



VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)
IBRAHIMBAGH, HYDERABAD – 500 031
ACCREDITED BY NAAC WITH 'A++' GRADE
DEPARTMENT OF INFORMATION TECHNOLOGY

Date: 31.08.2024

Summary of Publications for the Academic Year 2023-24

Journals							
S.No.	Details	SCI	SCOPUS	WOS	UGC	Other	Total
1	International Journals	-	25	1	-	1	27
2	National Journals	-	-	-	-	-	-

Conferences & Book Chapters						
S.No.	Details	IEEE	Springer	Scopus	Others/ Presented	Total
1	International Conferences	14	11	-	7	32
2	Book Chapters	-	1	-	6	07

Books				
S.No.	Details	NATIONAL	INTERNATIONAL	Total
1	Books	-	-	-

Patents				
S.No.	Details	NATIONAL	INTERNATIONAL	Total
1	Patents	4	-	04

Faculty I/c.

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Date: 31.08.2024

Journal Publications – 2023-24

S. No.	Faculty Name	Title of the paper	Journals Name	Cite	INDEX
1	Dr K. Ram Mohan Rao	A model for multi-attack classification to improve intrusion detection performance using deep learning approaches	Measurement: Sensors Measurement: Sensors 30 (2023) 100924	Arun Kumar Silivery a, Ram Mohan Rao Kovvur b, Ramana Solleti c, LK Suresh Kumar a, Bhukya Madhu d,*-"A model for multi-attack classification to improve intrusion detection performance using deep learning approaches"- Measurement: Sensors 30 (2023) 100924, https://doi.org/10.1016/j.measen.2023.100924 Available online 21 October 2023,2665-9174/© 2023 The Authors. Published by Elsevier Ltd. (http://creativecommons.org/licenses/by/4.0/).	SCOPUS
2	Dr K. Ram Mohan Rao	DRABR: Pioneering Enhanced Data Locality and Processing Power in Heterogeneous Hadoop Clusters	International Journal of Creative Research Thoughts (IJCRT)	1Sunkari Mahesh, 2 Dr K. Ram Mohan Rao - DRABR: Pioneering Enhanced Data Locality and Processing Power in Heterogeneous Hadoop Clusters-International Journal of Creative Research Thoughts (IJCRT) - IJCRT2311524, Volume 11, Issue 11 November 2023 ISSN: 2320-2882	SCOPUS
3	Dr K. Ram Mohan Rao	Dynamic Resource-Aware Scheduling for Enhanced Performance in Heterogeneous Hadoop Clusters	International Journal for Research Trends and Innovation IJRTI	1Sunkari Mahesh, 2 Dr K. Ram Mohan Rao - IJRTI2312085 International Journal for Research Trends and Innovation (www.ijrti.org) 601-610 © 2023 IJRTI Volume 8, Issue 12 ISSN: 2456-3315	SCOPUS
4	Dr K. Ram Mohan Rao	An Effective Deep Learning Based Multi-Class Classification of DoS and DDoS Attack Detection	International Journal of Electrical and Computer Engineering Systems (IJECEs)	Arun Kumar Silivery, Kovvur Ram Mohan Rao, L. K. Suresh Kumar - An Effective Deep Learning Based Multi-Class Classification of DoS and DDoS Attack Detection - International Journal of Electrical and Computer Engineering Systems (IJECEs) - Volume 14, Number 4, 2023, ISSN 1847-6996	SCOPUS
5	Dr K. Ram Mohan Rao	Rap-Densenet Framework for Network Attack Detection and Classification	Journal of Information & Knowledge Management	Arun Kumar Silivery, Kovvur Ram Mohan Rao, L. K. Suresh Kumar - Rap-Densenet Framework for Network Attack Detection and Classification - Journal of Information & Knowledge Management–Published:21March, 2024 - https://www.worldscientific.com/doi/epdf/10.1142/S0219649224500333	SCOPUS World Scientific
6	Dr K. Ram Mohan Rao	Advances in Deep Learning for Automated Plant Disease Detection: A Comprehensive Review	African Journal of Biological Sciences (South Africa)	Arun Kumar Ravula and Ram Mohan Rao Kovvur - "Advances in Deep Learning for Automated Plant Disease Detection: A Comprehensive Review." - African Journal of Biological Sciences (South Africa) Afr.J.Bio.Sc. 6(10) (2024) ISSN: 2663-2187 https://doi.org/10.33472/AFJBS.6.10.2024.713-727 .	SCOPUS
7	Dr. Tilottama Goswami	Natural Language Processing for Prediction of Election Results on Twitter Engagement and Polls	International Journal on Recent and Innovation Trends in Computing & Communication	Tilottama Goswami 1, Mukesh Kumar Tripathi*2, Erappa G3, Shivakumar Swamy N4, Manohar koli5, Niranjana R Chougala6 paper Natural Language Processing for Prediction of Election Results on Twitter Engagement and Polls-International Journal on Recent and Innovation Trends in Computing and Communication ISSN: 2321-8169 Volume: 11 Issue: 9 Article Received: 25 July 2023 Revised: 12 September 2023 Accepted: 30 September 20231932 IJRITCC September 2023, Available @ http://www.ijritcc.org Pp1932-1941	SCOPUS



