

WALCHAND INSTITUTE OF TECHNOLOGY, SOLAPUR
(An Autonomous Institute)

Information Technology

Faculty Publications

AY: 2023-24

Name of Author(s)	Title of Research Publication	Name of Journal / Conference
Dr.L.M.R.J. Lobo, Dr. V.A.Athavale	Finding the Best Solutions to Problems using Innovative Algorithms Offered by Data Mining	2nd International Conference on Information Technologies and Their Applications (ITTA 2024) 2024, Baku, Azerbaijan
Dr.L.M.R.J. Lobo, Ms. D.D.Awasekar	Exploring the Challenges and Needs of Domestic Abuse Victims: The Potential of AI in Prevention, Response, and Support in India.	Sai Vidya Institute of Technology(SVIT) National Conference-2024, Bengaluru, Karnataka
Dr.L.M.R.J. Lobo, Dr. V.A.Athavale	A Safe and Secure Online System for Bidding using Blockchain Technology	AISMA-2024: International Workshop on Advanced in Information Security Management and Applications Stavropol, Russia.
Dr.L.M.R.J. Lobo, Dr. V.A.Athavale	System for Provisiing security for information of an Automatic Planned Tour	AISMA-2023: International Workshop on Advanced Information Security Management and Applications, Stavropol, Krasnoyarsk, Russia
Dr. P.N.Kathavate	Role of Machine Learning on Key Extraction for Data Privacy Preservation of Health Care Sectors in IoT Environment	The Computer Journal , Volume 66, Issue 6 https://doi.org/10.1093/comjnl/bxad016
Ms.D.D.Awasekar, Dr.L.M.R.J. Lobo	Empowering Women and Girls: Assessing the Impact of an Online Webinar on Legal Rights Awareness and Knowledge of DV Act 2005 in India	Eleventh International Conference on Transformations in Engineering Education, Hubballi, Karnataka. Volume: 37, Issue: Special Issue 2
Dr.Mrs. Sneha Jadhav(Mane) , Dr. Jaibir Singh	Design of EGTBoost Classifier for Automated External Skin Defect Detection in Mango Fruit	Multimedia Tools and Applications doi.org/10.1007/s1042-023-17191-y
Mrs. R.M.Yemul	A Survey on Expert Digital Health Record Systems With QR Code	Journal of Information and Computational Science, ISSN: 1548-7741

AY2022-23

Name of Author(s)	Title of Research Publication	Name of Journal / Conference
Dr. L.M.R.J. Lobo , Mr.P.S. Birajdar	A System Prediction and Analysis of Cancer Disease Using Machine Learning Algorithm	Two Days National Conference on Artificial Intelligence for Decision Making(AIDM-2023), ISBN-978-93-5811-431-7
Dr. L.M.R.J. Lobo , Mr. R.P.Banegaon	A Novel Online Shopping Environment Using Interactive Qr Code	Two Days National Conference on Artificial Intelligence for Decision Making(AIDM-2023), ISBN-978-93-5811-431-7
Dr. L.M.R.J. Lobo, Ms. Pranoti Kodam Ms. Sakshi Nipunage	Face Emotion Recognition using CNN	Two Days National Conference on Artificial Intelligence for Decision Making(AIDM-2023), ISBN-978-93-5811-431-7
Dr. L.M.R.J. Lobo, Mr.P.S. Birajdar	An Automated System to Predict and Analyze Cancer Supported Machine Learning Technique	MAT Journal of Image Processing and Artificial Intelligence. (e-ISSN: 2581-3803)
Dr. L.M.R.J. Lobo, Ms. L.M.Dussa	Expert system for Medical Diagnosis and Consultancy using Prediction Algorithm of Machine Learning	International Joint conference on Advances in Computational Intelligence (IJCACI-2022), Bangladesh. ISBN 978-981-99-1435-7
Dr.(Mrs.) M.A.Nirgude et al.	Visualization & Analysis of Geotagged Assets for Project Assessment	Two Days National Conference on Artificial Intelligence for Decision Making(AIDM-2023), ISBN-978-93-5811-431-7
Mr. P. N. Kathavate, Dr.J. Amudhavel	Optimized Convolutional neural network for soft tissue sarcoma diagnosis	Multimedia Tools and Applications (SCI) https://doi.org/10.1007/s11042-022-13429-3
Mr. P. N. Kathavate, Dr.J. Amudhavel	Optimal prediction of viral host from genomic datasets using ensemble classifier	Advances in Engineering Software. https://doi.org/10.1016/j.advengsoft.2022.103273
Mr. P. N. Kathavate, Dr. J. Amudhavel	Lipoprotein detection: Hybrid deep classification model with improved feature set	Multiagent and Grid Systems, ISSN-1875-9076

