

FUNDED CONSULTANCY PROJECTS

BLUMETRA
Solutions, California,
US. in the year 2022.

Co-Principal Investigator

Funding received for Rs. 27,30,992/- towards a consultancy project on "**Automated Data Labeling & Modelling (ADLM)**"

EDITORSHIP EXPERIENCE

Guest Editor Journals

May 2022

Lead Editor : Tarek Gaber, Guest Editors: **Hrudaya Kumar Tripathy**, Chin-Shiuh Shieh. Computational Intelligence Techniques for Healthcare 4.0: Medical Image Analysis [Special Issue at Journal of Healthcare Engineering, Impact Factor 2.682].

<https://www.hindawi.com/journals/jhe/si/269467/>

Edited BOOKs PUBLISHED

Indexing	Year	Editors/Authors Details	Book Name/ Publisher/ Link
Scopus	2023	Hrudaya Kumar Tripathy , Sushruta Mishra, Minakhi Rout, Samaresh Mishra	"Optimized Computational Intelligence Driven Decision Making: Theory, Application and Challenges" , Scrivener Publishing, https://www.scrivenerpublishing.com/series.php?id=Industry%205.0%20Transformation%20Applications
Scopus	2022	Sushruta Mishra, Hrudaya Kumar Tripathy , Pradeep Kumar Mallick, Khaled Shaalan	"Augmented Intelligence in Healthcare: A Pragmatic and Integrated Analysis", Studies in Computational Intelligence, Springer Singapore, ISBN: 978-981-19-1076-0 https://link.springer.com/book/10.1007/978-981-19-1076-0
Scopus	2021	Sushruta Mishra, Hrudaya Kumar Tripathy , Pradeep Kumar Mallick	Frameworks and Applications of Cognitive Big Data Intelligence with Meta-Heuristic Approach, Biomedical Engineering, Elsevier Publication. Paperback ISBN: 9780323851176 https://www.elsevier.com/books/cognitive-big-data-intelligence-with-a-meta-heuristic-approach/chae/978-0-323-85117-6
Scopus	2021	Sushruta Mishra, Hrudaya Kumar Tripathy , Pradeep Kumar Mallick, B.S.P. Mishra,	"Impact of AI an Data Science in Response to Corona Virus Pandemic", Algorithms for Intelligent Systems, Springer Singapore. ISBN 978-981-16-2786-6 (eBook), ISBN 978-981-16-2785-9(Hardcover) https://www.springer.com/gp/book/9789811627859#otherversion=9789811627866
Scopus	2021	Hrudaya Kumar Tripathy , Sushruta Mishra, Pradeep Kumar Mallick, Amiya Ranjan Panda,	"Technical Advancements of Machine Learning in Healthcare", Studies in Computational Intelligence, Springer Publication. ISBN 978-981-334-698-7 https://www.springer.com/gp/book/9789813346970
	2021	Pradip Kumar Das, Hrudaya Kumar Tripathy , Shafiz Affendi Mohd Yusof,	"Privacy and Security Issues in Big Data", Services and Business Process Reengineering, Springer Nature Publication. ISBN 978-981-16-1007-3(eBook), ISBN 978-981-16-1006-6(Hardcover) https://www.springer.com/gp/book/9789811610066
	2013	Seyyed Meisam Taheri, Hrudaya Kumar Tripathy , Hidehiko Yamamoto,	"An Autonomous Intelligent tool for Problem Solving in Programming: Problem Solving tool in Programming Integrated with Social Network", LAP LAMBERT Academic Publishing (2013-10-12), GmbH & Co. KG.(Germany), ISBN-10: 3659474320, ISBN-13: 978-3659474323. https://www.amazon.com/Autonomous-Intelligent-Problem-Solving-Programming/dp/3659474320

REFEREED PUBLICATIONS

BOOK Chapters

Indexing	Year	Book Name	Chapter Details	Volume/ Page No.
(SCOPUS)	2022	Next Generation Healthcare Informatics. Studies in Computational Intelligence, Springer.	Abhishek, Tripathy, H. K. , Mishra, S. "A Succinct Analytical Study of the Usability of Encryption Methods in Healthcare Data Security". https://doi.org/10.1007/978-981-19-2416-3_7	Vol 1039.

