



**WALCHAND INSTITUTE OF TECHNOLOGY, SOLAPUR**  
(An Autonomous Institute)

**Faculty Publications for AY 2023-24**  
**Computer Science and Engineering**

<b>Name of Author(s)</b>	<b>Title of Research Publication</b>	<b>Name of Journal</b>
Dr. V. A. Athavale et al.	Development of a digital twin of heat energy storage and retrieval system for performance evaluation through AR-based simulation	Cyber-Physical Systems, Print ISSN: 2333-5777 Online ISSN: 2333-5785, Volume 10, Issue 3, Pages 231-246, September 2023
Dr. V. A. Athavale et al.	Analyzing the Performance of Nature-Inspired Optimization Algorithms with Modified Grey Wolf Optimization for VM Migration Problems	Wireless Personal Communications, Volume 131, Issue 4, Pages 2649–2674, August 2023
Dr. V. A. Athavale et al.	IoT-based health information system using MitApp for abnormal electrocardiogram signal monitoring	Bulletin of Electrical Engineering and Informatics, ISSN: 2302-9285, Volume 13, Issue 2, Pages 1103-1110, April 2024,
Dr. Mrs. A. M. Pujar et al.	Classification and Localization of Eye Diseases using Convolutional Neural Networks	International Journal of Innovative Research in Technology, ISSN: 2349-6002, Volume 10, Issue 6, November 2023,
Dr. Mrs. A. M. Pujar, Mrs. S. M. Dol	VHDLISTE: An Instructional Strategy to Cover the Additional Content beyond the Curriculum	Journal of Engineering Education Transformation, Print ISSN: 2349 – 2473, Online ISSN: 2394 – 1707, Volume 37, Issue 2, Pages 44-53, January 2024
Mrs. S. M. Dol et al.	Use of Microsoft Excel for Data Collection and Processing to Predict Students' Performance in EDM	Journal of Engineering Education Transformation, Print ISSN: 2349 – 2473, Online ISSN: 2394 – 1707, Volume 37, Issue 2, Pages 44-53, January 2024
Mrs. S. M. Dol et al.	Systematic Review and Analysis of Educational Data Mining for the Prediction of Students' Performance	IEI Series - B Springer Journal, E-ISSN: 2250-2114, Print ISSN: 2250-2106, February 2024

Mr. D. P. Pandit et al.	Enhancing Cyber-Attack Detection in Cloud Computing Environments using Deep Learning Models	Journal of Technology, ISSN: 10123407, Volume 12 Issue 5, Page No:1110-1120, 2024
Mrs. P. D. Jadhav et al.	Medical Imaging and Computer Vision for Artificial Intelligence in Diagnostic healthcare	International Journal of Intelligent System and Application in Engineering, ISSN:2147-6799, Volume 12, Issue 3, Pages 376–381, March 2024
Mrs. R.M. Yemul Mrs P.M.Channapattan	A Survey on Expert Digital Health Record System with QR Code	Journal of Information and Computational Science, ISSN: 1548-7741, Volume 14, Issue 5, Pages 1-11, May 2024
<b>Book Chapter</b>		
Dr. V. A. Athavale et al.	Managing the Transition Toward Industry 4.0: A Study on the Implementation of Digital Manufacturing Processes	Recent Trends and Best Practices in Industry 4.0, River Publishers, eBook ISBN9781003441717, November 2023
Dr. V. A. Athavale et al.	The catalyst for Clean and Green Energy using blockchain technology	Modeling for Sustainable Development: A Multidisciplinary Approach, Nova Science Publishers, Inc., ISBN (Electronic)9798891130562 ISBN (Print)9798891130159, PP_23-39, September 2023
Dr. R. V. Argiddi et al.	Study on Integrated Neural Networks and Fuzzy Logic Control for Autonomous Electric Vehicles	Semantic Web Technologies and Applications in Artificial Intelligence of Things, DOI: 10.4018/979-8-3693-1487-6 ISBN13: 9798369314876 ISBN13 Softcover: 9798369347737 EISBN13: 9798369314883
<b>Conferences</b>		
Dr. V. A. Athavale et al.	3D-CNN Empowered Assistive Machine Learning Model for the Hearing Impaired	2023 International Conference on Sustainable Emerging Innovations in Engineering and Technology (ICSEIET), DOI: 10.1109/ICSEIET58677.2023.10303045, November 2023

