

Nitte Meenakshi Institute of Technology
Department of Information Science & Engineering

❖ **Journal Publications**

2023-24

Author(s) Name	Title of the Paper	Title of the Journal	Publications Details			Online link/DOI	Indexing
			Vol/Issue	Page No.	Year		
Prakyath Prakash Thalya, Sumana Sinha, Krishnamurthy Sainath, Shabnam Siddiqui	Computational Intelligence Modelling of Methylene Blue Adsorption by Metal-Organic Frameworks	Indian Chemical Engineer (TICE)	66/4	349-365	June, 2024	10.1080/00194506.2024.2370861	SCI
K Aditya Shastry, Akshatha G C, Naresh E, Karthik D U, Mohan Kumar T G	A Framework for Spam Toxicity Level Detection using Machine Learning Models	International Journal of Intelligent Systems and Applications in Engineering	12/3		June, 2024	https://ijisae.org/index.php/IJISAE/article/view/5735	Scopus
K Aditya Shastry	A Generic Integrated Framework of Unsupervised Learning and Natural Language Processing Techniques for Digital Healthcare: A	Recent Advances in Computer Science and Communications	18/2		3rd, June, 2024	10.2174/0126662558297036240527120451	Scopus

	Comprehensive Review and Future Research Direction						
Manoj Kumar M V, Ajay Kumara M	A Deep Learning Approaches for Ransomware Detection: A Comprehensive Survey,	Recent Advances in Computer Science and Communications	17	1-19		10.2174/0126662558279673240515054741	Scopus
Surendra, Manoj Kumar M V, Shiva Darshan S L, Prashanth B S	CXNet - A Novel approach for COVID-19 detection and Classification using Chest X-Ray image	Procedia Computer Science	235	2486-2497	31st May 2024	https://doi.org/10.1016/j.procs.2024.04.234	Scopus
Prasanna Kumar G, Rajeshwari D, Darshini Y, Ajay Kumara M.A, Manoj Kumar M V and Hardik Gohel	Exploring Deep Learning Approaches for Ransomware Detection: A Comprehensive Survey	Recent Advances in Computer Science and Communications	18/2		29 May, 2024	10.2174/0126662558279673240515054741	Scopus
Biradar, Vidyadevi G., and Kishore Kumar Naik	Detection of Malnutrition in Children Using Deep Learning Model	<i>International Conference on Smart Computing and Communication.</i> Singapore: Springer Nature Singapore	946	35-45	26th, May, 2024	https://doi.org/10.1007/978-981-97-1323-3_4	Scopus
Chavan, Pundalik Hanumanthappa, H. Satish, E. G. Manoli, Sunil	Enhanced Hybrid Intrusion Detection System with Attention	SN Computer Science	5/534		10th May, 2024	https://doi.org/10.1007/s42979-024-02852-y	Scopus

Supreeth, S. Rohith, S. Ramaprasad, H. C.							
Kushal G, Srinivas D B	Recent Advancements and Challenges in Object Detection and Color Identification: A Survey	HLT Journal	30/5	768-784	5th, May, 2024	DOI.org/10.37896/HTL30.5/10772	Scopus
Archana Mathur, Nikhil Arya, K. Pasupa, Sriparna Saha, S.R. Dey, and S. Saha	<i>Breast Cancer Prognosis through the Use of Multi-Modal Classifiers: Current State of the Art and the Way Forward</i>	<i>Briefings in Functional Genomics, Oxford University Press</i>		561-569	30th April, 2024	https://doi.org/10.1093/bfgp/ela015	Scopus
Ankalaki, Shilpa, Vidyadevi G. Biradar, Kishor Kumar Naik P, and Geetabai S. Hukkeri	A Deep Learning Approach for Malnutrition Detection	<i>International Journal of Online & Biomedical Engineering</i>	20/6	116-138	April, 2024	https://doi.org/10.3991/ijoe.v20i06.46919	SCI
Neerav Nishant, Parul Saxena, S.G. Surya, Ullal Akshatha Nayak, Subharun Pal	SECURING CYBERSPACE AGAINST CYBERBULLYING: A WIRELESS NETWORK SECURITY PERSPECTIVE	ICTACT Journal on Communication Technology	15/1	3146-3152	5th, April 2024	10.21917/ijct.2024.0468	UGC CARE 1
K Aditya Shastry, Akshatha G C, Naresh E, Karthik D U, Mohan Kumar T G	A Framework for Spam Toxicity Level Detection using Machine Learning Models	International Journal of Intelligent Systems and Applications in Engineering	12/3	2626-2634	24, March, 2024	https://www.scopus.com/sourceid/21101021990	Scopus

