



BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT

Yelahanka, Bengaluru 560 064

For the Academic Year 2023-24

Sl. No	Particular	2023-2024
1.	International Journal	11
2.	International Conference	20
3.	Book Chapters	04

INTERNATIONAL JOURNAL DETAILS (RESEARCH PUBLICATIONS)

Sl. No	Title of the Paper	Name of the Author/s	Name of the Journal	ISSN	Details of publication with doi
1	BSKM-FC: Blockchain-based secured key management in a fog computing environment	Dr. Bharathi Malakreddy A	Future Generation Computer Systems	Online ISSN: 1872-7115 Print ISSN: 0167-739X	Q1- Scopus and SCI Indexed May-2023 https://doi.org/10.1016/j.future.2022.12.042
2	IoT-Based Waste Segregation with Location Tracking and Air Quality Monitoring for Smart Cities	Dr. Niranjana Murthy M	Smart Cities	26246511	Q1- Scopus and SCI Indexed May-2023 https://doi.org/10.3390/smartcities6030071
3	Multi-Objective Fault-Coverage Based Regression Test Selection and Prioritization Using Enhanced ACO TCSP	Dr. Niranjana Murthy M	Journal of Mathematics	22277390	Q2- Scopus and SCI Indexed July-2023 https://www.mdpi.com/2227-7390/11/13/2983
4	BPCPR-FC: blockchain-based privacy preservation with				Q2- Scopus indexed Aug-2023

	confidentiality using proxy reencryption and ring signature in fog computing environments	Dr. Bharathi Malakreddy A	International Journal of Information Technology (Singapore)	25112104, 25112112	https://link.springer.com/article/10.1007/s41870-023-01373-w
5	Detection of Alzheimer's Disease Based on Cloud-Based Deep Learning Paradigm	Dr Niranjana Murthy M	Journal of Diagnostics	20754418	Q2- Scopus and SCI Indexed Aug-2023 https://www.mdpi.com/2075-4418/13/16/2687
6	A Novel Approach for Specification Testing on Heart Disease Detection Using Feed-Forward Neural Network	Dr Niranjana Murthy M	Springer SN Computer science	Electronic ISSN 2661-8907	Q2- Scopus indexed Nov-2023 DOI https://doi.org/10.1007/s42979-023-02332-9
7	Balancing of Web Applications Workload Using Hybrid Computing (CPU-GPU) Architecture	Dr Chandrasekhar B N	SN Computer Science - Springer	2662995X, 26618907	Q2- Scopus indexed Dec-2023 https://link.springer.com/article/10.1007/s42979-023-02444-2
8	A Hybrid Bio-inspired Fuzzy Feature Selection Approach for Opinion Mining of Learner Comments	Dr. Niranjana Murthy M	SN Computer Science - Springer		Q2- Scopus indexed Jan-2024 https://doi.org/10.1007/s42979-023-02526-1
9	An Effective Hybrid Model for Fake News Detection in Social Media Using Deep Learning Approach	Dr. Niranjana Murthy M	SN Computer Science - Springer		Q2- Scopus indexed March-2024 An Effective Hybrid Model for Fake News Detection in Social Media Using Deep Learning Approach SN Computer Science (springer.com)

10	Human Factors Engineering Simulated Analysis in Administrative, Operational and Maintenance Loops of Nuclear Reactor Control Unit using Artificial intelligence and Machine Learning Techniques	Dr. Shanmugasundaram	Heliyon	e30866	Q1- Scopus and SCI Indexed May-2024 https://doi.org/10.1016/j.heliyon.2024.e30866
11	Hop count, ETX and energy selection-based objective function for image data transmission over 6LoWPAN in Internet of Things	Dr. Archana Bhat	International Journal of Wireless and Mobile Computing	ISSN: 1741-1084 eISSN: 1741-1092	Q4- Scopus indexed May-2024 https://doi.org/10.1504/IJWMC.2024.138773