Dr. V. A. Athavale et al.	Adoption of Industry 4.0 in the Automotive Industry Contributes to Reduction in Energy Consumption During the Production Process	International Conference on Innovations in Computing (ICRIC-2023), Volume 2, 21st & 22nd December 2023
Dr. V. A. Athavale et al.	IoT Security using Machine Learning: Applications and Difficulties based on Forthcoming Directions	2023 2nd International Conference on Automation, Computing and Renewable Systems (ICACRS), DOI: 10.1109/ICACRS58579.2023.10404364, 26 January 2024
Dr. V. A. Athavale, Dr. A. V. Thalange	Exploring the Intersection of Forensic Imaging and Pattern Recognition: Leveraging Artificial Intelligence for Clue Detection	International Workshop on Advanced in Information Security Management and Applications – AISMA 2023
Dr. V. A. Athavale, Dr. A. V. Thalange	A Review of Artificial Intelligence and Machine Learning for Vaccine Research	International Conference on Recent Innovations in Computing Central University J&K ICRIC 2023
Dr. V. A. Athavale Mr. S. T. Patel	Transformation of Project Management Process: An Influence of Industry 4.0	Techno-societal 2022, 4th International Conference on Advanced Technologies for Societal Applications, ISBN 978-3-031-34643-9 ISBN 978-3-031-34644-6 (eBook), Volume 1, Pages 403-411,
Dr. Mrs. A. M. Pujar et al.	Ocular Disease Recognition and Localization with Convolutional Neural Network	Hinweis Second International Conference on Recent Trends in Machine Learning and Image Processing (MLIP 2023), December 2023
Dr. Mrs. P. C. Kaladeep (Pratibha S. Yalagi), Mr. V. D. Chavan	Model for Effective Project Implementation for Undergraduate Students	Smart Innovation, Systems and Technologies, ISSN No 2190-3018, DOI <a href="https://doi.org/10.1007/978-981-99-3982-4_35">https://doi.org/10.1007/978-981-99-3982-4_35</a> , Volume 361, September 2023
Ms. R. K. Dixit, Dr. V. A. Athavale, Dr. L.M.R.J. Lobo	A Safe and Secure Online System for Bidding using Blockchain Technology	AISMA-2024: International Workshop on Advanced in Information Security Management and Applications, May 2024
Ms. R. K. Dixit et al.	Achieving Provably Effective Quantum Algorithms for Extensive Machine Learning Models	International Conference on Computational Intelligence for Security, Communication and Sustainable Development,

