

Computer Engineering Department
International Journal - Scopus Indexed

Academic Year-2021 - 2022	
1.	M. Deore and U. Kulkarni, "MDFRCNN: Malware Detection using Faster Region Proposals Convolution Neural Network.," <i>Int. J. Interactive Multimedia and Artificial Intelligence</i> , vol. 7, no. 4, 2022 (SCIE).
2.	S. Shelke and V. Attar, "Rumor detection in social networks based on user, content and lexical features," <i>Multimedia Tools and Applications</i> , vol. 81, no. 12, pp. 17347–17368, 2022 (SCIE).
3.	S. Barekar and M. Mali, "On-chip weak resistive defect diagnosis with performance enhancement in 45 nm technology static random access memory," <i>Microelectronics J.</i> , vol. 115, p. 105178, 2021.
4.	S. Shelke and V. Attar, "Rumor Source Identification in Social Network with Lowest Search Space," <i>Turkish Online Journal of Qualitative Inquiry</i> , vol. 12, no. 10, pp. 1470–1482, 2021.
5.	G. S. Panesar, K. N. Tripathi, J. L. Bangare, R. Neware, and S. Moda Gururajarao, "Handling research issues for big data extraction in the application of Internet of Vehicles (IoV)," <i>Int. J. of System Assurance Engineering and Management</i> , pp. 1–6, 2022.
6.	R. Shankar, J. L. Bangare, A. Kumar, S. Gupta, H. Mehraj, and S. S. Kulkarni, "Analysis of an LSTM-based NOMA Detector Over Time Selective Nakagami-m Fading Channel Conditions," <i>Journal of Telecommunications and Information Technology</i> , no. 3, 2022.
Academic Year-2019 - 2020	
1.	S. Barekar, M. Mali, C.Gosavi, "Fault Tolerant SRAM Array Structure for Reliability Enhancement Against Failures", <i>Journal of Critical Reviews</i> , vol. 7, pp. 2054-2061, 2020
Academic Year-2018 - 2019	
1.	S. Shelke and V. Attar, "Source detection of rumor in social network--a review," <i>Online Social Networks and Media</i> , vol. 9, pp. 30–42, 2019. (SCIE)
2.	M. Tasgaonkar, M. Khambete, "Red Profile Moments for Hemorrhage Classification in Diabetic Retinal Fundus Images", <i>Pattern Recognition and Image Analysis</i> , vol. 29, no.2, pp. 224-229, 2019.
3.	M. Deore, U. Kulkarni and B. Patre, "Malware Classification Using Machine Learning: A Survey", <i>Journal of Advanced Research in Dynamical and Control Systems (JARDCS)</i> , vol. 10, no. 10, pp. 181-190, 2018.

Academic Year-2017 - 2018	
1.	S. Arora and A. Roy, "Recognition of sign language using image processing," <i>International Journal Business Intelligence and Data Mining</i> , vol. 13, no. 1–3, pp. 163–176, 2018.
2.	S. Deshpande and R. Ingle, "Preferences Based Customized Trust Model for Assessment of Cloud Services" <i>International Journal of Electrical and Computer Engineering (IJECE)</i> , vol. 8, pp. 304-325, 2018.
3.	S. Deshpande and R. Ingle, "Evidence Based Trust Estimation Model for Cloud Computing Services.," <i>International Journal of Network Security (IJNS)</i> , vol. 20, no. 2, pp. 291–303, 2018.
Academic Year-2016 - 2017	
1.	S. V. Tikhe, A. M. Naik, S. D. Bhide, T. Saravanan, and K. P. Kaliyamurthie, "Multipoint search algorithm for automatic segmentation of tooth from digital intra oral periapical radiographs," <i>Indian Journal of Science and Technology</i> , vol. 9, no. 21, pp. 1–5, 2016.
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3.	A. Naik, S. Tikhe, S. Bhide, K. P. Kaliyamurthie, and T. Saravanan, "Designing a Feature Vector for Statistical Texture Analysis of Mandibular Bone," <i>Indian Journal of Science and Technology</i> , vol. 9, no. 33, 2016.
4.	S. V. Tikhe, A. M. Naik, S. D. Bhide, T. Saravanan, and K. P. Kaliyamurthie, "Classification of Digital Intra Oral Periapical Radiographs by Selecting a Feature Vector using Hybrid Method for Selection of Features," <i>Indian Journal of Science and Technology</i> , vol. 9, p. 33, 2016.
5.	C. S. Gosavi and S. N. Mali, "Watermarking for Video using single channel block based schur decomposition," <i>Global Journal of Pure and Applied Mathematics (GJPAM)</i> , vol. 12, no. 2, pp. 1575–1585, 2017.
Academic Year-2014 - 2015	
1.	M. Tasgaonkar and M. Khambete, "Integrating fuzzy c-means and mahalanobis metric classification for exudate detection in color fundus imaging," <i>Journal of Mechanics in Medicine and Biology (JMMB)</i> , World Scientific Publishing Company, vol. 15, no. 05, p. 1550085, 2015.