INTERNATIONAL CONFERENCE DETAILS

Sl. No.	Title of the Paper	Name of the Author/s	Name of the conference	Details of publication with doi	ISBN (Proceedings Book)	Indexed (WoS/Scopus only)
1	Lifetime ratio improvement in relay nodes using CWSN for cooperative wireless sensor networks	Dr Archana Bhat	2022 3rd International Conference on Communication, Computing and Industry 4.0 (C2I4)	March-2023 DOI: 10.1109/C2I456876.2022.10051217	ISBN:978-1-6654-7497-9	Scopus
2	A Trust Prediction Mechanism in Edge Communications using Optimized Support Vector Regression	Dr. Bharathi Malakreddy A	Proceedings - 7th International Conference on Computing Methodologies and Communication, ICCMC 2023	April-2023 DOI: 10.1109/ICCMC56507.2023.10083686	ISBN:978-1-6654-6409-3	Scopus
3	Transactional and Sequential model for pre-processing the textual data	Dr. M. Niranjanamurthy	2023 4th International conference on intelligent engineering and management (ICIEM), pp. 1-6. IEEE, 2023.	July-2023 https://ieeexplore.ieee.org/abstract/document/10167357 DOI: 10.1109/ICIEM59379.2023.10167357	ISBN:979-8-3503-4113-3	Scopus
4	Global Positioning System Based Wildlife Animal Tracking System	DR. K R Pradeep	2023 4th International Conference on Intelligent Engineering and Management (ICIEM)	July-2023 DOI: 10.1109/ICIEM59379.2023.10167080 https://ieeexplore.ieee.org/abstract/document/10167080 Publisher: IEEE	ISBN:979-8-3503-4113-3 DOI: 10.1109/ICIEM59379.2023.10167080	Scopus
5	Forecast Model for Scheduling	Dr Chandarashekar B N	2023 3rd International Conference on	Aug-2023 DOI: 10.1109/CONIT59222.2023.10205724	ISBN:979-8-3503-3861-4	Scopus

	an HPC Application on CPU and GPU Architecture Forecast Model for Scheduling an HPC Application on CPU and GPU Architecture		Intelligent Technologies, CONIT 2023			
6	A Comparative Study for Early Diagnosis of Alzheimer's Disease Using Machine Learning Techniques	Dr. Bharathi Malakreddy A	Lecture Notes in Networks and Systems	Oct-2023 https://link.springer.com/chapter/10.1007/978-981-99-4071-4_16 https://doi.org/10.1007/978-981-99-4071-4_16	ISBN978-981-99-4071-4	Scopus
7	AIRFACTOR -Bangalore Based Air Pollution Monitoring and Prediction Application Using Machine Learning	Dr.Kantharaju V	International Conference on Network, Multimedia and Information Technology (NMITCON),	Oct-2023 DOI: 10.1109/NMITCON58196.2023.10276050	ISBN:979-8-3503-0083-3	Scopus
8	Artificial Intelligence Scoring Algorithm for English Translation Based on DNN	Dr. Niranjanamurthy M	2023 Second International Conference On Smart Technologies For Smart Nation (SmartTechCon)	Jan-2024 DOI: 10.1109/SmartTechCon57526.2023.10391415	ISBN:979-8-3503-0542-5	Scopus

9	Research on Optimization Algorithm of Real Estate Enterprise Value Evaluation Based on BP Neural Network	Dr. Niranjnamurthy M(et.al)	2023 Second International Conference On Smart Technologies For Smart Nation (SmartTechCon)	Jan-2024 DOI: 10.1109/SmartTechCon57526.2023.10391563	ISBN:979-8-3503-0542-5	Scopus
10	Efficient Automatic Answer Evaluation System	Dr Niranjnamurthy M	2023 3rd International Conference on Mobile Networks and Wireless Communications (ICMNBC), Tumkur	Feb-2024 DOI: 10.1109/ICMNBC60182.2023.10435767	ISBN:979-8-3503-1703-9	Scopus
11	Parkinson's Disease Detection using Hand Drawn Spirals and Waves	Dr Niranjnamurthy M	2023 International Conference on Recent Advances in Science and Engineering Technology (ICRASET), B G NAGARA, India,	Feb-2024 DOI: 10.1109/ICRASET59632.2023.10420188	ISBN:979-8-3503-0693-4	Scopus
12	Chat Generative Pretrained Transformer (ChatGPT) for Data Analysis	Dr Niranjnamurthy M	2023 3rd International Conference on Mobile Networks and Wireless Communications (ICMNBC), Tumkur, India,	Feb-2024 DOI: 10.1109/ICMNBC60182.2023.10435984	ISBN:979-8-3503-1703-9	Scopus
13	Detecting Objects in Surveillance Videos with Deep Neural Networks for Crime Scene Analysis	Dr Niranjnamurthy M	2023 International Conference on Data Science, Agents & Artificial Intelligence	March-2024 DOI: 10.1109/ICDSAA159313.2023.10452608	ISBN:979-8-3503-4892-7	Scopus