		April 2024
Mr. V. D. Chavan, Dr. Mrs. P. C. Kaladeep (Pratibha S. Yalagi)	A Review of Machine Learning Tools and Techniques for Anomaly Detection	ICT for Intelligent Systems ICTIS 2023 Smart Innovation, Systems and Technologies, Print ISBN: 978-981-99-4039-4 Online ISBN 978-981-99-3982-4, ISSN No 2190-3018, Volume 361, Pages 395-406, September 2023
Mr. V. D. Chavan, Dr. Mrs. P. C. Kaladeep (Pratibha S. Yalagi)	A Review of Big Data-Based Intrusion Detection System Using Machine Learning	Intelligent Systems and Sustainable Computing. ICISSC 2022 Smart Innovation, Systems and Technologies, Volume 363, Print ISBN 978-981-99-4716-4 Online ISBN 978-981-99-4717-1, October 2023
Mrs. K. R. Pardeshi et al.	A systematic review of Blockchain in Supply chain Management	4th International Conference on Microelectronics, Communication Systems, Machine Learning & Internet of Things (MCMi-2023), November 2023
Mrs. K. A. Khedikar et al.	Data Mining Based Heart Disease Prediction using Hybrid Optimization technique of derived features	5th International Conference on Artificial Intelligence and Speech Technology (AIST 2023), December 2023
Mr. B. R. Solunke, Dr. S.R. Gengaje	Real-Time Multi-Objects Detection using YOLOv7 for Advanced Driving Assistant Systems	2nd International Conference on Innovations in Data Analytics (ICIDA 2023), November 2023
Mr. S. M. Metagar, Mr. F. R. Sayyed, Mr. Prince Singhvi	QR Code Based Smart E-Voting System	International Conference on Emerging Technologies in Engineering and Science (ICETES-2023), August 2023
Mr. S. M. Metagar, Mr. F. R. Sayyed	Machine Learning based Health Fitness Management System	Hinweis Second International Conference on Advanced Research in Engineering and Technology (ARET), February 2024



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**Computer Science and Engineering**

<b>Name of Author(s)</b>	<b>Title of Research Publication</b>	<b>Name of Journal/Conference</b>
Dr. V. A. Athavale et al.	Problems with the implementation of blockchain technology for decentralized IoT authentication: A literature review	Blockchain for Industry 4.0, eBook ISBN-9781003282914, CRC Press, December 2022
Dr. V. A. Athavale et al.	Adoption of Blockchain Technology for Storage and Verification of Educational Documents	Lecture Notes in Electrical Engineering, 907, Print ISBN: 978-981-19-4686-8 Online ISBN: 978-981-19-4687-5 DOI: 10.1007/978-981-19-4687-5_7, Pages 83–98, October 2022
Dr. V. A. Athavale et al.	Software Fault Detection by Using Rider Optimization Algorithm (ROA)-Based Deep Neural Network (DNN)	Lecture Notes in Electrical Engineering, 907, Print ISBN: 978-981-19-4686-8 Online ISBN: 978-981-19-4687-5 DOI: 10.1007/978-981-19-4687-5_4, Pages 41–56, October 2022
Dr. V. A. Athavale et al.	Touch n Go e-Wallet: The New Payment Style Existed when COVID-19 Hits	International Journal of Accounting & Finance in Asia Pasific (IJAFAP), Volume 5, Issue 3, Pages 107-116, E-ISSN: 2655-6502 P-ISSN: 2684-9763, October 2022
Dr. V. A. Athavale et al.	QRS Complex Detection On Heart Rate Variability Reading Using Discrete Wavelet Transform	Indonesian Journal of Electronics, Electromedical Engineering and medical informatics, ISSN: 2656-8624, Volume 4, Issue 4, Pages 153-159, November 2022

Dr. V. A. Athavale et al.	Analyzing the Performance of Nature-Inspired Optimization Algorithms with Modified Grey Wolf Optimization for VM Migration Problems	Wireless Personal Communications An International Journal, Volume131, Pages 2649–2674, June 2023
Mrs. S.B.Dol et al.	Classification Technique and its Combination with Clustering and Association Rule Mining in Educational Data Mining — A survey	Engineering Applications of Artificial Intelligence, ISSN:0952-1976, Volume 122, March 2023
Mrs. S. M. Dol et al.	SQL- An Android Mobile Application for Effective Teaching of Structured Query Language	Journal of Engineering Education Transformations, eISSN 2394-1707, Volume 36, Special issue, Pages 1-8, January 2023
Mrs. S. M. Dol	Use of FOSS for Teaching the Parser Types to Improve Problem Solving Ability A Case Study on Analysis of Gender based Discrimination in Education	Journal of Engineering Education Transformations, eISSN 2394-1707, Volume 36, Special issue, Pages 38-47, January 2023,
<b>Book Chapter</b>		
Dr. V. A. Athavale et al.	Problems with the implementation of blockchain technology for decentralized IoT authentication: A literature review	Blockchain for Industry 4.0, eBook ISBN-9781003282914, CRC Press, December 2022
<b>Conferences</b>		
Dr. V. A. Athavale et al.	Applying Information and WSN Technologies for Optimizing Complex Farming Ecosystem	Mobile Radio Communications and 5G Networks: Proceedings of Third MRCN 2022, Volume 588, DOI: 10.1007/978-981-19-7982-8_46, Pages 543–554, February 2023
Dr. V. A. Athavale et al.	Localization of stroke lesion in MRI images using object detection techniques	Neuroscience Informatics 2 (2022), ISSN: 2772-5286, Volume 2, Issue 3, September 2022, 100070
Dr. V. A. Athavale et al.	A Face Spoof Detection in Artificial Neural Networks Using Concepts of Machine Learning	2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering (ICACITE), Pages 1604-1607, DOI: 10.1109/ICACITE53722.2022.9823587, July 2022