(SCOPUS)	2022	Augmented Intelligence in Healthcare: A Pragmatic and Integrated Analysis, Springer.	A Mishra, K Moin, M Shrivastava, H. K. Tripathy , "Relevance of Blockchain in Revolutionizing Health Records" https://doi.org/10.1007/978-981-19-1076-0_16	Vol 1024, pp. 301-314
(SCOPUS)	2022	Research Anthology on Big Data Analytics, Architectures, and Applications, IGI Global	Sushruta Mishra, Hrudaya Kumar Tripathy , Brojo Kishore Mishra and Soumya Sahoo, "Usage and analysis of big data in E-health domain". DOI: 10.4018/978-1-6684-3662-2.ch020	pp 417-430
(SCOPUS)	2021	Hybrid Artificial Intelligence and IoT in Healthcare. Intelligent Systems Reference Library, Springer.	Devyani Bairagya, Hrudaya Kumar Tripathy, Akash Kumar Bhoi, Paolo Barsocchi, "Impact of Artificial Intelligence in Health care: A Study". https://doi.org/10.1007/978-981-16-2972-3_15	Vol 209, pp 311-328.
	2021	Privacy and Security Issues in Big Data. Services and Business Process Reengineering. Springer	Lewlisa Saha, Hrudaya Kumar Tripathy , Laxman Sahoo, "Business Intelligence Influenced Customer Relationship Management in Telecommunication Industry and Its Security Challenges". https://doi.org/10.1007/978-981-16-1007-3_10	pp 175-18.
(SCOPUS)	2021	Technical Advancements of Machine Learning in Healthcare, Studies in Computational Intelligence, Springer.	Deep Mukherjee, Hrudaya Kumar Tripathy , and Sushruta Mishra, "Scope of Medical Bots in Clinical Domain". https://link.springer.com/content/pdf/10.1007/978-981-33-4698-7.pdf#page=345	Vol 936, pp.339-363.
(SCOPUS)	2021	Bio-inspired Neurocomputing, Springer.	Sushruta Mishra, Hrudaya Kumar Tripathy , Biswa Acharya, "A Precise Analysis of Deep Learning for Medical Image Processing". https://link.springer.com/chapter/10.1007/978-981-15-5495-7_2	pp. 25-41.
	2021	Internet of Things: Enabling Technologies, Security and Social Implications, Springer.	Hrudaya Kumar Tripathy , Sushruta Mishra, Krushnakanta Dash, "Significance of IoT in Education Domain". https://www.springer.com/gp/book/9789811586200	pp. 59-83.
(SCOPUS)	2020	Robotic Systems: Concepts, Methodologies, Tools, and Applications, IGI Global.	Sushruta Mishra, Brojo Kishore Mishra, Hrudaya Kumar Tripathy , "Significance of Biologically Inspired Optimization Techniques in Real-Time Applications". https://www.igi-global.com/chapter/significance-of-biologically-inspired-optimization-techniques-in-real-time-applications/244007	pp. 224-248.
(SCOPUS)	2019	Handbook of Data Science Approaches for Biomedical Engineering, Academic Press	Sushruta Mishra, Brojo Kishore Mishra, Hrudaya Kumar Tripathy , Arijit Dutta, "Analysis of the role and scope of big data analytics with IoT in health care domain". https://www.scribd.com/book/435244292/Handbook-of-Data-Science-Approaches-for-Biomedical-Engineering	pp. 1-23.
(SCOPUS)	2019	Advances in Computing and Data Sciences, Springer.	Camellia Ray, H. K. Tripathy , Sushruta Mishra. "A Review on Facial Expression Based Behavioral Analysis Using Computational Technique for Autistic	pp.450-464

			Disorder”. https://link.springer.com/chapter/10.1007/978-981-13-9942-8_43	
(SCOPUS)	2018	Big Data Processing Using Spark in Cloud. Studies in Big Data, Springer.	Le Hoang Son, Hrudaya Kumar Tripathy , Biswa Ranjan Acharya, Raghvendra Kumar, Jyotir Moy Chatterjee, “Machine Learning on Big Data: A Developmental Approach on Societal Applications”. https://www.springer.com/gp/book/9789811305498	vol 43, pp. 143-168
(SCOPUS)	2018	Big Data Management and the Internet of Things for Improved Health System, IGI Global Press.	Sushruta Mishra, Hrudaya Kumar Tripathy , Brojo Kishore Mishra, Sunil Kumar Mohapatra. “A Succinct Analysis of Applications and Services Provided by IoT”. https://www.igi-global.com/chapter/a-succinct-analysis-of-applications-and-services-provided-by-iot/196044	pp. 142-162
(SCOPUS)	2018	Big Data Management and the Internet of Things for Improved Health System, IGI Global Press.	Sushruta Mishra, Hrudaya Kumar Tripathy , Brojo Kishore Mishra, Soumya Sahoo "Usage and Analysis of Big Data in E-Health domain". https://www.igi-global.com/chapter/usage-and-analysis-of-big-data-in-e-health-domain/196048	pp. 230-242
(SCOPUS)	2017	Internet of Things (IoT): Technologies, Applications, Challenges and Solutions, CRC press	Hrudaya Kumar Tripathy & B. K. Tripathy, “Applications of IoT to address the solutions for children affected by Autism Spectrum Disorders”. https://www.taylorfrancis.com/books/internet-things-iot-tripathy-anuradha/e/10.1201/9781315269849	pp. 295-326
(SCOPUS)	2017	Modern Technologies for Big Data Classification and Clustering, IGI Global Press,	Sushruta Mishra, Brojo Kishore Mishra, Hrudaya Kumar Tripathy , Monalisa Mishra, Bijayalaxmi Panda “Use of Social Network Analysis In Telecommunication Domain”. https://www.igi-global.com/chapter/use-of-social-network-analysis-in-telecommunication-domain/185982	pp. 152-178.
(SCOPUS)	2017	Bio-Inspired Computing for Information Retrieval Applications, IGI Global Press	Sushruta Mishra, Brojo Kishore Mishra, Hrudaya Kumar Tripathy , “Significance of Biologically Inspired Optimization Techniques in Real-Time Applications”. https://www.igi-global.com/chapter/significance-of-biologically-inspired-optimization-techniques-in-real-time-applications/177986	pp. 150-180.