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S. No.	Faculty Name	Title of the paper	Journals Name	Cite	INDEX
8	Dr. Tilottama Goswami, Dr. Kovvur Ram Mohan Rao	Performance Evaluation of Hyperspectral Image Classification Methods: A Comparative Study	International Journal of Engineering Trends and Technology	Tilottama Goswami ¹ , Yaksha Kasturi ² , Kommareddy Anvitha ³ , Kovvur Ram Mohan Rao ⁴ -Performance Evaluation of Hyperspectral Image Classification Methods: A Comparative Study-International Journal of Engineering Trends and Technology-Received: 02 September 2023 Revised: 11 December 2023 Accepted: 23 December 2023 Published: 07 January 2024 Volume 72 Issue 1, 209-218, January 2024 ISSN: 2231-5381 / https://doi.org/10.14445/22315381/IJETT-V72I1P121 © 2024 Seventh Sense Research Group® This is an open access article under the CC BY-NC-ND license (http://creativecommons.org/licenses/by-nc-nd/4.0/)	SCOPUS
9	Dr. Tilottama Goswami	SWT-PCA-CNN: hyperspectral image classification with multistage feature extraction and parameter tuning	Indonesian Journal of Electrical Engineering and Computer Science (IJECS)	Tilottama Goswami ¹ , Kandi Navya Shruthi ¹ , Sindhu Chokkarapu ¹ , Raghavendra Kune ² , Mukesh Kumar Tripathi ³ - SWT-PCA-CNN: hyperspectral image classification with multistage feature extraction and parameter tuning - Indonesian Journal of Electrical Engineering and Computer Science, Vol. 34, No. 1, April 2024, pp. 59~68 ISSN: 2502-4752, DOI: 10.11591/ijeecs.v34.i1.pp59-68	SCOPUS
10	Dr. Tilottama Goswami	Implementing Generative Adversarial Networks (GANs) for Increasing Performance of Transmission Fault Classification	Indonesian Journal of Electrical Engineering and Computer Science (IJECS)	Tilottama Goswami, Uponika Barman Roy, Deepthi Kalavala, Mukesh Kumar Tripathi - Implementing Generative Adversarial Networks (GANs) for Increasing Performance of Transmission Fault Classification- Indonesian Journal of Electrical Engineering and Computer Science	SCOPUS
11	Dr. Tilottama Goswami	Metaverse in Media: Understanding Digital Traces Towards Futuristic Technologies in India	Media Education (Mediaobrazovanie),	Manoj Kumar, Amit Sharma, Tilottama Goswami, Akhilesh Kumar Sharma, "Metaverse in Media: Understanding Digital Traces Towards Futuristic Technologies in India", Media Education (Mediaobrazovanie), 2024. 20(2), ISSN 1994-4160, E-ISSN 1994-4195 2024. 20(2): 227-238 DOI: 10.13187/me.2024.2.227 Published in the USA 2024. 20(2): 227-238 Copyright © 2024 by Cherkas Global University	Web of science
12	S. Aruna	Emotion sensitive analysis of learners' cognitive state using deep learning	Journal of Autonomous Intelligence (2024)	S. Aruna, Swarna Kuchibhotla -Emotion sensitive analysis of learners' cognitive state using deep learning - Journal of Autonomous Intelligence (2024) Volume 7 Issue 2 doi: 10.32629/jai.v7i2.790 ARTICLE INFO: Received: 26 June 2023 Accepted: 19 July 2023 Available online: 1 December 2023 Copyright © 2023 by author(s). published by Frontier Scientific Publishing. This work is licensed under the Creative Commons Attribution-NonCommercial 4.0 International License (CC BY-NC 4.0). https://creativecommons.org/licenses/by-nc/4.0/	SCOPUS
13	Dr. S. K. Chaya Devi	Improved performance Analysis and design of Dual Metal FinFET for Low Power Digital Applications	International Journal Of Engineering	P. Padmajaa, D. Vemana Charya, R. Erigela, G. Sirishaa, S. K. ChayaDevib, M. C. Pedapudic, B. Balaji*d, S. Cheeralad, V. Agarwald, Y. Gowthamid - Improved Performance Analysis and Design of Dual Metal Gate FinFET for Low Power Digital Applications - International Journal Of Engineering (IJE) TRANSACTIONS C: Aspects Vol. 37 No. 06, (June 2024) 1059-1066	SCOPUS and Web of science