Dr. Mrs. A. M. Pujar, Ms. P. B. Kulkarni	Automatic Number Plate Recognition Using Machine Learning	Proceedings of the International Conference on Applications of Machine Intelligence and Data Analytics (ICAMIDA 2022), Series: Advances in Computer Science Research ACSR 105, ISSN:2352-538X, ISBN:DOI 10.2991/978-94-6463-136-4_16, Pages 149–156, May 2023
Dr. Mrs. A. M. Pujar, Ms. P. A. Domal	A Smart Video Streaming Web Portal	Journal of Computer Based Parallel Programming, e-ISSN: 2582-2179, Print ISBN: 978-981-19-9284-1, Online ISBN: 978-981-19-9285-8, Volume 7, Issue 2, Pages 34-42, April 2023
Dr. Mrs. A. M. Pujar et al.	Real Time Classification and Localization of Eye Diseases using Artificial Intelligence	IEEE TECHNICOKNOCKDOWN-2023 (TKD-23), Technically IEEE TKD-23/ISBN No.978-81-992245-5-0
Ms. R.K.Dixit et al.	RealDApp – Decentralized Real Estate Asset Transfer Protocol based on blockchain	Seventh International Conference on Smart Trends in Computing and Communications, ISSN:2367-3370, Volume 645, June 2023
Ms. R.K.Dixit et al.	Gamification: Secret ingredient in enhancing flavor of Theory of Computation understanding	Seventh International Conference on Smart Trends in Computing and Communications, ISSN:2367-3370,
Mr. B. R. Solunke et al.	A Review on Traditional and Deep Learning based Object Detection Methods.	5th IEEE International Conference on “Emerging Smart Computing & Informatics” (IEEE ESCI-2023), Print on Demand (PoD) ISBN:978-1-6654-7525-9, Electronic ISBN:978-1-6654-7524-2,

Mr. B. R. Solunke et al.	Yolo V7: A General Framework Of Real-Time Multi-Objects Detection For Advanced Driving Assistant.	National conference on Artificial Intelligence for Decision Making, ISBN 978-93-5811-431-7, March 2023
Mrs. S.M.Dol et al.	Face Recognition Attendance System	National conference on Artificial Intelligence for Decision Making, ISBN 978-93-5811-431-7, March 2023
Mrs. K. R. Pardeshi	Comparative Study of Blockchain Technology in Supply Chain Management	3rd International Conference on Artificial Intelligence and Smart Energy (ICAIS 2023), ISBN: 978-1-6654-6215-0, February 2023
Mrs. K. A. Khedikar et al.	Evocator: College Admission Predictor	3rd International Conference on Intelligent Systems, Cognitive Science and Knowledge Engineering (ICKE 2023), May 2023
Mr. S.M. Metagar Mr. F. R. Sayyed	Garbage Management System Using Arduino Device to support Swachh Bharath Mission	OTCON 2.0 OPJU International Technology Conference on Emerging Technologies for Sustainable Development, DOI: 10.1109/OTCON56053.2023.10113921, May 2023
Mr. N. S. Gajjam et al.	Accuracy Calculation For Body Movement Using Pose Net	National conference on Artificial Intelligence for Decision Making, ISBN 978-93-5811-431-7, March 2023