REFERRED JOURNALS

Journal Category/ Indexing	Year	Journal Name	Paper Details	Volume/ Page No.
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Q1 (WoS/ SCIE/ SCOPUS)	2025	Energies, MDPI	Sunil Kumar Mohapatra, Sushruta Mishra, Hrudaya Kumar Tripathy, Akash Kumar Bhoi, Paolo Barsocchi, "A Pragmatic Investigation of Energy Consumption and Utilization Model" https://doi.org/10.3390/en18133351	Vol 18(13), pp. 3351
Q3 SCOPUS	2024	International Journal of Advanced Computer Science and Applications	Raghu D., Hrudaya Kumar Tripathy, Borreo, Raiza, "A Novel Graph Convolutional Neural Networks (GCNNs)-based Framework to Enhance the Detection of COVID-19 from X-Ray and CT Scan Images" 10.14569/IJACSA.2024.0150473	Vol 15(4), pp. 716–721
Q1 (WoS/ SCIE/ SCOPUS)	2024	Digital Health, SAGE Publications	Sushruta Mishra, Pamela Chaudhury, Hrudaya Kumar Tripathy, Kshira Sagar Sahoo, NZ Jhanjhi, Asma Abbas Hassan Elnour, Abdelzahir Abdelmaboud, "Enhancing health care through medical cognitive virtual agents" https://doi.org/10.1177/20552076241256732	Vol 10, pp. 1-20
Q2 SCOPUS	2024	Informatics in Medicine Unlocked, Elsevier	Archana Senapati, Hrudaya Kumar Tripathy , Vandana Sharma, Amir H. Gandomi, "Artificial intelligence for diabetic retinopathy detection: A systematic review" https://doi.org/10.1016/j.imu.2024.101445	Vol 45, 101445
Q1 (WoS/ SCIE/ SCOPUS)	2023	IEEE Access	Sweta Jain, Hrudaya Kumar Tripathy, Saurav Mallik, Hong Qin, Yara Shaalan, Khaled Shaalan, "Autism detection of mri brain images using hybrid deep cnn with dm-resnet classifier" doi: 10.1109/ACCESS.2023.3325701	Vol.11, pp. 117741-117751
Q1 (WoS/ SCIE/ SCOPUS)	2023	Sustainability, MDPI	Saha, Lewlisa, Hrudaya Kumar Tripathy , Tarek Gaber, Hatem El-Gohary, and El-Sayed M. El-kenawy. 2023. "Deep Churn Prediction Method for Telecommunication Industry" https://doi.org/10.3390/su15054543	Vol 15(5), 4543
Q1 (WoS/ SCIE/ SCOPUS)	2023	Electronics, MDPI	Mukherjee, P., Pradhan, C., Tripathy, H.K., Gaber, T., "KryptosChain-A Blockchain-Inspired, AI-Combined, DNA- Encrypted Secure Information Exchange Scheme". https://doi.org/10.3390/electronics12030493	Vol 12(3), 493.
Q1 (SCIE/ SCOPUS)	2023	Arabian Journal for Science and Engineering, Springer.	Patitapaban Rath, Pradeep Kumar Mallick, Hrudaya Kumar Tripathy , Debahuti Mishra, "A Tuned Whale Optimization-Based Stacked-LSTM Network for Digital Image Segmentation" https://doi.org/10.1007/s13369-022-06964-6	48, Pp. 1735–1756
Q1 (WoS/ SCIE/ SCOPUS)	2022	Sustainable Energy Technologies and Assessments, Elsevier.	Sunil Kumar Mohapatra, Sushruta Mishra, Hrudaya Kumar Tripathy , Ahmed Alkhayat, "A sustainable data-driven energy consumption assessment model for building infrastructures in resource constraint environment" https://www.sciencedirect.com/science/article/abs/pii/S2213138822007457	Vol 53, Part C, Pp. 102697
Q3 (SCOPUS)	2022	International Journal of Advanced Computer Science and Applications (IJACSA)	Lewlisa Saha, Hrudaya Kumar Tripathy , Fatma Masmoudi, Tarek Gaber, "A Machine Learning Model for	Vol. 13(10) pp. 171-184.