Academic Year-2013 - 2014	
1.	S. Kelkar and R. Kamal, “Adaptive fault diagnosis algorithm for controller area network,” <i>IEEE Transaction on Industrial Electronics</i> , vol. 61, no. 10, pp. 5527–5537, 2014.
2.	S. Jahirabadkar and P. Kulkarni, “Algorithm to determine ϵ -distance parameter in density based clustering,” <i>Expert System with Applications</i> , vol. 41, no. 6, pp. 2939–2946, 2014. (SCI)

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1.	S. Mandke, “Use and Implementation of Gamification in Enterprise Systems”, International Research Journal of Engineering and Technology, vol. 8, no. 7, 2021.
2.	N. Maitre, “AI based Solution : A Business Perspective”, GORTERIA JOURNAL, vol. 34, no. 7, 2021
3.	N. Maitre, “Relative Greenhouse Gases Emissions of MSA Algorithms: A comparison of T-Coffee and MAFFT”, Journal of Emerging Technologies and Innovative Research, vol. 8, no. 7, 2021
4.	M. Mali and S. Tak-Barekar “Non-Destructive Vector Fault Locator to Detect Resistive Open Defects in Static Random Access Memory with Improved Performance”, International Journal of university of Shanghai for science and Technology, vol. 23, no.7, 2021
5.	J. Bangare, N. Kittad, “A Review: Federated Learning for Health Care Application”, Journal of Emerging Technologies and Innovative Research, 2021.
6.	M. Apte, S. Kelkar, A. Dorge, S. Deshpande, P. Bomble, and A. Dhamankar, “Gateway based Trust Management System for Internet of Things,” <i>Rev. GEINTEC-GESTAO Inov. E Technol.</i> , vol. 11, no. 4, pp. 4750–4763, 2021
7.	S. Tikhe, “Prediction and Prognosis of Lung Cancer using Machine Learning Techniques”, International research journal of engineering and technology, 2021
8.	M. Kamlakar, “Use of Machine Learning and Sensors for Monitoring Pregnancy”, Acta Scientific Computer Sciences, vol.3, no. 12, 2021.

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1.	V. Pimprale, “A Proposal of Scala Script Generation Tool for Extract Transform Load (ETL) Operations”, <i>International Journal for Research in Applied Science & Engineering Technology (IJRASET)</i> , vol. 8, 2020.
2.	S. Arora, “Identification of violent behaviour using handwriting”, <i>International Journal of advanced trends in computer science and Engineering</i> , vol. 9, no. 4, 2020
3.	S. Arora, “A Literature Review of Image Stylization Techniques”, <i>International Journal of Advanced Science and Technology</i> , vol. 29, no.3, 2020
4.	C.Gosavi , V. Pimprale, N. Koria, “Use of Flipped Classroom Activity as an Active Learning Strategy: An Experimental Analysis”, <i>Multidisciplinary Journal of Research in Engineering and Technology</i> , vol. 7, pp. 28-39, 2020
5.	S. Arora, “Random Forest and ARIMA model for Crime Prediction and Analysis”, <i>Journal of Research in Computer Science and Engineering</i> , vol. 5, no. 2, 2021.
6.	N. Maitre, “Types of genetic modification with synergistic overview of machine learning algorithms”, <i>Science and Engineering Journal</i> , vol. 24, no. 11, 2020.
7.	S. Tak-Barekar, M. Mali, and A. Khade, “Sensitizing Defects in Static Random Access Memory using Built-In Self-Test,” <i>Solid State Technology.</i> , vol. 63, no. 6, pp. 7024–7032, 2020.
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9.	A. Pandey, P. Deshpande, P. Andurkar, “Calendar Delegation with Alexa”, <i>International Journal of Computer Applications</i> , vol-174, 29, 2020.
10.	M. Mali and S. Tak-Barekar, “Runtime Redundancy Reconfigurable Fault-Tolerant Static Random Access Memory,” <i>Design Engineering</i> , pp. 169–180, 2021.
11.	V. Pimprale, “Disease Prediction System in New Normal”, <i>International Journal of Scientific Research & Engineering Trends (IJSRET)</i> , vol.7, 2021.
12.	P. Jha, A. Nair, R. kul, N.i Parikh, S. Shelke, “IoT based Breakdown Analysis of Equipments”, <i>International Research Journal of Engineering and Technology (IRJET)</i> , vol. 8, 2021
13.	R. Shelke and S. Vanjale, “A Residual Network Architecture for Hindi NER using Fasttext and BERT embedding layers,” <i>NOVYI MIR</i> , vol. 6, no. 6, pp. 258–266, 2021.

