

2021-2022							
SL No.	Authors	DOI	Title of the paper	Month	Year	Source Title	Source
Journal List							
1	Pragya Jha Madhusmita Sahu Sukant Kumar Bisoyi	https://doi.org/10.3390/electronics11132062	Application of Model-Based Software Testing in the Health Care Domain	June	2022	MDPI, Electronics	SCIE
2	Arabinda Pradhan Sukant Kumar Bisoyi Mangal Sain	https://doi.org/10.1155/2022/6456242	Action-based Load Balancing Technique in Cloud Network using Actor-Critic-Swarm Optimization	June	2022	Wireless Communications and Mobile Computing, Hindawi	Scopus
3	Sudhansu R. Lenka Sukant Kumar Bisoyi Rojalina Priyadarshini Mangal Sain	https://doi.org/10.1155/2022/6584352	Empirical Analysis of Ensemble Learning for Imbalanced Credit Scoring Datasets: A Systematic Review	June	2022	Wireless Communications and Mobile Computing, Hindawi	Scopus
4	Rakesh Ranjan Kumar Abhinav Tomar Mohammad Shameem Md. Nasre Alam	https://doi.org/10.1155/2022/2019485	Optcloud: an optimal cloud service selection framework using QoS correlation lens	May	2022	Computational Intelligence and Neuroscience, Hindawi	Scopus
5	Bichitranada Behera , G.Kumaravelan , V.K. Mixymol	https://doi.org/10.14704/nq.2022.20.8.NQ44106	Multi-label Text Document Classification using Fuzzy Rough Set based on Robust Nearest Neighbor Method	May	2022	NeuroQuantology	Scopus
6	Pradyumna Kumar Saroj Kumar Rout Sukant Kishoro Bisoy	https://doi.org/10.1109/ACCESS.2022.3174369	Training Strategy of Fuzzy-Firefly based ANN in Non-linear Channel Equalization	May	2022	IEEE ACCESS	SCI
7	Rojalina priyadarshini Rabindra K. Barik	https://doi.org/10.1016/j.jksuci.2019.04.010	A deep learning based intelligent framework to mitigate DDoS attack in fog environment	April	2022/2019	Journal of King saud University	SCIE
8	Hadi Ezaldeen Sukant Kishoro Bisoy Rawa	https://doi.org/10.13052/jwe1540-9589.2148	Semantics-Aware Conceptual Learner Modelling Using Normalized PSO for Personalized E-learning	April	2022	Journal of Web Engineering, River	SCIE
9	Rawaa Alatrash, Rojalina Priyadarshini, Hadi Ezaldeen and Akram Alhinnawi	https://doi.org/10.13052/jwe1540-9589.2141	A Hybrid Recommendation Integrating Semantic Learner Modelling and Sentiment Multi-Classification	April	2022	Journal of Web Engineering	SCIE

10	Sun Sik Lee Thanh Dat Nguyen Pramod Kumar Meher Sang Yoon Park	https://doi.org/10.1109/ACCESS.2022.3162066	Energy-Efficient High-Speed ASIC Implementation of Convolutional Neural Network Using Novel Reduced Critical-Path Design	March	2022	IEEE ACCESS	SCI
11	Supriya Aggarwal Pramod Kumar Meher	https://doi.org/10.1007/s00034-022-01993-w	Enhanced Sharpening of CIC Decimation Filters, Implementation and Applications	March	2022	Circuits, Systems, and Signal Processing, Springer	SCIE
12	Mamata P. Wagh Prof. P. K. Nanda	https://doi.org/10.1016/j.asoc.2022.108596	Decision-Theoretic Rough Sets based automated scheme for object and background classification in unevenly illuminated images	February	2022	Applied Soft Computing	SCI
13	Qusay Sellat Sukant Kishoro Bisoy Rojalina Priyadarshini	https://doi.org/10.1155/2022/6390260	Intelligent Semantic Segmentation for Self-Driving Vehicles Using Deep Learning	January	2022	Computational Intelligence and Neuroscience, Hindawi	Scopus
14	Hadi Ezaldeen Rachita Mishra Sukant Kishoro Bisoy Rojalina Priyadarshini	https://doi.org/10.1016/j.websem.2021.100709	A Hybrid E-Learning Recommendation Integrating Adaptive Profiling and Sentiment Analysis	December	2021	Journal of Web Semantics (Elsevier)	SCI
15	Lopamudra Hota , Prasant Kumar Dash	https://dx.doi.org/10.36647/CIML/02.02.A001	Prediction of Customer Churn in Telecom Industry: A Machine Learning Perspective	October	2021	Computational Intelligence and Machine Learning	Scopus
16	M.R.Panda S.S.kar A.K.nanda R.Priyadarshini	https://doi.org/10.1007/s00371-021-02332-x	Feedback through emotion extraction using logistic regression and CNN	August	2021	The Visual Computer	SCIE
Conference List							
1	Pramod Kumar Hota , Lopamudra Hota , Prasant Kumar Dash	https://doi.org/10.1201/9781003252009	Blockchain in Digital Libraries State of the Art, Trends, and Challenges	June	2022	Machine Learning Adoption in Blockchain-Based Intelligent Manufacturing, Taylor & Francis	Scopus
2	Anjana Mishra, Nisha Kumari, Sukant Kishoro Bisoy & Soumya Sahoo	https://doi.org/10.1007/978-3-030-97929-4_2	Integration of Medical Internet of Things with Big Data in Healthcare Industry	May	2022	Connected e-Health	Scopus