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**Faculty Publications for AY 2021-22**  
Computer Science and Engineering

<b>Name of Authors</b>	<b>Title of Research Publications</b>	<b>Name of Journal / Conference</b>
Dr. V. A. Athavale et al.	An android INCU analyzer design to calibrate Infant Incubator using bluetooth communication for real-time and wireless monitoring	ResearchGate, ISSN: 2407-896, Accredited by Ministry of Education, Culture, Research, and Technology, Indonesia Decree No: 158/E/KPT/2021, Volume 15, Issue 1, Pages 1-8, March 2022
Dr. V. A. Athavale et al.	Understanding suicidal behavior by using longitudinal electronic health records system	International Journal of Health Sciences, Volume 6(S4), Pages 5048–5061, March 2022
Dr. V. A. Athavale et al.	Machine Learning Model-Based Applications for Food Management in Alzheimer's Using Regression Analysis Approach	Journal Of Food Quality, Volume 2022, Artificial Intelligence in Food Quality Improvement 2021, May 2022
Dr. V. A. Athavale et al.	Brake Current Control System Modeling Using Linear Quadratic Regulator (LQR) and Proportional integral derivative (PID)	Indonesian Journal of Electronics, Electromedical Engineering and Medical Informatics, eISSN: 2656-8624, Volume 4, Issue 2, Pages 85-93, May 2022
Dr. V. A. Athavale et al.	A Comparative Analysis of Blockchain in Enhancing the Drug Traceability in Edible Foods Using Multiple Regression Analysis	Hindawi Journal of Food Quality, Article ID 1689913, Volume 2022, 6 pages, <a href="https://doi.org/10.1155/2022/1689913">https://doi.org/10.1155/2022/1689913</a> , June 2022
Dr. Mrs. A. M. Pujar et al.	Recognition of Facial Expressions through Live Camera	Journal of Image Processing and Artificial Intelligence, e-ISSN: 2581-3803, Volume 7, Issue 3, September-December 2021
Dr. R.V. Argiddi et al.	Mining High Utility Item-Sets For Assigning Sections To Indian Laws	Design Engineering, ISSN: 0011-9342, Issue 9, Pages 3311-3321, August 2021
Mr. V. D. Chavan Dr. Mrs. P.S. Yalagi	A Review of Intrusion Detection System based on Machine Learning with Big Data	Journal of Xi'an University of Architecture & Technology, ISSN No : 1006-7930, Volume 14, Issue 6, July 2022

Mrs. S. M. Dol	WRITE : An Instructional Strategy to Give Hands on Experience of Structured Query Language (SQL) to Students	Journal of Engineering Education, ISSN 2349-2473, eISSN 2394-1707, January 2022
Mrs. K. R. Pardeshi	An Overview of Blockchain in Supply Chain Management: Benefits and Issues	IUP Journal of Supply Chain Management, ISSN: 0972-9267, Volume 18, Pages 38-47, September 2021
Mr. B. R. Solunke et al.	Social Site Mental Illness Detection via Online Social Media Mining using Machine Learning	International Journal of Innovative Research in Science, Engineering and Technology(IJRSET), ISSN: 2319-8753, Volume 10, Pages 10508-10514, July 2021
Mrs. K.A. Khedikar et al.	DATASIGHT:A File Searching Tool	International Journal of Advances in Electronics and Computer Science-IJAECS, ISSN (p): 2394-2835, Volume 9, Issue 6, Pages 57-60, June 2022
<b>Conferences</b>		
Dr. V. A. Athavale et al.	One-Way Cryptographic Hash Function Securing Networks	Proceedings of Academia-Industry Consortium for Data Science, book series AISC, Volume 1411, Pages 105–113, February 2022
Mrs. R. K. Dixit, Mr. Sandipkumar Sahoo, Mr. R. P. Shaha	Project Based Learning: A contemporary approach to blend theory and practical knowledge of Database Management Course	6th International Conference on Information and Communication Technology for Intelligent Systems (ICTIS-2022), 2190-3018, Ahmedabad, India, April 2022
Mrs. S. M. Dol	Online PBL for Database Engineering Course – A Case Study	Mini Symposium on Effective Practices in Teaching-Learning organized by Indo Universal Collaboration for Engineering Education (IUC EE), April 2022