Mr. P. N. Kathavate, Dr.J. Amudhavel	Role of Machine Learning on Key Extraction for Data Privacy Preservation of Health Care Sectors in IoT Environment	The Computer Journal https://doi.org/10.1093/comjnl/bxad016
Mrs. S.K.Karpe, Dr. S.H. Brahmananda	Levy Flight Adopted Particle Swarm Optimization-based Resource Allocation Strategy in Fog Computing	Chinese Journal of Electronics e-ISSN: 2075-5597
Mrs. S.K.Karpe et. al	Book My Event: A Cross Platform Application for Booking an Event Hall.	Two Days National Conference on Artificial Intelligence for Decision Making(AIDM-2023), ISBN-978-93-5811-431-7
Mr. B.B. Shaharkar, Mr. D.P.Pandit	ML Based Authentication Scheme for Data Storage in Cloud Based IoT	International Journal Of Engineering and Advanced Technology(IJEAT), ISSN: 2249-8958 (Online), Volume-11 Issue-6
Ms. D. D.Awasekar, Dr. L.M.R.J. Lobo	An Exploratory Study Investigating The Factors Influencing Career Choice Decision-Making Of Engineering Students: A Data Mining Approach	Two Days National Conference on Artificial Intelligence for Decision Making(AIDM-2023), ISBN-978-93-5811-431-7
Ms. D. D.Awasekar, Dr.S.A.Halkude	Hackathon Methodology for E-Governance: Can We Get the Problem Solvers and Solution Seekers on One Common Platform?	IOT with Smart Systems. Smart Innovation, Systems and Technologies, vol 251. Springer, Singapore, ICTIS 2021, ISBN 978-981-16-3945-6
Ms. D. D.Awasekar, Dr. L.M.R.J.Lobo	Exploring the Challenges and Needs of Domestic Abuse Victims: The Potential of AI in Prevention, Response, and Support in India	AI, Blockchain and other Optimization Applications" presented at 1st International Conference on Advanced Optimization Techniques and Applications (AOTA – 2023)

AY2021-22

Name of Authors	Title of Research Publications	Name of Journal / Conference
Dr. L. M. R. J. Lobo Mr. M.B.Kale	A Novel Method for Analyzing Best Pages Generated by Query Term Synonym Combination	Proceedings of International Conference on Data Science and Applications. Lecture Notes in Networks and Systems, vol 288. Springer, Singapore. ISBN 978-981-16-5120-5
Dr. L. M. R. J. Lobo Mr. M.B.Kale	Generating recommendations to Various Problems using Data Mining and Machine Learning Algorithms	Proceedings of Third International Conference on Communication, Computing and Electronics Systems(ICCCEs 2021), Lecture Notes in Electrical Engineering, vol 844. Springer, Singapore. ISSN: 1876-1100.
Dr. L. M. R. J. Lobo Mr. M.B.Kale	Anti-Vice Recommendation Systems Based on Face Images Using Machine Learning.	Journal of Image Processing and Artificial Intelligence. e-ISSN: 2581-3803 Volume-7, Issue-2
Dr. L. M. R. J. Lobo Ms. L.M.Dussa Mr. V. Pukale	Automization of Library Using Machine Learning Approach	Journal of Image Processing and Artificial Intelligence. e-ISSN: 2581-3803 Volume-8, Issue-1
Dr. L. M. R. J. Lobo Ms. L.M.Dussa	Expert System for Medical Diagnosis and Consultancy Using Prediction Algorithms of Machine Learning	Journal of Data Mining and Management. e-ISSN: 2456-9437 Volume-7, Issue-1.
Dr. L. M. R. J. Lobo Ms. L.M.Dussa	Using Emerging Areas of Technology to Manage Natural Disasters - Smart Alert	Journal of Information Technology and Sciences. e-ISSN: 2581-849X Volume-7, Issue-3.
Mr. A.S.Naik, Mr.P.N.Kathavate Mr.S.M.Metgar	Nearpod: An Effective Interactive ICT Tool for Teaching and Learning through Google Meet	IOT with Smart Systems. Smart Innovation, Systems and Technologies, vol 251. Springer, Singapore, ICTIS 2021. ISBN 978-981-16-3945-6
Mrs. S.K. Karpe Dr. S. H. Brahmananda	Latency Aware Resource Scheduling and Queuing	Ubiquitous Intelligent Systems. Smart Innovation, Systems and Technologies, vol 243. Springer, Singapore. ISBN 978-981-16-3675-2
Mr.Pandit D.P. Mr. Patnaik P.S.R., Mr. Shaharkar B. B.	Agile Methodology for IoT Application Development and Business Improvisation	Smart Trends in Computing and Communications: Proceedings of SmartCom 2021.

