Dr.D.Basawaraj	Heart Disease Prediction using Majority Voting Ensemble Methods	3rd International Conference on "Cognitive & Intelligent Computing" (ICCIC-2023)"	8-9 December 2023	VCE, HYD	Scopus	https://sites.google.com/view/iccic-2023
32	T. Nishitha	2	S. Sai Ajeetha, M. Vineetha	EVALUATION OF WI-FI 6 IN RESIDENTIAL SCENARIO USING VARIOUS RAA	3rd International Conference on Cognitive & Intelligent Computing (ICCIC-2023), 8-9 December 2023	8-9 December 2023	VCE, HYD	Scopus	https://sites.google.com/view/iccic-2023
33	T. Priyanka	1	T. Priyanka	Generation of Opinionated Abstractive Summaries from the Knowledge Graph using Transfer Learning	3rd International Conference on Cognitive & Intelligent Computing (ICCIC-2023),	8-9 December 2023	VCE, HYD	Scopus	https://sites.google.com/view/iccic-2023

				With CNN					
3 4	J. Madhumathi	5	Dr. Ajmeera Kiran M.V Anjana Devi Mungara Kiran Kumar J Madhumat hi Sreenivasul u Reddy	Benchmarking Machine Learning Frameworks for Computer Vision by Evaluating Accuracy, Inference Speed, and Model Size in Real-Time Applications	IEEE International Conference on Multidisciplinary Research in Technology and Management	22nd – 23rd, September 2023	New Horizon College of Engineering, Bengaluru, Karnataka, India	-	-
3 5	K.Srividya	4	Shanmuga Sundari M K.srividya Dr. Vijaya Chandra Jadala U.Chandras ekhar	Improved Classification for Corona Virus Disease	3rd International Conference on Innovative Mechanisms for Industry Applications (ICIMIA 2023)		ISBN: 979-8- 3503-4362-5	IEEE	http://icimia.in/

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
Academic Year 2023-2024

Research Publications – Book & Book Chapters

Sl. No	Name of the Faculty Author	No of Authors	Main Author/ other	Title of the Book Chapter	Name of the Publisher	ISBN Number	URL	Remarks
1	Dr. Bhargavi Peddi Reddy	4	Dr.Bhargavi Peddi Reddy,Dr. Shruthi SK,Dr. Shaik Khaleel Ahamed,Dr. U. Moulali	Foundations of Data Science	Super Coin	ISBN: 9788196473969	://www.flipkart.com/foundations-data-science/p/itma34a8022ce5d3?pid=9788196473969	
2	Dr. Bhargavi Peddi Reddy	4	Moulali,Bhargavi Peddi Reddy,B.Srikanth,Sruthi	Fuzzy logic & algorithm for effective and efficient monitoring of medical data management mechanism	ADVANCES IN FUZZY-BASED INTERNET OF MEDICAL THINGS (IOMT)	9.78139E+12	https://scrivenerpublishing.com/cart/title.php?id=928	
3	Dr. Nagaratna P Hegde	2	Rakesh Salakapuri Nagaratna P. Hegde	Dynamic Traffic Control System by Detecting the Live Traffic Density A New Framework for Road Traffic Control System	More Books	-	https://www.morebooks.shop/shop-ui/shop/book-launch-offer/ae881ed8c6c3ace9c6143eb303f4e54d55d1b117	

4	Gireesh C	5	Carol Eunice Gudumotu, Sathvik Reddy Nukala, Kartheeka Reddy, Ashish Konduri, and Gireesh C	A Survey on Deep Learning Models to detect Hate Speech and Bullying in Social Media	Springer book series: Intelligent Systems Reference Library	ISBN: 978-3-031-12418-1	https://link.springer.com/chapter/10.1007/978-3-031-12419-8_2	
5	R.Sudha	4	K. Suresh Kumar, R. Sudha, T. Suguna and M. K. Dharani	An Intelligent Heartbeat Management System Utilizing Fuzzy Logic	Advances in fuzzy based Internet of Medical things	9781394242221	https://scrivenerpublishing.com/cart/title.php?id=928	
6	R.Sudha	4	K. Rama Krishna, R. Sudha, G. N. R. Prasad and Jithender Reddy Machana	Integration of Edge Computing and Fuzzy Logic to Monitor Novel Coronavirus	Advances in fuzzy based Internet of Medical things	9781394242221	https://scrivenerpublishing.com/cart/title.php?id=928	

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