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<b>Name of Authors</b>	<b>Title of Research Publications</b>	<b>Name of Journal / Conference Publication house, ISSN No., Organizer venue etc.</b>
Dr. Mrs. A. M. Pujar et al.	Intelligent Framework for Sentiment Analysis of Movie Reviews - A Comprehensive Survey	Journal of Emerging Technologies and Innovative Research (JETIR), ISSN-2349-5162, Volume 8, Issue 6, Pages 738-743, June 2021
Ms. R.K. Dixit et al.	Data Centric Role Based Access Control Authorization Model: An Efficient way to improve security in intercloud scenario	Journal of Critical Reviews
Mr. M.A. Mahant et al.	Innovative supervised machine learning techniques for classification of data	Journal of Materials Today, DOI:10.1016/j.matpr.2020.11.092, February 2021
Mrs. S.S. Ambarkar et al.	Zona Del Silencio – A Smart System to Reduce Traffic Noise	International Journal of Future Generation Communication and Networking, ISSN: 2233-7857, Volume 13, Issue 3, Pages 3142–3149, 2020
Mr. V.D. Chavan Mr. S.S. Pare	How To Deal With IoT Security Threats	International Journal for Science and Advance Research in Technology, ISSN [ONLINE]: 2395-1052, Volume 7, Issue 6, June 2021
Mrs. S.M. Dol	T24S Vs TPS	Journal of Engineering Education and Transformation, ISSN(P): 2349-2473, ISSN(E): 2394-1707,
Mr. D.P. Gandhmal et al.	Wrapper-Enabled Feature Selection and CPLM-Based NARX Model for Stock Market Prediction	The Computer Journal, Oxford Academic, Volume 64, Issue 2, Pages 169–184, February 2021

Mr. D.P. Gandhmal et al.	An intelligent Indian stock market forecasting system using LSTM deep learning	Indonesian Journal of Electrical Engineering and Computer Science, ISSN: 2502-4752, Volume 21, Issue 2, Pages 1082-1089, February 2021,
Mr. D.P. Gandhmal et al.	Chronological penguin Adam-based deep long short-term memory classifier for stock market prediction	International Journal of Intelligent Information and Database Systems, Volume 14, Issue 3, May 2021
Mr. PSR Patnaikuni	Web Semantics – Cutting Edge and Future Directions in Health Care	Probabilistic Syntactic and Semantic Reasoning using MEBN, OWL, and PCFG in Healthcare Electronic ISBN: 9780128224687, Pages 87-94, 2021
Mr. S.S. Shakhpure et al.	Endorsement Recommendation for Made in Indian Products	Global Research And Development Journals, ISSN: 2455-5703, Volume : 6, Issue 7, Pages 52-56, June 2021
Mr. N. S. Gajjam et al.	Key challenges and research directions in cloud storage	Materials today proceedings, E-ISSN:2214-7853, April 2021
<b>Conferences</b>		
Dr. Mrs. A. M. Pujar et al.	An efficient domain-specific Text Summarization using combined statistical and Linguistic methods	International Conference on Smart Data Intelligence, (ICSMDI2021), April 2021
Dr. R.V. Argiddi, Ms. R. M. Yaldandi	An Expert Health care System Providing Recommendations	2nd International Conference on Future of Engineering Systems and Technologies (FEST-2020), Journal of Physics: Conference Series 1854 (2021) 012021, doi:10.1088/1742-6596/1854/1/012021,
Dr. Mrs. P.S.Yalagi, Ms. R.K.Dixit, Mrs. M.A. Nirgude	Effective use of online Teaching-Learning Platform and MOOC for Virtual Learning	2nd International Conference on Future of Engineering Systems and Technologies (FEST-2020), Journal of Physics: Conference Series 1854 (2021) 012019 doi:10.1088/1742-6596/1854/1/012019
Dr. Mrs. P.S. Yalagi, Ms. P. V. Mane	Smart library automation using face recognition	2nd International Conference on Future of Engineering