		ISBN 978-981-16-4015-5
Ms.D.D. Awasekar, Dr.S.A.Halkude.	A Collaborative Approach to Scaffold Group Discussion Skills Using Video Recorded Feedback	Mobility for Smart Cities and Regional Development - Challenges for Higher Education. ICL 2021. Lecture Notes in Networks and Systems, vol 389. Springer. ISBN 978-3-030-93904-5
Ms. A.R. Deshpande, Mrs. S.K. Karpe, Mrs. S.V.Narkar	“Q_Notify: Queue Management System”	Proceedings of 1 st International Conference on Intelligent Computing in information Technology for Engineering System (ICICITES-2021), ISBN: 978-1-032-27080-7
Mr.V.V. Potigar	Implementation of Intelligent Accident Detection and Notification System for Emergency Assistance	International journal of Innovative Research. e-ISSN 2319-8753, p-ISSN: 2347-6710 Volume11, Issue 3
Mr.V.V. Pottigar	Inter Cloud Resource Allocation by Using Agent based Approach	International Journal of Scientific Research in Engineering and Management (IJSREM). Volume: 06 Issue: 04, ISSN: 2582-3930
Mr.V.V. Pottigar	Clustering Data Streams Based on Shared Density between Micro-Clusters	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET). Volume 11, Issue 3,e-ISSN: 2319-8753, p-ISSN: 2347-6710

AY2020-21

Name of Authors	Title of Research Publications	Name of Journal / Conference
Mr.R.C.Konapure Dr. L.M.R.J. Lobo	Video Content-Based Advertisement Recommendation System Using Classification Technique of Machine Learning	International Conference on Future of Engineering Systems and Technologies (FEST)2020 , Greater Noida, Delhi/NCR, India. doi:10.1088/1742-6596/1854/1/012025
Dr. L.M.R.J. Lobo	A Novel method for Analyzing Best pages generated by Query term Synonym combination	Proceedings of International Conference on Data Science and Applications. Lecture Notes in Networks and Systems, vol 288. Springer, Singapore.. ISBN 978-981-16-5120-5

Dr. P.S.Yalagi Mrs.R.K.Dixit R.K., Mrs.M.A.Nirgude	Effective use of online Teaching-Learning Platform and MOOC for Virtual Learning	International Conference on Future of Engineering Systems and Technologies (FEST)2020 , Greater Noida, Delhi/NCR, India. doi 10.1088/1742-6596/1854/1 /012019
Mrs. M.A.Nirgude Dr. P.S.Yalagi Dr.S.A. Halkude	Professional learning community (PLC) - A model incorporating ET Practices for continuous improvement in blended Teaching-Learning process	7 th International Conference on ICT for Intelligent Systems(ICTIS-2021), ISBN 978-981-16-3945-6
Mrs. M.A.Nirgude ,Dr.S.R.Gengaje	Iris Recognition System Based on Convolutional Neural Network	7 th International Conference on ICT for Intelligent Systems(ICTIS-2021), Ahmedabad. ISBN 978-981-16-3945-6
Mrs.R.K.Dixit Dr. Mrs. P.S. Yalagi Mrs. M.A.Nirgude	Breaking the wall of classroom using Micro learning : Short burst of learning	International Conference on Future of Engineering Systems and Technologies (FEST)2020 , Greater Noida, Delhi/NCR, India. doi 10.1088/1742-6596/1854/1/012018
Ms.D.D. Awasekar.	An Enhanced Skin Disease Vitiligo and Ringworm Recognition Android Application Using Image Analysis	Third International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV), Tirunelveli, India. doi 10.1109/ICICV50876.2021.9388425

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Name of Authors	Title of Research Publications	Name of Journal / Conference
Dr. L.M.R.J. Lobo Mr. R. C. Konapure	Text Data Analysis for Advertisement Recommendation System Using Multi-label Classification of Machine Learning	Journal of Data Mining and Management. e-ISSN 2456-9437 Volume 6 Issue 1
Dr. Yalagi P. S. Mrs. R.K.Dixit Mrs. M.A.Nirgude	Enhanced Programming Learning Model (EPLM) through Continuous Collaborative Coding (CCC) Practice.	Journal of Engineering Education Transformations. ISSN: 2394 – 1707

Mrs.R.K.Dixit Mrs. M.A.Nirgude Dr.P.S.Yalagi	Adding 'Cherry to Cake 'Just Like Integrating Project Based Learning with Conventional Teaching for Database Engineering Course.	Journal of Engineering Education Transformations. ISSN: 2394 - 1707
Mrs. S.K. Karpe Dr. S. H. Brahmananda, Ms. Shrunoti Karpe	Review of Resource Allocation in Fog Computing.	Smart Intelligent Computing and Applications vol 159. Springer. ISBN 978-981-13-9282-5
Ms. D.D.Awasekar	An Evaluation of Learner's Perception and Engagement Towards Campus Preparation.	Journal of Engineering Education Transformations. ISSN: 2394 - 1707
Dr.S.S.Gajbhar . Mr. M.V. Joshi	Image Denoising using Tight-Frame Dual-Tree Complex Wavelet Transform.	Machine Intelligence and Signal Analysis, Springer. ISBN: 978-981-13-0922-9
Dr.S.A.Halkude Ms.D.D. Awasekar	Learning By Competing : Experience from Smart India Hackathon 2019.	International Conference on Interactive Collaborative Learning, Bangkok, Thailand. DOI: 10.1007/978-3-030-40274-7_92