14.	N. H. Deshmukh, "Online Shaming detection on Twitter using Machine Learning", <i>International Journal of Scientific Research in Engineering and Management (IJSREM)</i> , vol. 5, 2021
Academic Year-2019 - 2020	
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2.	M. Mali and S. Barekar, "Detection of resistive open defect fault in SRAM memory array structure for reliability against failures," <i>Test Eng Management</i> , vol. 82, no. 3-4, 2020.
3.	M. Mali and S. Barekar, "Bridging defect detection for fault diagnosis of on-chip cache memory," <i>Test Eng Management</i> , vol. 83, 2020.
4.	R. Shelke and D. Thakore, "A novel approach for named entity recognition on Hindi language using residual bilstm network," <i>International Journal on Natural Language Computing</i> , vol. 9, no. 2, pp. 1-8, 2020.
5.	R. Shelke and D. S. Thakore, "A Survey on Various Methods used in Named Entity Recognition for Hindi Language," <i>Test Eng Management</i> , 2020.
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1.	A. Naik and others, "Computerized Method for Osteoporotic Texture Separation from Mandibular Bones Observed in Digital Orthopantomogram Using Unsupervised Machine Learning Technique," <i>EC Dental Science</i> , vol. 17, pp. 1498-1502, 2018.
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Academic Year-2017 - 2018	
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2.	V. Pimprale, "Survey on Web-based Application for Surgical Distributor," <i>International Journal for Scientific Research and Development (IJSER)</i> , vol. 5, 2018
3.	V. Pimprale, "E-Waste Management System : E-Waste Recycler (Application for Smart City)," <i>International Journal of Innovative Research in Science Engineering and Technology (IJIRSET)</i> , vol. 7, pp. 2860-2866, 2018
4.	S. Jahirabadkar and S. Arora, "Handwritten Character Recognition using Data Mining Techniques, A Review", <i>International Journal of Engineering and Technology (IJET) of Science Publishing Corporation (SPC)</i> , 2017.
Academic Year-2016 - 2017	
1.	S. S. Joshi, "Ordered dither block truncation coding for content based image retrieval using relevance feedback," <i>International Journal Of Engineering and Computer Science</i> , vol. 5, no. 12, pp. 19339–19343, 2016.
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Academic Year-2015 - 2016	
1.	C. S. Gosavi and S. N. Mali, "Video authentication and copyright protection using unique watermark generation technique and singular value decomposition," <i>International Journal of Computer Applications</i> , vol. 123, no. 3, 2015.
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3.	C. S. GOSAVI and S. N. MALI, "Authenticity Of Audio Signal Using Watermarking Techniques," <i>Journal of Basic and Applied Research International, International Knowledge Press</i> , pp. 74–79, 2016.
4.	P. Deshpande and P. Game, "Methodology of Assigning Musical Notations to Sanskrit Verse," <i>International Journal of Computer Science and Information Security</i> , vol. 13, no. 6, p. 60, 2015.
5.	A. Hajare, H. Srivastava, P. Gosavi and P. Kumari, "Innovation Management Software: A Platform to Innovate More Effectively", <i>International Journal of Latest Technology in Engineering, Management & Applied Science (IJLTEMAS)</i> , vol. 5, no.6, 2016.