			Personalized Tariff Plan based on Customer's Behavior in the Telecom Industry". DOI: 10.14569/IJACSA.2022.0131023	
Q1 (WoS/ SCIE/ SCOPUS)	2022	PLoS ONE	Sushruta Mishra, Lambodar Jena, Hrudaya Kumar Tripathy , Tarek Gaber, "Prioritized and Predictive Intelligence of Things Enabled Waste Management Model in Smart and Sustainable Environment" https://doi.org/10.1371/journal.pone.0272383	Vol. 17(8), e0272383.
(Publons)	2022	Journal of Intelligent Systems and Internet of Things. (American Scientific Publishing Group (ASPG))	Hrudaya Kumar Tripathy , Sunday Adeola Ajagbe , El-Sayed M. El-Kenawy, "Sustainable Management for the Architectural Heritage in Intelligent Cities using MCDM methods". https://doi.org/10.54216/JISIoT.060104	Vol. 06(1) pp. 41-56.
Q2 (SCIE/ SCOPUS)	2022	Computing (Springer)	Tripathy, H.K. , Mishra, S., Suman, S. et al. "Smart COVID-shield: an IoT driven reliable and automated prototype model for COVID-19 symptoms tracking".	104, pp. 1233–1254
Q1 (ESCI/ SCOPUS)	2021	Frontiers in Public Health (MDPI Publication)	Sushruta Mishra, Hrudaya Kumar Tripathy , Hiren Kumar Thakkar, Deepak Garg, Ketan Kotecha, Sharnil Pandya, "An Explainable Intelligence Driven Query Prioritization Using Balanced Decision Tree Approach for Multi-Level Psychological Disorders Assessment" https://doi.org/10.3389/fpubh.2021.795007	9, 795007 pp. 1-26.
Q3 (ESCI/ SCOPUS)	2021	International Journal of Computer Applications in Technology (Inderscience Publication)	Hrudaya Kumar Tripathy , Pradeep Kumar Mallick, Sushruta Mishra, "Application and evaluation of classification model to detect autistic spectrum disorders in children" https://doi.org/10.1504/IJCAT.2021.117286	65(4), pp. 368–377
Q1 (WoS/ SCIE/ SCOPUS)	2021	Computers & Electrical Engineering (Elsevier Publication)	Hrudaya Kumar Tripathy , Sushruta Mishra, Hiren Kumar Thakkar, Deepak Rai, "CARE: A Collision-Aware Mobile Robot Navigation in Grid Environment using Improved Breadth First Search" https://doi.org/10.1016/j.compeleceng.2021.107327	Vol. 94, 107327
Q1 (WoS/ SCIE/ SCOPUS)	2021	Energies (MDPI Publication)	Sunil Kumar Mohapatra, Sushruta Mishra, Hrudaya Kumar Tripathy , Akash Kumar Bhoi, Paolo Barsocchi, "A Pragmatic Investigation of Energy Consumption Predictive Models in Urban Sector using Computational Intelligence Approach" https://doi.org/10.3390/en14133900	Vol 14(13), pp. 3900.
Q1 (WoS/ SCIE/ SCOPUS)	2021	Sustainability, MDPI Publication	Lewlisa Saha, Hrudaya Kumar Tripathy , Soumya Ranjan Nayak, Akash Kumar Bhoi, Paolo Barsocchi, "Amalgamation of Customer Relationship Management and Data Analytics in different business sectors- A Systematic Literature Review"	Vol 13(9), 5279

			https://doi.org/10.3390/su13095279	
Q1 (WoS/ SCIE/ SCOPUS)	2020	Sensors.	Mishra S, Tripathy HK , Mallick PK, Bhoi AK, Barsocchi P. “EAGA-MLP—An Enhanced and Adaptive Hybrid Classification Model for Diabetes Diagnosis”. https://www.mdpi.com/1424-8220/20/14/4036	20(14):4036
Q2 (WoS/ SCIE/ SCOPUS)	2020	Applied Sciences.	Mishra S, Mallick PK, Tripathy HK , Bhoi AK, González-Briones A. “Performance Evaluation of a Proposed Machine Learning Model for Chronic Disease Datasets Using an Integrated Attribute Evaluator and an Improved Decision Tree Classifier”. https://doi.org/10.3390/app10228137	10(22):8137
Q3 (SCOPUS)	2020	Indonesian Journal of Electrical Engineering and Computer Science	Chaudhury, P., Tripathy, H.K. , “A novel academic performance estimation model using two stage feature selection”, http://ijeecs.iaescore.com/index.php/IJECS/article/view/21223	Vol.19(3) pp. 1610-1619
Q3 (SCOPUS)	2019	Indonesian Journal of Electrical Engineering and Computer Science	Pamela Chaudhury, Hrudaya Kumar Tripathy , “Optimising the parameters of a RBFN network for a teaching learning paradigm” http://ijeecs.iaescore.com/index.php/IJECS/article/view/15535	Vol. 15(1) pp. 435-442.
(SCOPUS)	2018	International Journal of Engineering & Technology,	Sushruta Mishra, Hrudaya Kumar Tripathy , Amiya Ranjan Panda, “An Improved and Adaptive Attribute Selection Technique to Optimize Dengue Fever Prediction”. https://www.sciencepubco.com/index.php/ijet/article/view/19363	Vol. 7(3.34) pp. 480-486.
Q4 (SCOPUS /DBLP)	2018	International Journal of Computer Aided Engineering and Technology, (Inderscience Publisher)	Sushruta Mishra, Hrudaya Kumar Tripathy , Brojo Mishra, “Implementation of Biologically Motivated Optimization Approach for Tumor Categorization”. http://www.inderscience.com/info/inarticle.php?articleid=90534	Vol.10(3) pp. 244-256.
(SCOPUS)	2018	International Journal of Engineering & Technology	P. Chaudhury, Hrudaya Kumar Tripathy , “A Study on impact of smartphone addiction on academic performance” https://www.sciencepubco.com/index.php/ijet/article/view/10066	Vol 7(2.6) pp. 50-53.
Q3 (ESCI/ SCOPUS)	2017	International Journal of Learning Technology, Inderscience Publisher	P. Chaudhury, Hrudaya Kumar Tripathy , “An empirical study on attribute selection of student performance prediction model” https://www.inderscienceonline.com/doi/abs/10.1504/IJLT.2017.088407	Vol 12(3) pp. 241-252.