		Systems and Technologies (FEST-2020), Journal of Physics: Conference Series 1854 (2021) 012041 doi:10.1088/1742-6596/1854/1/012041
Dr. Mrs. P.S. Yalagi, Mr. V. R. Nampelli	Fault Detection using Real Time Tracking of Electronic Appliances in Homes & Corporate Offices using Change Detection Algorithm	2nd International Conference on Future of Engineering Systems and Technologies (FEST-2020), Journal of Physics: Conference Series 1854 (2021) 012023 doi:10.1088/1742-6596/1854/1/012023
Dr. Mrs. P.S. Yalagi Mr. PSR Patnaikuni Dr. S. A. Halkude	Faculty eCourseBook”: A digitized faculty course file as a green campus initiative	5th International Conference on ICT for Intelligent Systems (ICTIS-2021), ISBN:978-981-16-3945-6, April 2021
Mrs. M. A. Nirgude Dr. Mrs. P. S. Yalagi, Dr. S. A. Halkude	Professional learning community (PLC) - A model incorporating ET Practices for continuous improvement in blended Teaching-Learning process	7th International Conference on ICT for Intelligent Systems (ICTIS-2021), Electronic ISSN:2190-3026 Print ISSN:2190-3018, Pages 287–295, January 2021
Ms. R.K. Dixit, Dr. Mrs. P.S. Yalagi, Mrs. M.A. Nirgude	Breaking the wall of classroom using Micro learning : Short burst of learning	2nd International Conference on Future of Engineering Systems and Technologies (FEST-2020), Journal of Physics: Conference Series 1854 (2021) 012018 doi:10.1088/1742-6596/1854/1/012018, Volume 1854, December 2020
Ms. R. K. Dixit	Promote an abstract understanding of the problem-solving knowledge in the theory of computation through Visualization based intelligent tutor system	5th International Conference on ICT for Intelligent Systems (ICTIS-2021), ISBN 978-981-16-3944-9, April 2021
Ms. R. K. Dixit et al.	Enhancement in Security for Intercloud Scenario with the help of Role Based Access Control Model	5th International Conference on ICT for Intelligent Systems (ICTIS-2021), ISBN 978-981-16-3944-9, April 2021,