Academic Year-2014 - 2015	
1.	C. S. Gosavi and S. N. Mali, "Frame selection for video watermark embedding using scene change detection algorithm," <i>International Journal of Electronics Communication and Computer Engineering</i> , vol. 5, no. 4, pp. 162–164, 2014.
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3.	S. S. Shelke and S. A. Itkar, "A Review on Sequential Pattern Mining Algorithms", <i>International Journal of Electrical, Electronics and Computer Engineering</i> , vol. 4 , pp.14, 2015.
4.	S. S. Shelke and S. A. Itkar, "Directed Graph based Distributed Sequential Pattern Mining Using Hadoop Map Reduce," <i>International Journal on Recent and Innovation Trends in Computing and Communication</i> , vol. 3, no. 2, pp. 431–437.
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7.	M. Deore, "Mock test using Akash tablet", <i>International Journal of Research and Engineering</i> , vol. 2, no. 5, 2015.
Academic Year-2013 - 2014	
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2.	S. Mandke and S. Sonawane, "Extraction of frequent subgraph from graph Database", <i>International Journal of Research in Computer and Communication Technology</i> , vol. 3, no. 3, 2014.
3.	G. Prabhu, K. Jain, N. Lawande, N. Kumar, Y. Zutshi, R. Singh, J. Chinchole, "Network Intrusion Detection System", <i>International Journal of Engineering Research and Industrial Applications</i> , vol. 4, no. 4, pp. 69–72, 2014.
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6.	A. Dixit and A. Naik, "Use of Prediction Algorithms in Smart Homes," <i>International Journal of Machine Learning and Computing</i> , vol. 4, no. 2, pp. 157–162, 2014, doi: 10.7763/ijmlc.2014.v4.405.
Academic Year-2012-2013	
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2.	S. A. Joshi and V. S. Pimprale, "Network Intrusion Detection System (NIDS) based on data mining," <i>International Journal of Engineering Science and Innovative Technology</i> , vol. 2, no. 1, pp. 95–98, 2013.
3.	S. Jahirabadkar and P. Kulkarni, "Clustering for high dimensional data: density based subspace clustering algorithms," <i>International Journal of Computer Applications</i> , vol. 63, no. 20, 2013.
4.	S. Jahirabadkar and P. Kulkarni, "SCAF An effective approach to Classify Subspace Clustering algorithms," <i>International Journal of Data Mining & Knowledge Management Process (IJDMP)</i> Vol.3, No.2, 2013.
Academic Year-2011-12	
1.	M. Kamlakar, C. Gosavi, and A. Patankar, "Single channel watermarking for video using block based svd," <i>International Journal of Advances in Computing and Information Researches</i> , vol. 1, no. 2, pp. 2277–4068, 2012.
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Academic Year -2021 - 2022	
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2.	D. Patil, S. Patil, S. Patil, and S. Arora, “Financial Forecasting of Stock Market Using Sentiment Analysis and Data Analytics,” in <i>Intelligent Sustainable Systems</i> , Springer, 2022, pp. 423–430.
3.	A. Jaisswal, P. Ghalsasi, A. Jain, M. Batra, and S. Arora, “Classification of Handwritten Indic Scripts Using Deep Learning,” in <i>Intelligent Sustainable Systems</i> , Springer, 2022, pp. 499–506.
4.	G. Bedse, D. Ghorpade, T. Gangurde, S. Kulkarni, and S. Shirsath, “A Recommendation System to Support the Student to Choose a Role in the College Election,” in <i>2022 International Conference on ICT Analysis and Applications</i> , Springer, 2022, pp. 747–754.
5.	C. Thorat, A. Bhat, P. Sawant, I. Bartakke, and S. Shirsath, “A Detailed Review on Text Extraction Using Optical Character Recognition,” in <i>2022 International Conference on ICT Analysis and Applications</i> , pp. 719–728, 2022.
6.	P. Shinde, G. Kudalkar, S. Pawar, H. Tiwari, and H. Khairnar, “Accident Hotspot Detection by DB-Scan Clustering,” in <i>ICT Analysis and Applications</i> , Springer, 2022, pp. 413–418.