(Google Scholar)	2017	International Journal of Control Theory and Applications, Serials Publication	Sushruta Mishra, Hrudaya Kumar Tripathy , Brojo Mishra, "Implementation of Classification Rule Mining to minimize Liver Disorder risks" https://serialsjournals.com/abstract/67320_14-sushruta_mishra.pdf	Vol 10(18) pp. 117-124.
(Google Scholar)	2017	International Journal of Control Theory and Applications, Serials Publication	Sushruta Mishra, Hrudaya Kumar Tripathy , Brojo Mishra, "Filter Based Attribute Optimization:A Performance Enhancement Technique for Healthcare Experts" https://serialsjournals.com/abstract/47094_34-sushruta_mishra.pdf	Vol 10(18) pp. 295-310.
(Google Scholar)	2017	International Journal of Data Science (Special Issue on: Recent Advances in Machine Learning and Data Mining) Inderscience Publisher	Pradipta Das, HS Behera, SK Pradhan, H. K. Tripathy , PK Jena, "Improved real time A*-fuzzy controller for improving multi-robot navigation and its performance analysis" https://www.inderscience.com/info/inarticle.php?artid=84765	Vol. 2(2) pp. 105-137.
QI (SCI/WoS/ SCOPUS)	2016	Neurocomputing, Elsevier	P. K. Das, H. S. Behera, Swagatam Das, H. K. Tripathy , B. K. Panigrahi, S.K. Pradhan, "A hybrid improved PSO-DV algorithm for multi-robot path planning in a clutter environment" https://www.sciencedirect.com/science/article/abs/pii/S0925231216304945?via%3Dihub	Vol 207, pp. 735-753.
(Google Scholar)	2015	International Journal of Advances in Computer Science and Technology	Pamela Chaudhury, H. K Tripathy "Speaker Identification in Odiya using Mel Frequency Cepstral Coefficients and Vector Quantisation" https://issuu.com/warse/docs/ijacst01472015	Vol 4(7) pp.137-140
(SCOPUS)	2014	International Journal of Engineering and Advanced Technology	Jnana Ranjan Tripathy, Hrudaya Ku. Tripathy and S.S.Nayak, "Artificial Neural Network Implementation in Microchip PIC 18F45J10 8-Bit Microcontroller" published in (IJEAT)ISSN: 2249 – 8958, (SCOPUS Indexed) . https://www.ijeat.org/wp-content/uploads/papers/v3i5/E3123063514.pdf	Vol 3(5) pp. 131-135.
(Google Scholar/ PUBLONS)	2014	Oriental Journal of Computer Science & Technology	Jnana Ranjan Tripathy, Hrudaya Ku. Tripathy and S.S.Nayak "Implementation of Artificial Neural Network Training Data in Micro-controller Based Embedded System"	Vol. 7(1) pp. 199-206.
(Google Scholar)	2013	Journal of Computer Science and Engineering (Scientific & Academic Publishing)	Seyyed Meisam Taheri, Yamamoto Hidehiko, Hrudaya Kumar Tripathy , "Novel Assessment of Different Intelligent Tools for Problem Solving" http://www.sapub.org/journal/archive.aspx?journalid=1081&issueid=1609	Vol. 3(3) pp. 67-75.
(Google Scholar / PUBLONS)	2013	Oriental Journal of Computer Science & Technology	Jnana Ranjan Tripathy and Hrudaya Ku. Tripathy , "Artificial Neural Network Stream Processing Core (ANnSP) Implementation in Embedded Systems" http://www.computerscijournal.org/?p=2737	Vol. 6(2) pp. 09-14.