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S. No.	Faculty Name	Title of the paper	Journals Name	Cite	INDEX
14	Dr.T.Hitendra Sarma	Approximating Clustering for Memory Management and request processing	Journal of Adv Research in Dynamical & Control Systems	1D.D.D.Suribabu, 2Dr.T.Hitendra Sarma ,3Prof.B.Eswar Reddy "Approximating Clustering for Memory Management and request processing" Journal of Adv Research in Dynamical & Control Systems	Available in arXiv
15	Dr.T.Hitendra Sarma	"A Fused 3D-2D Convolution Neural Network for Spatial-Spectral Feature Learning and Hyperspectral Image Classification"	Journal of Theoretical and Applied Information Technology	Murali Kanthi, K. Venkateshwara Rao, J. David Sukeerthi Kumar, Mohmad Ahmed Ali, Sudha Pavani K, T. Hitendra Sarma, Nuthanakanti Bhaskar, "A Fused 3D-2D Convolution Neural Network for Spatial-Spectral Feature Learning and Hyperspectral Image Classification, Journal of Theoretical and Applied Information Technology (E-ISSN 1817-3195 / ISSN 1992-8645).	SCOPUS
16	Dr. T. Hitendra Sarma	Band Selection Methods for Hyperspectral Imagery Analysis A Critical Comparison	International Journal of Intelligent Systems and Applications in Engineering	O. Subhash Chander Goud, T. Hitendra Sarma, Shoba Bindu, Band Selection Methods for Hyperspectral Imagery Analysis – A Critical Comparison, International Journal of Intelligent Systems and Applications in Engineering, ISSN:2147-6799 21, 2024, 12(3), 3093–3109. Published: 24.03.2024	SCOPUS
17	Dr. Madugundu Neelakantappa	Identification of mango variety using near infrared Spectroscopy	Indonesian Journal of Electrical Engineering and Computer Science	Mukesh Kumar Tripathi ¹ , Praveen Kumar Reddy ² , Madugundu Neelakantappa ³ , "Chetan Vikram Andhare ⁴ , Shivendra ⁵ paper titled Identification of mango variety using near infrared Spectroscopy" published in Indonesian Journal of Electrical Engineering and Computer Science Vol. 31, No. 3, September 2023, pp. 1776~1783 ISSN: 2502-4752, DOI:10.11591/ijeecs.v31.i3.pp1776-1783 Journal homepage: http://ijeecs.iaescore.com	SCOPUS
18	Dr. M. Neelakantappa	Breast Cancer Image Analysis and Classification Framework by Applying Machine Learning Techniques	International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING	Dr.Mukesh Kumar Tripathi ¹ , Dr. M.Neelakantappa ² , Anant Nagesh Kaulage ³ ,Dr.Khan Vajid Nabila ⁴ 4, Dr. Sahebrao N. Patil ⁵ , Dr.Kalyan Devappa Bamane "Breast Cancer Image Analysis and Classification Framework by Applying Machine Learning Techniques" International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERINGISSN:2147-6799 Submitted: 27/04/2023Revised: 25/06/2023Accepted: 04/07/2023 Original Research Paper IJISAE, 2023, 11(3), 930–941;	SCOPUS
19	Dr. M. Neelakantappa	Multimodal emotion recognition model via hybrid model with improved feature level fusion on facial and EEG feature set	Multimedia Tools and Applications	Pratima Singh ¹ , Mukesh Kumar Tripathi ² , Mithun B. Patil ³ , Shivendra ⁴ , Madugundu Neelakantappa ⁵ - Multimodal emotion recognition model via hybrid model with improved feature level fusion on facial and EEG feature set - Multimedia Tools and Applications Published online: 26 April, 2024 - © The Author(s), under exclusive licence to Springer Science+Business Media, LLC, part of Springer Nature 2024	SCOPUS
20	Dr. M. Neelakantappa	Election Results Prediction Using Twitter Data by Applying NLP	International Journal of intelligent systems and applications in engineering	Dr. Mukesh Kumar Tripathi, Dr. M. Neelakantappa - Election Results Prediction Using Twitter Data by Applying NLP - International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING - ISSN:2147-67992147-6799 - IJISAE, 2024, 12(11s), 537–546	SCOPUS



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S. No.	Faculty Name	Title of the paper	Journals Name	Cite	INDEX
21	Dr. SK Prashanth	DDSBM: DISTRIBUTED DECENTRALIZED SMART CONTRACTS ON BLOCK CHAIN MARKETPLACE FOR BOOKS THROUGH ETHEREUM	European Chemical Bulletin <i>Section A-Research paper</i>	SK Prashanth1*, S China Ramu2, K. Raghu Ram Mohan Reddy3, Sukanya ledalla4, Raman Dugyala5, G. Vijendar Reddy6, Yerragudipadu Subbarayudu7 "DDSBM: DISTRIBUTED DECENTRALIZED SMART CONTRACTS ON BLOCK CHAIN MARKETPLACE FOR BOOKS THROUGH ETHEREUM" European Chemical Bulletin Eur. Chem. Bull. 2023, 12(SpecialIssue10), 2760–2776 DOI: 10.48047/ecb/2023.12.si10.00329	SCOPUS
22	Dr. SK Prashanth	AN EFFICIENT NOVEL APPROACH ON MACHINE LEARNING PARADIGMS FOR ANALYSIS AND PREDICTION OF ACADEMIC PERFORMANCE BASED ON STUDENT BEHAVIOUR APPROACH.	European Chemical Bulletin <i>Section A-Research paper</i>	Sri Lalitha Y1*, Tejashwi 2 A, Sk prashanth3, Ganapathi Raju N V4, Gayatri Y5, Raman Dugyala6, Vijendar Reddy Gurram7 "AN EFFICIENT NOVEL APPROACH ON MACHINE LEARNING PARADIGMS FOR ANALYSIS AND PREDICTION OF ACADEMIC PERFORMANCE BASED ON STUDENT BEHAVIOUR APPROACH." European Chemical Bulletin Eur. Chem. Bull. 2023, 12 (Special Issue 10),1276-1286, DOI:10.48047/ecb/2023.12.si10.00152	SCOPUS
23	Dr. SK Prashanth	Experimental Hybrid Technique for enhancing the quality of personalized Product Recommendation System using Deep Learning	International Journal of Intelligent Systems and Applications in Engineering	Yogesh Gurav, SK Prashanth, Asma A Shaikh, M. Ravichand, Kadam Vikas Samarthrao, Vinayak Biradar ; International Journal of Intelligent Systems and Applications in Engineering (IJSAE) 2023, Vol.11(4), 272-280; Submitted : 07.05.2023, Revised: 16.07.2023 Accepted:05.08.2023 Published: 21.09.2023; ISSN: 2147-6799	SCOPUS
24	Dr. SK Prashanth	Design Sensor Node for Drainage Blockage Monitoring System	International Journal of Intelligent Systems and Applications in Engineering	Navnath Kale, S.K. Prashanth, H.S. Niranjana Murthy, P. Keerthi, Yogesh Gurav, Suresh Babu, P "Design Sensor Node for Drainage Blockage Monitoring System" International Journal of Intelligent Systems and Applications in Engineering (IJSAE) 2023, 11(4), 272-280; Submitted : 08.05.2023, Revised: 15.07.2023 Accepted:09.08.2023 Published: 21.09.2023;; ISSN: 2147-6799	SCOPUS
25	Dr. SK Prashanth	An optimized meta-heuristic clustering-based routing scheme for secured wireless sensor networks	International Journal of Communication Systems	G Kiran Kumar, S K Prashanth, E Padmalatha, M Venkata Krishna Reddy, N Rama Devi, Laith Abualigah, Premkumar Chithalur, Manoj Kumar - An optimized meta-heuristic clustering-based routing scheme for secured wireless sensor networks - International Journal of Communication Systems - First published: 15 April 2024 - https://doi.org/10.1002/dac.5791	SCOPUS Wiley
26	Dr. Kalluri Rama Krishna	E-commerce in the B2B market: solutions for the point of sale	The Scientific Temper (2023)	R. Sudha1, B. Indira2, M. Kalidas2, Kalluri Rama Krishna3, M. Jithender Reddy2, G.N.R. Prasad2* paper E-commerce in the B2B market: solutions for the point of sale, The Scientific Temper (2023) Vol. 14 (3): 786-791 E-ISSN: 2231-6396, ISSN: 0976-8653 Doi: 10.58414/SCIENTIFICTEMPER.2023.14.3.34, https://scientifictemper.com/ Web of Science © <i>The Scientific Temper</i> . 2023 Received: 12/07/2023 Accepted: 03/08/2023 Published : 25/09/2023 Pp786--791	SCOPUS