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8.	R. Raut, R. Deore, S. Bobade, S. Suryawanshi, and S. Jahirabadkar, "Optimization and Enhancement of Space Object Identification Algorithms and Implementation Using Deep Learning Network," in <i>2021 Asian Conference on Innovation in Technology (ASIANCON)</i> , 2021, pp. 1–5.
9.	D. Kumar, S. Pandey, P. Patel, K. Choudhari, A. Hajare, and S. Jante, "Generalized Named Entity Recognition Framework," in <i>2021 Asian Conference on Innovation in Technology (ASIANCON)</i> , 2021, pp. 1–4.
10.	S. Shinde, S. Gaherwar, A. Sathe, M. Menon, and S. Barekar, "Creation of Knowledge Graph for Client Complaint Management System," in <i>Data Management, Analytics and Innovation</i> , Springer, 2021, pp. 31–43.
11.	M. S. Potnis, S. K. Sathe, P. G. Tugaonkar, G. L. Kulkarni, and S. S. Deshpande, "Hybrid Intrusion Detection System for Detecting DDoS Attacks on Web Applications Using Machine Learning," in <i>ICT Analysis and Applications</i> , Springer, 2022, pp. 797–805.
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13.	S. Gokhale, R. Poosarla, S. Tikar, S. Gunjawate, A. Hajare, S. Deshpande, S. Gupta, K. Karve, "Creating Helm Charts to ease deployment of Enterprise Application and its related Services in Kubernetes," in <i>2021 International Conference on Computing, Communication and Green Engineering (CCGE)</i> , 2021, pp. 1–5.
14.	M. Patil, H. Kalmath, K. Chamedia, S. Pandey, S. Deshpande, N. Kurkure and G. Misra, "OpenStack Cloud Deployment for Scientific Applications," in <i>2021 International Conference on Computing, Communication and Green Engineering (CCGE)</i> , 2021, pp. 1–7.
15.	T. Kulkarni, P. De, S. Lawande, V. Sinha, S. Deshpande, and S. Kelkar, "Trust Evaluation and Cloud Service Recommendation System Based On Machine Learning Techniques," in <i>2021 International Conference on Computing, Communication and Green Engineering (CCGE)</i> , 2021, pp. 1–6.
16.	R. Shelke and S. Vanjale, "Review Based on Named Entity Recognition for Hindi Language Using Machine Learning Approach," in <i>Proceedings of Second International Conference in Mechanical and Energy Technology</i> , 2022, pp. 333–340.
17.	A. Jaisswal and A. Naik, "Effect of Hyperparameters on Backpropagation," in <i>2021 IEEE Pune Section International Conference (PuneCon)</i> , 2021, pp. 1–5.

18.	P. Deshpande and S. Jahirabadkar, "Study of Low Resource Language Document Extractive Summarization using Lexical chain and Bidirectional Encoder Representations from Transformers (BERT)," in <i>2021 International Conference on Computational Performance Evaluation (ComPE)</i> , 2021, pp. 457–461.
19.	P. A. Gadekar and S. V. Tikhe, "Simulating the Cognitive Thought Process with a Modified Genetic Algorithm," in <i>2021 International Conference on Artificial Intelligence and Machine Vision (AIMV)</i> , 2021, pp. 1–5.
20.	P. Deshpande and S. Jahirabadkar, "A Survey on Statistical Approaches for Abstractive Summarization of Low Resource Language Documents," in <i>Smart Trends in Computing and Communications</i> , Springer, 2022, pp. 729–738.
21.	J. L. Bangare, D. Kapila, P. U. Nehete, S. S. Malwade, K. Sankar, and S. Ray, "Comparative Study on Various Storage Optimisation Techniques in Machine Learning based Cloud Computing System," in <i>2022 2nd International Conference on Innovative Practices in Technology and Management (ICIPTM)</i> , 2022, vol. 2, pp. 53–57.
22.	N. Salunke, S. Mane, S. Kulkarni, S. Rao and M. Deore, "Privacy Preserving Computation on Health Care Data," <i>2021 International Conference on Computing, Communication and Green Engineering (CCGE)</i> , 2021, pp. 1-6, doi: 10.1109/CCGE50943.2021.9776442.
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