			(ICDSAAI), Chennai, India,			
14	Enactment of Sales Forecasting Application using Artificial Intelligence Techniques	Dr. Niranjanamurthy M	2024 Second International Conference on Data Science and Information System (ICDSIS), Hassan, India, 2024	May-2024 https://ieeexplore.ieee.org/abstract/document/10594027 DOI: 10.1109/ICDSIS61070.2024.10594027	ISBN:979-8-3503-8167-2	Scopus
15	"Routing Strategies for Quality of Service Optimization over Vehicular Ad Hoc Networks: A Review."	Bharathi, M. A., I. S. Rajesh (et.al)	In International Conference on Smart Computing and Communication, pp. 97-111. Singapore: Springer Nature Singapore, 2024.	June-2024 DOI https://doi.org/10.1007/978-981-97-1320-2_9 https://link.springer.com/chapter/10.1007/978-981-97-1320-2_9	ISBN978-981-97-1319-6	Scopus
16	"An Internet of Things-Based Smart Asthma Inhaler Integrated with Mobile Application."	Srivani, P., A. Durga Bhavani, and R. Shankar.	In <i>International Conference on Information and Communication Technology for Intelligent Systems</i> , pp. 559-566. Springer Nature 2023.	Sept-2023 https://doi.org/10.1007/978-981-99-3758-5_50	Online ISBN978-981-99-3758-5	Scopus
17	Chat Generative Pretrained Transformer (ChatGPT) for Data Analysis	Niranjanamurthy M	2023 3rd International Conference on Mobile Networks and Wireless Communications (ICMNWC)	Feb-2024 DOI: 10.1109/ICMNWC60182.2023.10435984	Electronic ISBN:979-8-3503-1702-2	Scopus

18	Efficient Automatic Answer Evaluation System	Niranjanamurthy M	2023 3rd International Conference on Mobile Networks and Wireless Communications (ICMNWC)	Feb-2024 DOI: 10.1109/ICMNWC60182.2023.10435984	Electronic ISBN: 979-8-3503-1702-2	Scopus
19	Transactional and Sequential model for pre-processing the textual data	Niranjanamurthy M	2023 4th International Conference on Intelligent Engineering and Management (ICIEM)	March-2023 DOI: 10.1109/ICIEM59379.2023.10167357	Electronic ISBN: 979-8-3503-4112-6	Scopus
20	Parkinson's Disease Detection using Hand Drawn Spirals and Waves	Niranjanamurthy M	2023 International Conference on Recent Advances in Science and Engineering Technology (ICRASET)	Fb-2023 DOI: 10.1109/ICRASET59632.2023.10420188	Electronic ISBN: 979-8-3503-0692-7	Scopus

BOOK CHAPTER DETAILS

Sl. No.	Title of the Book	Title of the Book Chapter Published	Name of the Author/s	ISBN/DOI	Publisher name	Indexed in WoS/Scopus (Yes/No)
1	Application of Artificial Intelligence in Resource-Poor Healthcare	AI-Driven Digital Twin and Industry 4.0: A Conceptual Framework with Applications	Dr.Pradeep K R	9781003395416	CRC Press _Taylor & Francis Group, LLC	Scopus
2	Data Wrangling: Concepts, Applications and Tools	Use and Application of Artificial Intelligence in Accounting and Finance	Dr. Niranjnamurthy M (et. al.)	doi.org/10.1002/9781119879862.ch12	CRC Press _Taylor & Francis Group, LLC	Scopus
3	AI's Role in Enhanced Automotive Safety	NLP Voice Assistance for IoT Autonomous Vehicles Using ML Algorithms for Seamless Navigation	K. Sudhakar, P. Srivani	DOI: 10.4018/979-8-3373-0442-7.ch023	IGI Global	Scopus
4	Data wrangling: Concepts, applications and tools	<i>Data Wrangling: Concepts, Applications and Tools.</i>	Niranjanamurthy, M.	https://books.google.co.in/books?hl=en&lr=&id=5LnGEAAQBAJ&oi=fnd&pg=PP1&dq=Data+wrangling:+Concepts,+applications+and+tools&ots=nVsiKgGtTw&sig=Gdo_2a4-rSSvspFINh1OZ9NIwno#v=onepage&q=Data%20wrangling%3A%20Concepts%2C%20applications%20and%20tools&f=false	John Wiley & Sons, 2023.	Scopus