Mrs. S.M. Dol	Use of Classification Technique in Educational Data Mining	IEEE & IAS Technically Co-Sponsored 4th Biennial International Conference on Nascent Technologies in Engineering, ISBN:978-1-7281-9062-4, January 2021
Mrs. K.R. Pardeshi	Assessing Blockchain in Supply Chain Management	International Conference on Innovative Computing & Communication (ICICC) 2021 DOI10.2139/ssrn.3835002, Pages 1-5, February 2021,
Mr. PSR Patnaikuni, Dr. S. R. Gengaje	Properness and Consistency of Syntactico-Semantic Reasoning using PCFG and MEBN	2020 International Conference on Communication and Signal Processing (ICCSP), ISBN : 978-1-7281-4987-5, July 2020
Mr. A.S. Naik, Mr. P. N. Kathavate, Mr. S. M. Metagar	Nearpod: An Effective Interactive ICT Tool for Teaching and Learning through Google Meet	5th International Conference on ICT for Intelligent Systems (ICTIS – 2021), April 2021
Mrs. K.A. Khedikar	Data Analytics for Business Using Tableau	International Conference on Computational Intelligence and Data Science 2020-21 February 2021, 'DOI10.2139/ssrn.3835030
Mr. D.P. Pandit, Mr. PSR Patnaikuni, Mr. B. B. Shaharkar	Agile Methodology for IoT Application Development and Business Improvisation	5th International Conference on Smart Trends in Computing and Communications (SmartCom 2021), Print ISBN:978-981-16-4015-5, Online ISBN: 978-981-16-4016-2, Pages 601-608, October 2021
Mr. S. M. Metagar et al.	QR Code based exam hall ticket generation and verification System	ICT based e-resources for smart Agriculture - A journey towards Atmanirbhar Bharat post Covid-19 pandemic situation, National Agricultural Higher Education Project, March 2021

Mr. V. R. Tribhuvan et al.	Spam Detection and Sentiment Analysis of COVID-19 tweets	International Conference on Advancements in Interdisciplinary Research (ICAIR 2021), June 2021
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Computer Science and Engineering

<b>Name of Authors</b>	<b>Title of Research Publications</b>	<b>Name of Journal / Conference</b>
Dr. R.V.Argiddi, Ms. R. M. Yaldandi	An Expert Health Care System Providing Recommendations	Journal of Computer Based Parallel Programming, ISSN: 2582-2179, Volume 4, Issue 3, Pages 27-31, 2019
Dr. Mrs. A. M. Pujar et al.	Hybrid Algorithm for resource allocation strategy and Dynamic Load balancing in distributed environment	Journal of information and computational science, chinese university of Hong Kong, ISSN: 1548-7741, Volume 9, Issue 12, Pages 771-785, 2019
Dr. Mrs. A. M. Pujar, Ms. P. A. Domal	A Real Time Video Streaming Web Portal	Journal of Android and IOS Applications and Testing, Volume 4, Issue 3, Pages 16-20, 2019
Dr. Mrs. P.S. Yalagi 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: 2349-2473, Volume 33, Issue special, Pages 561-566, January 2020
Dr. G. A. Walikar et al.	Reliable Hybrid Multicast Routing in Mobile Ad Hoc Networks: Reinforcement Learning-based Approach	International Journal of Ad Hoc & Sensor Wireless Networks, Old City Publishing, Inc, Volume 0, Pages 1–37, September 2019
Mrs. R.K.Dixit Mrs. M.A.Nirgude Dr. Mrs. 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: 2349-2473, Volume 33, Issue special, Pages 364-367, January 2020
Mrs. S. S. Ambarkar et al.	Image To Speech Conversion Website	International Journal for Science and Advance Research In Technology, ISSN [Online] : 2395-1052, Volume 5, Issue 9, Pages 30-34, August 2019

Mrs. S.M. Dol, Dr. S. A. Halkude	Use of Online MOODLE to Create Course to Improve Students' Fundamental Understanding about Course	Journal of Engineering Education Transformations, ISSN: 2394-1707, Volume 33, Issue special, Pages 384-391, January 2020
Mrs.S.M.Dol	Use of Self-Created Videos for Teaching Structured Query Language (SQL) using Flipped Classroom Activity	Journal of Engineering Education Transformations, ISSN: 2394-1707, Volume 33, Issue special, Pages 368-375, January 2020
Mrs. K.R.Pardeshi et al.	NOISE MINIONS	International Journal of Creative Research Thoughts (IJCRT), ISSN: 2320-2882, Volume 8, Issue 3, Pages 1264-1268, March 2020
Mrs. K.A.Khedikar et al.	Sales Prediction for E-Commerce Site	A Journal Of Composition Theory (JCT), ISSN : 0731-6755, Volume 13, Issue 4, Pages 59-62, April 2020
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