



BMS INSTITUTE OF TECHNOLOGY and MANAGEMENT
Yelahanka, Bengaluru-560 064

Department of AI & ML

Sl. No	Particular	2021-2022
1.	International Journal	05
2.	International Conference	09
3.	Book Chapters	01

FACULTY CONTRIBUTION YEAR- 2021-2022

INTERNATIONAL JOURNAL

Sl. No	Paper Title	Name of the Faculty	Journal/Conference Name	DOI & Link	Date	Scopus/ WoS / UGC
1.	" Optimization of sub-space clustering in a high dimension data using Laplacian graph and machine learning	Bharathi M A	International Journal of Bioinformatics Research and Applications	10.1504/IJBRA.2022.121763 ISSN online 1744-5493 ISSN print 1744-5485	March-2022	Q3- Scopus
2.	A novel method for automatic identification of fovea location and its centre in colour retinal fundus images	Bharati M. A Rajesh I S	International Journal of Medical Engineering and Informatics	https://doi.org/10.1504/IJMEI.2021.113390	Aug-2021	Q4- Scopus
3.	"ECC Based multifactor authentication and key generation system for IoT healthcare."	Bharathi M A	Turkish Journal of Computer and Mathematics Education 12, no. 11 (2021): 5026-5032.	https://www.proquest.com/scholarly-journals/ecc-based-multifactor-authentication-key/docview/2639737516/se-2?accountid=212845	Aug-2021	Scopus
4.	Improved Machine Learning Method for Intracranial Tumor Detection with Accelerated Particle Swarm Optimization"	Pradeep K R	International Journal Hindawi Journal of Healthcare Engineering	https://doi.org/10.1155/2022/1128217	March-2022	Q2- WoS

5.	Machine Learning with Data Science-Enabled Lung Cancer Diagnosis and Classification Using Computed Tomography Images	Vishwa Kiran S	International Journal of Image and Graphics	https://www.worldscientific.com/doi/abs/10.1142/S0219467822400022 ISSN (print): 0219-4678	Oct-2021	Q3- Scopus
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INTERNATIONAL CONFERENCE

Sl. No	Paper Title	Name of the Faculty	Journal/Conference Name	DOI & Link	Date	Journal Type Scopus/ WoS / UGC
1	"SparseMAX: Accelerating Quantum Neural Networks on GPU Clusters Using Sparse-Matrix Kernels."	Dr. Bharathi M A	International Conference Springer- International Conference on Embedded Computer Systems	https://doi.org/10.1007/978-3-031-04580-6_28 Electronic ISSN 1611-3349 Print ISSN 0302-9743	April-2022	Scopus
2	"Deep Learning Based Mammogram Image Classification."	Dr. Bharathi M A	Springer- In International Conference on Image Processing and Capsule Networks	https://doi.org/10.1007/978-3-030-84760-9_59 Electronic ISSN 2367-3389 Print ISSN 2367-3370	Sept-2021	Scopus
3	Detection of chronic lung disorder using deep Learnin	Dr. Pradeep K R	International Conference 2022 4th International Conference on Cognitive Computing and Information Processing,	10.1109/CCIP57447.2022.10058633	Dec -2022	Scopus
4	Performance Analysis of Water Quality Monitoring System in IoT Using Machine Learning Techniques	Dr. Rakesh N	International Conference on Forensics, Analytics, Big Data, Security	https://ieeexplore.ieee.org/abstract/document/9702592	Feb-2022	Scopus
5	Text Detection and Language Identification on Natural Scene Images Using Faster R-CNN	Dr. Rakesh N	International Conference on Forensics, Analytics, Big Data, Security (Fabs-2021), Dec 21-22, 2021	https://ieeexplore.ieee.org/abstract/document/9702581	Feb-2022	Scopus
6	A Novel Approach in Credit Card Fraud Detection System Using Machine Learning Techniques	Dr. Rakesh N	International Conference on Forensics, Analytics, Big Data, Security (Fabs-2021), Dec 21-22, 2021.	https://ieeexplore.ieee.org/abstract/document/9702672	Feb-2022	Scopus
7	A Proposed Academic Chatbot System Using NLP	Dr. Rakesh N	6th International Conference on Trends in Electronics and Informatics Icoei 2022 28-30, April 2022,	https://ieeexplore.ieee.org/abstract/document/9777231	April-2022	Scopus

			Cheranmahadevi, Tirunelveli, India.			
8	Covid-19 Social Distancing Detector Using Internet of Things	Dr. Rakesh N	International Conference 6th International Conference on Trends in Electronics and Informatics Icoei 2022 28-30, April 2022, Cheranmahadevi, Tirunelveli, India.	https://ieeexplore. re.ieee.org/abstr act/document/9 777185	April- 2022	Scopus
9	Detection of chronic lung disorder using deep Learning	Dr. Anupama H S	International Conference 2022 4th International Conference on Cognitive Computing and Information Processing,	https://ieeexplore. re.ieee.org/abstr act/document/1 0058633	Dec- 2022	Scopus

Book/Book Chapters:

Sl. No.	Title of the Book /Book Chapters Published	Name of the Author/s	ISBN/ISSN Numbers	Publisher name
1	Use and application of artificial intelligence in accounting and finance: Benefits and challenges	Dr Niranjanamurthy M	ISBN:9781119879688 DOI Link: https://doi.org/10.1002/978111987 9862.ch12	WILEY Jul 2022