3	Anjana Mishra, Siddha Sachida Mohapatra & Sukant Kishoro Bisoy	https://doi.org/10.1007/978-981-19-1076-0_8	Effective Deep Learning Algorithms for Personalized Healthcare Services	April	2022	Augmented Intelligence in Healthcare: A Pragmatic and Integrated Analysis	Scopus
4	Suneel Kumar Rath, Madhusmita Sahu, Shom Prasad Das & Srikanta Kumar Mohapatra	https://doi.org/10.1109/ESCI53509.2022.9758339	Hybrid Software Reliability Prediction Model Using Feature Selection and Support Vector Classifier	March	2022	2022 International Conference on Emerging Smart Computing and Informatics (ESCI)	Scopus
5	Santoh Kr. Sharma A.Priyadarshi S.K Mohapatra	https://doi.org/10.1007/978-3-031-11713-8_4	Comparative Analysis of Different Classifiers Using Machine Learning Algorithm for Diabetes Mellitus	February	2022	International Conference on Metaheuristics in Software Engineering and its Application METASOFT 2022: Springer	Scopus
6	Swatipira Das Jayanti Rout Rojalina Priyadarshini Minati Mishra	https://dx.doi.org/10.2139/ssrn.4091413	A Comparative Analysis of the Consensus Algorithms in Blockchain Technology	February	2022	SSRN International Conference on Innovative Computing & Communication (ICICC) 2022	Scopus
7	Suneel Kumar Rath, Madhusmita Sahu, Shom Prasad Das & Jitesh Pradhan	https://doi.org/10.1007/978-3-031-11713-8_5	Survey on Machine Learning Techniques for Software Reliability Accuracy Prediction	February	2022	International Conference on Metaheuristics in Software Engineering and its Application	Scopus
8	Pragya Jha, Madhusmita Sahu & Sukant Kishoro Bisoy	https://doi.org/10.1007/978-3-031-11713-8_9	Model-Based Smoke Testing Approach of Service Oriented Architecture (SOA)	February	2022	International Conference on Metaheuristics in Software Engineering and its Application	Scopus
9	Suneel Kumar Rath, Madhusmita Sahu, Shom Prasad Das & Jitesh Pradhan	https://doi.org/10.1007/978-3-031-11713-8_23	An Improved Software Reliability Prediction Model by Using Feature Selection and Extreme Learning Machine	February	2022	International Conference on Metaheuristics in Software Engineering and its Application	Scopus

10	Soumya Snigdha Mohapatra, Rakesh Ranjan Kumar	https://doi.org/10.1007/978-3-031-11713-8_29	A Framework for Ranking Cloud Services Based on an Integrated BWM-Entropy-TOPSIS Method	February	2022	International Conference on Metaheuristics in Software Engineering and its Application	Scopus
11	Quessy Sellot, Sukant Kishoro Bisoy, Rojalina Priyadarshini	https://doi.org/10.1016/B978-0-323-85117-6.00002-9	Semantic Segmentation for Self-driving Cars using Deep Learning: A Survey	January	2022	Cognitive Big data Intelligence with Meta-Heuristic Approach	Scopus
12	Arabinda Pradhan, Sukant Kishoro Bisoy	https://doi.org/10.1016/B978-0-323-85117-6.00004-2	Inertia Weight Strategies for Task Allocation using Meta-heuristic Algorithm	January	2022	Cognitive Big data Intelligence with Meta-Heuristic Approach	Scopus
13	Lopamudra Hota, Prasant Kumar Dash	https://doi.org/10.4018/978-1-7998-9183-3.ch004	A Taxonomy of Quantum Computing Algorithms: Advancements and Anticipations	NA	2022	Technology Road Mapping for Quantum Computing and Engineering, IGI Global	Scopus
14	Akanksha Deep, Prasant Kumar Dash	https://doi.org/10.1002/9781119681984.ch11	Applications of Cuckoo Search Algorithm for Optimization Problems	November	2021	Nature-Inspired Algorithms Applications, Willey	Scopus
15	Lopamudra Hota; Prasant Kumar Dash; Kshira Sagar Sahoo; Amir H. Gandomi	https://doi.org/10.1109/ISCMI53840.2021.9654925	Air quality index analysis of Indian cities during COVID-19 using machine learning models: a comparative study	November	2021	2021 8th International Conference on Soft Computing & Machine Intelligence (ISCMI)	Scopus
16	Safa Alfattama, Priyadarshi Kanungo, Sukant Kishoro Bisoy	https://doi.org/10.1109/APSIT52773.2021.9641286	Face Recognition from Partial Face Data	October	2021	International Conference in Advances in Power, Signal, and Information Technology (APSIT)	Scopus

17	Ahmad Fakhr Aldeen Sattout, Sukant Kishoro Bisoy	https://doi.org/10.1109/RTEICT52294.2021.9573915	Frontal Facial Expression Recognition Based on Convolutional Neural Network and Haar-Cascade Descriptors	August	2021	International Conference on Recent Trends on Electronics, Information, Communication & Technology (RTEICT)	Scopus
18	Nishant Kashyap, Anjana Mishra, Brojo Kishore Mishra	<u>NA</u>	Artificial Neural Networks: Fundamentals, Design, and Applications	July	2021	Handbook of Research for Big Data Concepts and Techniques	Scopus