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S. No.	Faculty Name	Title of the paper	Journals Name	Cite	INDEX
27	S. Renuka	Sentiment Analysis using NLP on Omicron Tweets	YMER – Open Access Peer reviewed Scopus Active 2024 Care UGC Group-II Journal	S. Renuka - Sentiment Analysis using NLP on Omicron Tweets published in YMER – Open Access Peer reviewed Scopus Active 2024 Care UGC Group-II Journal ISSN – 0044-0477 Volume 23, Issue 6 , June, 2024	SCOPUS



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Conference Publications – 2023-24

S. No.	Faculty Name	Title of the paper	Conference Name	Details	Presented / Published / Indexed
1	Dr. K Ram Mohan Rao	Evaluating cloud security performance for medical data based on spider monkey Paillier homomorphic cryptosystem	International Conference on Computing and Communication Networks (ICCCNet-2023)	D Kalpana 1 * and Dr. K Ram Mohan Rao 2 Evaluating cloud security performance for medical data based on spider monkey Paillier homomorphic cryptosystem International Conference on Computing and Communication Networks (ICCCNet-2023) organized by Manchester Metropolitan University, Manchester, United Kingdom on 17th -18th November 2023	Springer
2	S Aruna	AI Based Student Attention Estimation Framework	International Conference on Data Acquisition Processing and Communication (DAPCOM-2024)	S Aruna - AI Based Student Attention Estimation Framework - International Conference on Data Acquisition, Processing, & Communication (DAPCOM-2024) 29 th Feb - 02 nd March 2024 organized by Department of Computer Science and Engineering Maturi Venkata Subba Rao (MVSr) Engineering College Nadergul, Hyderabad, 29 th Feb - 02 nd March 2024 (Hybrid Mode)(Tailor and Francis consent letter submitted)	Presented Tailor & Francis
3	S Aruna	Leveraging AI for Student Attention Estimation	International Conference on Data Acquisition Processing and Communication (DAPCOM-2024)	S Aruna, Sreepriya, Vaishnavi - Leveraging AI for Student Attention Estimation International Conference on Data Acquisition, Processing, & Communication (DAPCOM-2024) 29 th Feb - 02 nd March 2024 organized by Department of Computer Science and Engineering Maturi Venkata Subba Rao (MVSr) Engineering College Nadergul, Hyderabad, 29 th Feb - 02 nd March 2024 (Hybrid Mode)	Presented Tailor & Francis
4	Dr. B Kezia Rani	Deep Unified Model for Face Recognition based on Convolution Neural Network and Edge Computing	2023 8th International Conference on Communication and Electronics Systems (ICCES)	V.Senthilkumar1, P. Saranya 2 , Dr. B Kezia Rani 3, Srinivasan P 4 , S. Ramu Kuchipudi 5 , Md. Abul Ala Walid 6- Deep Unified Model for Face Recognition based on Convolution Neural Network and Edge Computing - 2023 8th International Conference on Communication and Electronics Systems (ICCES) Part Number: CFP23AWO-ART; ISBN: 979-8-3503-9663-8 - IEEE DOI:10.1109/ICCES57224.2023.10192630; Authorized licensed use limited to: Alliance College of Engineering and Design Bangalore. Downloaded on August 22,2023 at 09:39:29 UTC from IEEE Xplore.	IEEE Xplore
5	Dr. S. K. Chaya Devi	Recognition of Weed Detection in smart agricultural Farm using Image Processing with Iot	Second International Conference on Augmented Intelligence and Sustainable Systems (ICAISS 2023) DVD Part Number : CFP23CB2-DVD ; ISBN : 979-8-3503-2579-9	1Senigala Kuruba Chaya Devi, 2Mohd. Shaikhul Ashraf, 3K.Raghuvveer, 4T V S Gowtham Prasad, 5Sonika Sharma Recognition of Weed Detection in smart agricultural Farm using Image Processing with Iot at Second International Conference on Augmented Intelligence and Sustainable Systems (ICAISS 2023) DVD Part Number : CFP23CB2-DVD ; ISBN : 979-8-3503-2579-9 Pp1535-1540	IEEE Xplore-SCOPUS