(Google Scholar)	2013	International Journal of Computer Science	Jnana Ranjan Tripathy, Hrudaya Ku. Tripathy and Maya Nayak, "FPGA Implementation of a Fully and Partially Connected MLP-A Dedicated Approach" https://ijcsi.org/papers/IJCSI-10-2-3-402-407.pdf	Vol. 10(2) pp. 402-407.
(Google Scholar / SCI-Edge)	2013	International Journal of Computer Engineering and Intelligent System,	Abdollah Yousefzadeh, Hrudaya Ku. Tripathy , "Intelligent Application of Partial Repair for Handling Inconsistency among Databases" https://www.iiste.org/Journals/index.php/CEIS/article/view/4221	Vol 4(2) pp. 1-7.
	2013	Research Notes in Information Science (RNIS)	Abdollah Yousefzadeh, Hrudaya Ku. Tripathy , "Handling Inconsistency through Effective Measurement of Referential Dependencies in Databases" https://www.semanticscholar.org/paper/Handling-Inconsistency-through-Effective-of-in-Yousefzadeh-Tripathy/e5566555bc4de39c81693e8036d31ab89049587b	Vol (12) pp. 1-6.
	2013	Research Notes in Information Science (RNIS)	Digbijoy Chakraborty, Hrudaya Ku. Tripathy , "An Intelligent Approach of e-Repository Information for Central Citizen to Augment the Government Service by Crafting a Community Management Framework" https://doi.org/10.4156/rmis.vol11.issue0.6	Vol (11) pp. 60-67.
(DBLP Indexed)	2008	International Journal of Convergence Information Technology (JCIT)	Hrudaya Ku. Tripathy , B.K.Tripathy and Pradip K. Das, "An Intelligent Based Approach Using Fuzzy Inference Rules for Vowel Recognition" https://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.151.2830&rep=rep1&type=pdf	Vol 3(1) pp. 51-56.
(DBLP Indexed)	2008	International Journal of Convergence Information Technology (JCIT)	Hrudaya Ku. Tripathy , B.K.Tripathy and Pradip K. Das, "A Prospective Fuzzy Logic approach to Knowledge-based Navigation of Mobile LEGO-Robot" http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.151.7315&rep=rep1&type=pdf	Vol 3(1) pp. 64-70.
(DBLP Indexed)	2008	International Journal of Computer Science and Engineering (IJCSE)	Hrudaya Ku. Tripathy , B.K.Tripathy and Pradip K Das, "An Intelligent Approach of Rough set in Knowledge Discovery in Databases" https://publications.waset.org/224/an-intelligent-approach-of-rough-set-in-knowledge-discovery-databases	Vol 2(1) pp. 45-48.

REFERRED CONFERENCES

Proceeding Indexing	Year	Conference Name	Paper Details	Volume/ Page No.
(SCOPUS)	2024	2024 International Conference on Electrical, Electronics and Computing Technologies, ICEECT 2024	Verma, Aishwarya, Panda, Krishna Tanaya, Sharma, Vandana, Tripathy, Hrudaya Kumar. "Mental Health Stigma: Strategies for Destigmatization in Healthcare Settings" DOI: 10.1109/ICEECT61758.2024.10738916	