K Aditya Shastry, Mohan M, Manjunatha B A	Reinforcement Learning for Seamless Healthcare: A Conceptual Hybrid Approach for Patients with Chronic Conditions	High Technology Letters	30	221-230	21 st , March, 2024	10.37896/HTL30.3/10320	Scopus
Sujay N. Hegde, D. B. Srinivas, M. A. Rajan, Sita Rani, Aman Kataria & Hong Min	Multi-objective and multi constrained task scheduling framework for computational grids	Scientific Reports	14/65 21		19 th , March, 2024	https://doi.org/10.1038/s41598-024-56957-8	Scopus (Q1)
Aditi Prabhune, Archana Mathur, Snehanshu Saha, Ranjan Dey	Predictive, Correlative, and Machine Learning Models for Estimating Viscosity of Liquid Mixtures	Journal of Molecular Liquids	397/1		1 st March, 2024	https://doi.org/10.1016/j.molliq.2024.124147	Scopus (Q2)
Dr. Deepika K M, Sanjay, H.A. & Mohan Murthy	Quasi-Sensitivity Privacy Reserving for Securing Personalized Records Using Hyper- spectral Neural Classification for Improved Cloud Security	SN Computer Science	5	180	10 th , Janu ary, 2024	https://doi.org/10.1007/s42979-023-02533-2	Scopus (Q2)
Dr. Manjunatha B A, Dr. K Aditya Shastry, Naresh E, Piyush K Pareekh, Kadiri T Reddy	A network intrusion detection framework on sparse deep denoising auto-encoder for dimensionality reduction	Soft Computing Journal	28	4503-451 7	30 th , Novembe r, 2023	https://doi.org/10.1007/s00500-023-09408-x	Scopus (Q1)
K. Aditya Shastry, H.A.Sanjay	Artificial Intelligence Techniques for the effective	Multimedia Tools and Applications			7 th , Octob er, 2023	https://doi.org/10.1007/s11042-023-16928-z	Scopus (Q2)

	diagnosis of Alzheimer's Disease: A Review						
Harshit Shahi, K Aditya Shastry, Chethna Pathak, Abhiruchi Verma, Nilesh Verma	Predictive Pricing Model for Shared Economy Ride Applications: Incorporating Latest Data and Factors	Electronic Governance with Emerging Technologies. EGETC 2023	1888	24-37	16, September, 2023	https://doi.org/10.1007/978-3-031-43940-7_3	Scopus
K Aditya Shastry, Aravind Shastry	An integrated deep learning and natural language processing approach for continuous remote monitoring in digital health	Decision Analytics Journal	8	1-14	September, 2023	https://doi.org/10.1016/j.dajour.2023.100301	Scopus
J.Jagadeesan, Subashree D, D.Nancy Kirupanithi	An Optimized Ensemble Support Vector Machine-Based Extreme Learning Model for Real-Time Big Data Analytics and Disaster Prediction	Cognitive Computation	15	2152-2174	19 th August 2023	https://doi.org/10.1007/s12559-023-10176-x	Scopus (Q1)
Udo Christian Braendle, Nasser Almuraqab, M. V. Manoj Kumar & Ananth Rao	Digital Risk in International Business Management and Allied Areas in India, the UAE, and Austria	Technological Sustainability and Business Competitive Advantage. Internet of Things.		283-306	15 th August 2023	https://doi.org/10.1007/978-3-031-35525-7_17	Scopus (Q2)
R. C Evangeline, R. Eswin Priya Angel	A Novel Approach for Flexible Nurse Rostering Allotment Using the Nature Inspiration Bee Colony	SN Computer Science	4/5	612	11, August, 2023	https://doi.org/10.1007/s42979-023-02048-w	Scopus (Q2)

	Optimization (BCO) Algorithm						
K Aditya Shastry, Manjunatha B A	An automated deep learning system for accurate identification of pneumonia and covid-19 from chest X-Ray images	International Journal of Computing and Digital Systems	14/1	507-517	2023	http://dx.doi.org/10.12785/ijcds/140139	Scopus
Shreyas J, Sudhakar K, I. Bhuvaneshwarri, Thamaraiselvan B, Lakshmi.M, Pooja Nayak S	Enhancing Cybersecurity Through Machine Learning Based Anomaly Detection in IOT Network	International Journal on Recent and Innovation Trends in Computing and Communication	11/10	2276-228 1	2023	https://doi.org/10.17762/ijritcc.v11i10.8948	Scopus