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S. No.	Faculty Name	Title of the paper	Conference Name	Details	Presented / Published / Indexed
6	Dr. S.K. Chaya Devi	Real-time Pose Estimation and Correction System for Improving Exercise Performance	Two-day International Conference on Advances in Computational Intelligence (ICACI) 2023	Dr. S.K. Chaya Devi, Sharath Chandra Siddhartha Voliseti2 "Real-time Pose Estimation and Correction System for Improving Exercise Performance" Two-day International Conference on Advances in Computational Intelligence (ICACI) 2023 organized on 15-16 December, 2023 by Dept. of IT, MVSREC, Hyd	Springer
7	T. Hitendra Sarma	A new approach for efficient clustering using fuzzy prototypes with varying neighborhoods	4th International e-Conference on Advances in Computer Engineering and Communication Systems (ICACESS-2023)	Ms. Mrudula K, Mr Hitendra Sarma T "A new approach for efficient clustering using fuzzy prototypes with varying neighborhoods" Proceedings of 4th International e-Conference on Advances in Computer Engineering and Communication Systems (ICACESS-2023) , Dept of CSE, VNRVJIET, 22-23 September, 2023, Atlantis Press https://doi.org/10.2991/978-94-6463-314-6_26	Atlantis Press
8	T. Hitendra Sarma	Optimal Band Selection in Hyperspectral Images using Improved K-Means Clustering with Spectral Similarity Measures	5 th IEEE International Conference on Artificial Intelligence in Engineering and Technology	Subhash Chander Goud O, T. Hitendra Sarma and Shoba Bindu "Optimal Band Selection in Hyperspectral Images using Improved K-Means Clustering with Spectral Similarity Measures" 5 th IEEE International Conference on Artificial Intelligence in Engineering and Technology held at the Pacific Sutera Hotel, Kota Kinabalu, Sabah 12-14 September, 2023	IEEE Xplore
9	Dr. T. Hitendra Sarma	3D-CAN: A 3D Convolution Attention Network for Feature Extraction and Classification of Hyperspectral Images	AICTE Sponsored IEEE International Conference on Networks, Multimedia and Information Technology (NMITCON-2023)	M. Kanthi, K. V. Rao, L. C. Sekhar Reddy, T. H. Sarma, N. Bhaskar and N. Vasundhara "3D-CAN: A 3D Convolution Attention Network for Feature Extraction and Classification of Hyperspectral Images" AICTE Sponsored IEEE International Conference on Networks, Multimedia and Information Technology (NMITCON-2023), 1-2 September, 2023 in association with IEEE, Bangalore Section at VTU Belagavi organized by at Nitte Meenakshi Institute of Technology, Bangalore	IEEE Xplore
10	Dr. T. Hitendra Sarma	A Multiple Branch Fusion Network for Feature Learning and Hyperspectral Image Classification	2023 14th International Conference on Computing Communication and Networking Technologies (ICCCNT)	Murali Kanthi; K. Venkateshwara Rao; Sudha Pavani K; Nuthanakanti Bhaskar; Shankar Nayak Bhukya; T. Hitendra Sarma - Date of Conference: 06-08 July 2023 Date Added to IEEE Xplore: 23 November 2023 Conference Location: Delhi, India	IEEE Xplore
11	T. Hitendra Sarma	Improved K-Means Clustering Algorithm for Band Selection in Hyperspectral Images	2023 International Conference on Electrical, Electronics, Communication and Computers (ELEXCOM)	O. Subhash Chander Goud; T. Hitendra Sarma; C. Shobha Bindu "Improved K-Means Clustering Algorithm for Band Selection in Hyperspectral Images" - 2023 International Conference on Electrical, Electronics, Communication and Computers (ELEXCOM) DOI: 10.1109/ELEXCOM58812.2023.10370382 Date of Conference: 26-27 August 2023 Date Added to IEEE Xplore: 01 January 2024 ; Publisher: IEEE	IEEE Xplore