(SCOPUS)	2024	7th International Conference on Innovative Computing and Communications, ICICC 2024	Pradhan, Sriansh Raj, Mishra, Sushruta, Tripathy, Hrudaya Kumar, Brahma, Biswajit, Gobinath R, “ Critical Application Feasibility of Predictive Learning in Autonomous Vehicles” 10.1007/978-981-97-3588-4_31	Vol. 1020 LNNS Pp. 371 - 383
(SCOPUS)	2024	5th Doctoral Symposium on Computational Intelligence, DoSCI 2024	Chaudhary, Shubham, Arora, Kshitij, Yadav, Suman, Tripathy, Hrudaya Kumar, Yang, Tiansheng, “A Personalized Health-Care Framework for Health-Care Service” 10.1007/978-981-97-6726-7_18	Vol. 1085 LNNS Pp. 231 - 240
(SCOPUS)	2024	International Conference on Intelligent Algorithms for Computational Intelligence Systems Iacis 2024	Ratan, A., Agarwal, A., Tripathy, H.K., Mo, D., Wang, L.”A Novel Big Data Reasoning enabled Predictive Model in Healthcare Domain for Disease Diagnosis	
(SCOPUS)	2023	Innovations in Intelligent Computing and Communication. ICIIICC 2022. Communications in Computer and Information Science, Springer,	Chakraborty, S., Mishra, S., Tripathy, H.K. “COVID-19 Outbreak Estimation Approach Using Hybrid Time Series Modelling.” https://doi.org/10.1007/978-3-031-23233-6_19	Vol 1737, Pp 249–260
(SCOPUS)	2023	Innovations in Intelligent Computing and Communication. ICIIICC 2022. Communications in Computer and Information Science, Springer,	Mishra, N., Mishra, S., Tripathy, H.K. “Rice Yield Estimation Using Deep Learning.” https://doi.org/10.1007/978-3-031-23233-6_28	Vol 1737. Pp 379–388
(SCOPUS)	2022	IEEE International Conference on Advancements in Smart, Secure and Intelligent Computing (ASSIC)	Lewlisa Saha, Hrudaya Kumar Tripathy , Khaled Shaalan, “Adaptable model based on ensemble learning for different telecommunication data”	Accepted
(SCOPUS)	2022	Ambient Intelligence in Health Care, Proceedings of ICAIHC 2022, Smart Innovation, Systems and Technologies book series	Suman, S., Tripathy, H.K., Das, C., Jena, L., Nayak, S. (2023), “Digi-CANE—An IoT Savior for Visually Sensitive”, Springer, Singapore. 2022.	Pp 145–158
(SCOPUS)	2022	Computer Networks, Big Data and IoT. Lecture Notes on Data Engineering and Communications Technologies	Raghu, D., Tripathy, H.K. , “Medical Image Analysis Using Deep Learning Algorithm Convolutional Neural Networks”, Springer, Singapore. 2022. https://doi.org/10.1007/978-981-19-0898-9_19	Vol. 117 Pp. 245–256
(SCOPUS)	2022	International Conference on Computational Intelligence and Data Engineering,	PK Panigrahi, SK Bisoy, HK Tripathy , “Intelligent Path Planning with Improved BFS (I-BFS) Strategy for Mobile Robot in RFID Equipped Unknown Environment”. Lecture Notes on Data Engineering and Communications Technologies. Springer. https://doi.org/10.1007/978-981-16-7182-1_20	Vol. 99, pp. 237-249
(SCOPUS)	2021	ETAERE 2020	Subarna Mondal, Hrudaya Kumar Tripathy , Sushruta Mishra, Pradeep Kumar Mallick, “Perspective Analysis of Anti-aging Products Using Voting-Based Ensemble”, Advances in Systems, Control and Automations. Springer. https://doi.org/10.1007/978-981-15-8685-9_22	Vol. 708, pp. 237-246.
(SCOPUS)	2021	ETAERE 2020	Belete Kassaye Mengiste, Hrudaya Kumar Tripathy , Jitendra Kumar Rout, “Analysis and Prediction of Cardiovascular Disease Using Machine Learning Techniques”, Advances in Systems, Control and Automations. Springer. https://doi.org/10.1007/978-981-15-8685-9_13	pp. 133-141

(SCOPUS)	2021	ICCISC 2020	Suman S., Mishra S., Tripathy H.K. , "A Support Vector Machine Approach for Effective Bicycle Sharing in Urban Zones", Cognitive Informatics and Soft Computing. Advances in Intelligent Systems and Computing. Springer. https://doi.org/10.1007/978-981-16-1056-1_7	Vol 1317 pp. 73-83.
(SCOPUS)	2021	ICCISC 2020	Dutta A., Tripathy H.K. , Sen A., Pani L., "Biosensor for Stress Detection Using Machine Learning", Cognitive Informatics and Soft Computing. Advances in Intelligent Systems and Computing, Springer. https://doi.org/10.1007/978-981-16-1056-1_8	Vol 1317 pp. 85-97,
(SCOPUS)	2019	International Conference on Intelligent Computing and Communication	Camellia Ray, Hrudaya Kumar Tripathy , Sushruta Mishra, "Assessment of Autistic Disorder Using Machine Learning Approach", https://link.springer.com/chapter/10.1007%2F978-981-15-1084-7_21	pp. 209-219.
(SCOPUS/DBLP)	2019	International Conference on Advances in Computing and Data Sciences (ICACDS 2019)	Ray, C., Tripathy, H.K. , Mishra, S., "A Review on Facial Expression Based Behavioral Analysis Using Computational Technique for Autistic Disorder Patients", Communications in Computer and Information Science. https://link.springer.com/chapter/10.1007/978-981-13-9942-8_43	Vol 1046 pp.450-464.
(SCOPUS)	2018	ICICCT 2018	Jiregna Abdissa Olana, Hrudaya Kumar Tripathy , "Bio-inspired Technique for the Virtual Machines Migration in Green Cloud Computing", https://ieeexplore.ieee.org/document/8473338	
(SCOPUS)	2017	ICACCCT 2017	Debishree Dagar, A. Hudait, Hrudaya Kumar Tripathy , M.N.Das, "Automatic Emotion Detection Model from Facial Expression" https://ieeexplore.ieee.org/document/7831605	pp. 77-85.
(SCOPUS)	2016	ICTCS 2016	Pamela Chaudhury, Sushruta Mishra, Hrudaya Kumar Tripathy , Brojo Kishore Mishra, "Enhancing the capabilities of Student Result Prediction System" http://dx.doi.org/10.1145/2905055.2905150	Article no-A91
(SCOPUS)	2016	ICTCS 2016	Sushruta Mishra, Pamela Chaudhury, Brojo Kishore Mishra, Hrudaya Kumar Tripathy , "An implementation of Feature ranking using Machine learning techniques for Diabetes disease prediction". http://dx.doi.org/10.1145/2905055.2905100	Article no-A42.
(SCOPUS)	2015	IEEE International Conference on Computational Intelligence and Computing Research	Sushruta Mishra, Brojo Kishore Mishra, Hrudaya Kumar Tripathy , "A Neuro-Genetic Model to Predict Hepatitis Disease Risk" https://ieeexplore.ieee.org/document/7435719	pp. 417-419
(SCOPUS)	2015	International Conference on Perception and Machine Intelligence,	Prabin Kumar Panigrahi, Hrudaya Kumar Tripathy , "Low Complexity Graph Based Navigation And Path Finding of Mobile Robot Using BFS", https://doi.org/10.1145/2708463.2709068	pp.189-195.