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S. No.	Faculty Name	Title of the paper	Conference Name	Details	Presented / Published / Indexed
12	T. Hitendra Sarma S. Sree Lakshmi K. Ram Mohan Rao	KMNET for Hyperspectral Unmixing,	IEEE India Geoscience and Remote sensing Symposium (InGARSS 2023), IIIT Bangalore	Sankalp Dhondi, T. Hitendra Sarma, Abignya Reddy, S. Sree Lakshmi, K. Ram Mohan Rao, KMNET for Hyperspectral Unmixing, Accepted for publication in IEEE India Geoscience and Remote sensing Symposium (InGARSS 2023), IIIT Bangalore, 10-12 Dec, 2023 India.	IEEE – SCOPUS
13	T. Hitendra Sarma, R. D. Reddy, Dr. K. Ram Mohan Rao	Band selection in Hyperspectral Images using information similarity ranking	2024 International Conference on Machine Intelligence for GeoAnalytics and Remote Sensing (MIGARS)	T. H. Sarma, R. D. Reddy, K. Mrudula, K. R. Rao, S. Dhondi and M. Kanthi, "Band selection in Hyperspectral Images using information similarity ranking," 2024 International Conference on Machine Intelligence for GeoAnalytics and Remote Sensing (MIGARS), Wellington, New Zealand, 2024, pp. 1-4, doi: 10.1109/MIGARS61408.2024.10544790. (IEEE – SCOPUS)	IEEE – SCOPUS
14	Dr. N. Anil Kumar	Signature Proxy: An Efficient View Management Under Distributed Architecture	International Conference on Information and Management Engineering	K. Dhana Sree Devi, P. Ashwini, N. Anil Kumar & J. Swathy - Signature Proxy: An Efficient View Management Under Distributed Architecture - International Conference on Information and Management Engineering - ICCIC 2022: Proceedings of the 2nd International Conference on Cognitive and Intelligent Computing pp 389–406, Conference paper First Online: 02 October 2023 Part of the Cognitive Science and Technology book series (CSAT)	Springer
15	Dr. S.K. Prashanth	Chatbot Music Recommended System	International Conference on Advances in Computational Intelligence (ICACI-2023)	Tilakavati Adhireddy, Tejasree Annapureddy, SK Prashanth - Chatbot Music Recommended System - International Conference on Advances in Computational Intelligence (ICACI-2023) organized on 15-16 December, 2023 by Department of It, MVSREC, Hyd.	Springer
16	Dr. S. Sreelakshmi	Enhancing Long Tail movie recommendations using Multi objective clustering	2023 International Conference on Cognitive & Intelligent Computing (ICCIC)	Dr. S. Sreelakshmi – Enhancing Long Tail movie recommendations using Multi objective clustering – 2023 International Conference on Cognitive & Intelligent Computing (ICCIC) – Springer Conference	Springer
17	S.Sreelakshmi	Camouflaged Object Detection using Yolov5	International Conference ICACI-2023	V.Shwetha,M Ashwini,S.Sreelakshmi - Camouflaged Object Detection using Yolov5 - International Conference ICACI-2023 hosted by the Department of Information Technology during 15- 16th December 2023 at MVS Engineering College, Hyderabad.	Springer
18	K. Ramakrishna	Development Of A Portfolio Website For An Artist	International Conference on Innovations, Challenges and Solutions in Engineering Science and Technology (ICICSET'24)	Dr.G.N.R. Prasad, R.K. Ramakrishna - Development Of A Portfolio Website For An Artist - Proceedings of International Conference on Innovations, Challenges and Solutions in Engineering Science and Technology (ICICSET'24) - May 30th , 31st 2024 - Sri Indu College of Engineering and Technology © Copyright (First Edition: 2024) All Rights Reserved ISBN: 978-81-971735-6-1	1 st Edition of Proceedings



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S. No.	Faculty Name	Title of the paper	Conference Name	Details	Presented / Published / Indexed
19	S. Rajya Laxmi N. David Raju	Identifying objects at construction sites using CNN	2 nd International Conference on Advances in Computational Intelligence and Informatics (ICACII 2023)	S. Rajya Laxmi, P. Pavan Kalyan, N. David Raju, Saathvika Sthavara, Neha Darshanam - "Identifying objects at construction sites using CNN" 2 nd International Conference on Advances in Computational Intelligence and Informatics (ICACII 2023), 22 nd -23 rd December 2023 at Anurag University, Hyderabad	Springer
20	DRL Prasanna	Plant Leaf Disease Classification Using GAN	2 nd International Conference on Advances in Computational Intelligence and Informatics (ICACII 2023)	D. R. L. Prasanna, Sai Kumar Reddy Barda, Swetha Vootkuri, Plant Leaf Disease Classification Using GAN - 2 nd International Conference on Advances in Computational Intelligence and Informatics (ICACII 2023)- 22 nd - 23 rd December 2023 at Anurag University, Hyderabad	Springer
21	C. Sireesha	Improving Air Quality Prediction: A Study on Data-Driven Techniques and Advanced Sensing Technologies	Second International Conference on Computational Intelligence and Data Analytics (ICCIDA) 2024	Yeshwanth Reddy Peddamallu and Sireesha Chittepu - Improving Air Quality Prediction: A Study on Data-Driven Techniques and Advanced Sensing Technologies - Second International Conference on Computational Intelligence and Data Analytics (ICCIDA) 2024	Springer
22	B. Leelavathy, Dr. K. Ram Mohan Rao	Real Time Voice/Speech Command and Control System (CCS) for Unmanned Aerial and Ground Vehicles on 4G Cellular/GPRS Network	2023 Global Conference on Information Technologies and Communications (GCITC)	Mrs. B. Leelavathy, Dr. K. Ram Mohan Rao, Dr. K. Raghavendra Anurag Varma - Real Time Voice/Speech Command and Control System (CCS) for Unmanned Aerial and Ground Vehicles on 4G Cellular/GPRS Network presented during 1 st & 3 rd December 2023. Venue: REVA UNIVERSITY, BENGALURU IEEE CONFERENCE RECORD NUMBER : 60406 2023 Global Conference on Information Technologies and Communications (GCITC)	IEEE Xplore
23	G Srinivas Rao	Real-Time Emotion Detection System using Emotive and ESP-32	20 th India Council International Conference (INDICON) – 2023	Ravichander Janapati, Sandip Bhattacharya, Srinivas Rao Gorre, Sreedhar Kollem, Bhavesh K Verma, Chakradhar Adupa, Usha Desai, Bikshalu - "Real-Time Emotion Detection System using Emotive and ESP-32" 20 th India Council International Conference (INDICON) – 2023 CMRIT, Hyderabad. 14-17 December 2023	IEEE Xplore
24	Haseeba Yaseen	Wireless Detection Systems Using Matrix-Oriented Diffusion	2023 International Conference on Smart Systems for applications in Electrical Sciences (ICSSSES)	Akshatha Bhat ; Lavanya M S ; Niranjana L ; Rakheeba Taseen ; Haseeba Yaseen ; N Shwetha "Wireless Detection Systems Using Matrix-Oriented Diffusion" 2023 International Conference on Smart Systems for applications in Electrical Sciences (ICSSSES) Date of Conference: 07-08 July 2023 Date Added to IEEE <i>Xplore</i> : 07 August 2023 Publisher: IEEE DOI: 10.1109/ICSSSES58299.2023.10200659 Conference Location: Tumakuru, India	IEEE Xplore