(SCOPUS)	2015	INDIA-2015	Prabin Kumar Panigrahi, Hrudaya Kumar Tripathy , "Analysis On Intelligent Based Navigation And Path Finding of Autonomous Mobile Robot", Advances in Intelligent Systems and Computing, Springer. https://link.springer.com/chapter/10.1007/978-81-322-2250-7_22	pp.219-232.
(SCOPUS)	2014	IEEE Proceedings of International Conference on High Performance Computing And Applications (ICHPCA-2014)	Ruchismita Tripathy, Hrudaya Kumar Tripathy , "Unlike Methodologies of Feature Extraction & Feature Matching in Speech Recognition". https://ieeexplore.ieee.org/document/7045340	pp.1-6.
(SCOPUS)	2014	International Conference on CIDM, Smart Innovation, Systems and Technologies	P.K. Das, H.S. Behera, S.K. Pradhan, H. K. Tripathy and P.K. Jena, "A Modified Real Time A* Algorithm and Its Performance Analysis for Improved Path Planning of Mobile Robot" https://link.springer.com/chapter/10.1007/978-81-322-2208-8_21	Vol. 32, pp. 221-234.
(SCOPUS)	2012	IEEE International Conference on Computational Intelligence and Computing Research (ICIC)	Abdollah Yousefzadeh, Hrudaya Ku. Tripathy and Amir Zarei, "Enhanced Deriving of Matching Rules through Automated Synonyms Identification".	pp. 388-391.
(SCOPUS)	2009	IEEE International Association of Computer Science and Information Technology Spring Conference 2009 (IACSIT-SC 2009)	Hrudaya Ku. Tripathy and B.K.Tripathy, "Covering Based Rough Equivalence of Sets and Comparison of Knowledge". https://ieeexplore.ieee.org/document/5169362	pp. 303-308.
(SCOPUS)	2008	IEEE International Conference on Computer Science and Information Technology 2008 (ICCSIT 2008)	Hrudaya Ku. Tripathy , B. K. Tripathy, Das, P. K. and S. P. Khadanga, "Application of Parallelism SQL in Fuzzy Relational Databases". https://ieeexplore.ieee.org/document/4624929	pp. 553-557
(SCOPUS)	2007	IEEE International Conference on e-Business Engineering, Hong Kong, 2007	Hrudaya Ku. Tripathy and B.K.Tripathy, "A Rough Set Approach for Clustering the Data Using Knowledge Discovery in World Wide Web for E-Business". https://ieeexplore.ieee.org/document/4402171	pp. 717-722.
(Google Scholar)	2007	National Conference on Current Trends of Information Technology, Krupajal Engineering College, Bhubaneswar, Orissa, India	Hrudaya Ku. Tripathy and B.K.Tripathy, "Rough Set Theory: A Gift to Data Mining",	pp. 117-120.
(Google Scholar)	2007	National Conference on Intelligent Systems (NCIS-07), Institute of Advanced Computer Research, Prajukti Bihar, Rayagada, Orissa	Hrudaya Ku. Tripathy and Saraju Prasad Khadanga, "Artificial Life using Genetic Algorithm"	pp. 20-25.
			Hrudaya Ku. Tripathy , Pradip K. Das and A.B.Laha, "A Novel Intelligent-based High Performance Vowel Classifier for Spoken Indian English"	pp. 10-15.
(Google Scholar)	2006	First International Conference on Signal and Image Processing, BVB College of Engineering & Technology, Hubli, Karnataka, India	Hrudaya Ku. Tripathy , Pradip K. Das, A.B.Laha and D.Datta, " High Precision Vowel Recognition Based on a Hybrid Approach".	pp. 992-996.
(Google Scholar)		National Conference on Communication Technologies (NCCT-2006), MepcoSchlenk Engg. College, Tamil Nadu.	Hrudaya Ku. Tripathy , K. Saravanakumar and Pradip K. Das, "An Improved Wave Segmentation Scheme for Vowel Recognition".	pp. 173-177.
(Google Scholar)		National Seminar on Role of IT in Disaster Management, Institute of Advanced Computer Research,	Hrudaya Ku. Tripathy and K. Saravanakumar, "Evolving Research Directions For Information Technology In	pp. 62-68.

		Prajukti Bihar, Rayagada, Orissa	Disaster Management”	
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