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25	Haseeba Yaseen	An Artificial Neural Network Based Energy Efficient Wireless Decision System to Extend the Lifetime of the Network	2023 International Conference on Smart Systems for applications in Electrical Sciences (ICSSES)	Rakheeba Taseen ; Niranjana L ; Haseeba Yaseen ; Imtiyaz Ahmed B K ; Sridhar N ; N Shwetha "An Artificial Neural Network Based Energy Efficient Wireless Decision System to Extend the Lifetime of the Network" 2023 International Conference on Smart Systems for applications in Electrical Sciences (ICSSES) Date of Conference: 07-08 July 2023 Date Added to IEEE Xplore: 07 August 2023 Conference Location: Tumakuru, India DOI: 10.1109/ICSSES58299.2023.10200247	IEEE Xplore
26	Haseeba Yaseen	Privacy Preservation Issues and Tools for Smart Contracts in Blockchain – A Concise Survey	8th International Conference on Research in Intelligent Computing in Engineering (RICE-2023)	Haseeba Yaseen "Privacy Preservation Issues and Tools for Smart Contracts in Blockchain – A Concise Survey" 8th International Conference on Research in Intelligent Computing in Engineering (RICE-2023) organized by MANUU Hyderabad on 1-2 December, 2023	Presented
27	Haseeba Yaseen Thogarcheti Hitendra Sarma	Hyperspectral Band Selection Considering Spectral And Spatial Information	2 nd International Conference on Advances in Computational Intelligence and Informatics (ICACII 2023)	Thogarcheti Hitendra Sarma, Haseeba Yaseen, Nikhita Balagani, Maram Tanmayee - 2nd International Conference on Advances in Computational Intelligence and Informatics (ICACII 2023) held on 22-23 December, 2023 accepted for publication in A Springer book series Lecture Notes in Networks and Systems	Springer
28	Haseeba Yaseen	ROBIN304 - A Systematic Review on Privacy Preservation Techniques for Smart Contracts in Blockchain using Machine Learning	IEEE sponsored 2024 International Conference on Cognitive Robotics and Intelligent Systems (ICC - ROBINS)	Haseeba Yaseen - ROBIN304 - A Systematic Review on Privacy Preservation Techniques for Smart Contracts in Blockchain using Machine Learning - IEEE sponsored 2024 International Conference on Cognitive Robotics and Intelligent Systems (ICC - ROBINS) held at KPR Institute of Engineering and Technology, Coimbatore, India during 17-19, April 2024	IEEE Xplore
29	Sathya Devi M	Cardiovascular Disease Prediction Using Hybrid Dataset	1st International Conference on Advances in Computational Intelligence (ICACI-2023)	Sathya Devi M1, Kavya Elemati2, Vamshi Krishna Kulkarni3 "Cardiovascular Disease Prediction Using Hybrid Dataset" Proceedings of 1st International Conference on Advances in Computational Intelligence (ICACI-2023) (Special Track); ISBN : 978-81-967778-5-2 Organised by Department of Information Technology, MVSR Engineering College, Hyd	Springer
30	S Renuka	Software Defect Prediction Using Deep Semantic Feature Learning	IEEE International Conference on Evolutionary Algorithms and Soft Computing Techniques (EASCT) (EASCT-2023)	S Renuka - Software Defect Prediction Using Deep Semantic Feature Learning - IEEE International Conference on Evolutionary Algorithms and Soft Computing Techniques (EASCT) (EASCT-2023) in association with IEEE Bangalore Section during 20 & 21 October 2023 at RV Institute of Technology and Management (c), JP Nagar, Bangalore	IEEE Xplore



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31	S. Renuka	Software Defect Prediction Using Deep Semantic Feature Learning	2023 International Conference on Evolutionary Algorithms and Soft Computing Techniques (EASCT)	1st B. Dwarakanath; 2nd S. Renuka; 3rd T. V. Brindha; 4th M. J. D. Ebinezer; - Software Defect Prediction Using Deep Semantic Feature Learning - 2023 International Conference on Evolutionary Algorithms and Soft Computing Techniques (EASCT), 979-8-3503-1341-3/23/\$31.00 ©2023 IEEE DOI: 10.1109/EASCT59475.2023.10393261Gyeongsang National Univ.	Presented
32	S Renuka	Sentiment Analysis using NLP on Omicron Tweets	8th International Conference on Advanced Research in Teaching and Education (ICATE)	S Renuka - Sentiment Analysis using NLP on Omicron Tweets - 8th International Conference on Advanced Research in Teaching and Education (ICATE) to be held on 08 - 10 March 2024 in Prague, Czech Republic.	Presented



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Book Chapters – 2023-24

S. No.	Faculty Name	Title Book Title	Book Chapter	Name of the Publisher	Book ISSN/ISBN	INDEX
1	Vemula Sridhar, Ram Mohan Rao Kovvur , Marneni Dyna, P Swetha, Methuku Madhuri	Enhancing Privacy and Efficiency in Multi-Keyword Search on Encrypted Documents through Server-Side Index Computation	Multifaceted approaches for Data Acquisition, Processing & Communication	Publisher, CRC Press Taylor & Francis Group, London https://scholar.google.com/citations?view_op=view_citation&hl=en&user=5n3s_J8AAAAJ&authuser=1&citation_for_view=5n3s_J8AAAAJ:eQOLeE2rZwMC	ISBN: 978-1-032-074790-3	-
2	B. Padmaja 1 ; Thota Anjusree 1 ; E. Krishna Rao Patro 2 ; Tilottama Goswami 3 M. Nagaraju 1	Cognitive Sensing Technologies and Applications	Intelligent automation using IoT and machine learning	IET Digital Library https://digital-library.theiet.org/content/books/10.1049/pbce135e_ch11	Book DOI: 10.1049/PBCE135E Chapter DOI: 10.1049/PBCE135E_ch11 ISBN; 9781839536892 e-ISBN: 9781839536908	-
3	Tilottama Goswami , Divyajyothi Mukkatira Ganapathi & Prakriti Goswami	Soil Classification and Crop Prediction Using Machine Learning Techniques	Intelligent Robots and Drones for Precision Agriculture	Part of the book series: Signals and Communication Technology ((SCT)) Springer 21 March 2024	Book DOI: https://doi.org/10.1007/978-3-031-51195-0_6 Print ISBN: 978-3-031-51194-3 Online ISBN: 978-3-031-51195-0	Springer
4	Sruthi Anand 1 ; Ram Gurusamy Raja 2 ; T. Sheela 3	Explainable Artificial Intelligence (XAI): Concepts, enabling tools, technologies and applications	An overview of AI platforms, frameworks, libraries, and processes	IET Digital Library https://digital-library.theiet.org/content/books/10.1049/pbpc062e_ch6	Book DOI: 10.1049/PBPC062E Chapter DOI: 10.1049/PBPC062E ISBN: 9781839536953 e-ISBN: 9781839536960	
5	Tripathi, M.K., Neelakantappa, M. , Mahalle, P.N., ...Deshmukh, G., Prashant, G.	Detection and Classification of Mango Fruit-Based on Feature Extraction Applying Optimized Hybrid LA-FF Algorithms	Data-Centric Artificial Intelligence for Multidisciplinary Applications (Chapter-12)	Taylor & Francis Group https://doi.org/10.1201/9781003461500	1 st Edition 2024, pp. 177–185 eBook ISBN: 9781003461500	



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6	K. Rama Krishna1* , R. Sudha2, G. N. R. Prasad3 and Jithender Reddy Machana4	Advances in Fuzzy-Based Internet of Medical Things (IoMT)	Integration of Edge Computing and Fuzzy Logic to Monitor Novel Coronavirus	Scrivener Publishing LLC DOI:10.1002/9781394242252.ch17 Book DOI:10.1002/9781394242252 © 2024 Scrivener Publishing LLC Wiley Online Library	11 March 2024 pp.255-269) Print ISBN:9781394242221 Online ISBN:9781394242252	
7	E. M. N. Sharmila1*, K. Rama Krishna2 , G. N. R. Prasad3, Byram Anand4, Chetna Vaid Kwatra5 and Dhiraj Kapila6	Advances in Fuzzy-Based Internet of Medical Things (IoMT),	IoMT— Applications, Benefits, and Future Challenges in the Healthcare Domain	2024 Scrivener Publishing LLC DOI:10.1002/9781394242252.ch1 Book DOI:10.1002/9781394242252 © 2024 Scrivener Publishing LLC Wiley Online Library	11 March 2024 (pp.1-23) Print ISBN:9781394242221 Online ISBN:9781394242252	



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PATENTS – 2023-24

S. No.	Faculty Name	Title	Application No.	Published date
1	S. Aruna KONERU LAKSHMAIAH EDUCATION FOUNDATION	Development of a Novel AI Based Attention Estimation System	APPLICATION NUMBER 202341044645 DATE OF FILING 03/07/2023 PUBLICATION DATE U/S 11A) 01/09/2023 APPLICANT NAME : KONERU LAKSHMAIAH EDUCATION FOUNDATION	01/09/2023
2	1)Ms.A.Anusha 2)Mr.Baddham Sai Ram Goud 3)Mr.G.Kiran Kumar 4) Mrs.Haseeba Yaseen 5)Dr.Sikhakolli Gopi Krishna 6)Dr.Guru Kesava Dasu Gopisetty 7)Mrs.Y.Prasanthi 8)Dr.D.Vijaya Kumar 9)Dr.K.Jagan Mohan 10)Dr.Sanjeev Kumar	CONTROLLING AN AUTONOMOUS VEHICLE ARRANGEMENT USING ARTIFICIAL INTELLIGENCE	Application No.202341048309 A Date of filing of Application :19/07/2023 Publication Date : 01/09/2023	01/09/2023
3	Rakheeba Taseen1 Haseeba Yaseen2 Prakruthi S T3 Nidhi Joshi Parsai 4	IoT based Smart Disposal Notifier using GSM	Application No. 202341042977 Date of filing of Application : 27/06/2023 Publication Date : 01/09/2023	01/09/2023
4	1)Dr.Dhananjaya Reddy 2)Mr.Vijay Kumar Gottipati 3)Mrs.Nagendram Gella 4) Mrs.Haseeba Yaseen 5)Mr. V.R.Narasimharao Mondreti 6)Ms.A.Kavitha 7)Mr.Rathod Maheshwar 8)Mr.Ravindar Amgoth 9)Dr.S.Vinod Kumar 10)Dr.Dasari Vijaya Kumar	MACHINE LEARNING-DRIVEN AUTO- SCALING MECHANISM FOR CLOUD INFRASTRUCTURE HANDLING BIG DATA WORKLOADS	Application No.202441015529 A Date of filing of Application :01/03/2024 Publication Date : 22/03/2024	22/03/2024