

Journal Publications (SCI/ Scopus)

1. Renuka Deshpande, Lata Ragha and Satyendra Kumar Sharma, "Video quality assessment through PSNR estimation for different compression standards", Indonesian Journal of Electrical Engineering and Computer Science, Vol-11, No-3, September 2018.
2. Vaishali Sarbhukan and Lata Ragha, "ETSR: Enhanced Trust based Secure Routing Scheme for Mobile Ad hoc Networks", Journal of Computational and Theoretical Nanoscience, Volume-16, Issue:5-6, May 2019.
3. Saroja T. V., Lata Ragha and Satyendra Kumar Sharma, "Hybrid Spectrum Access Model using Game Theory Approach for Multi-Channel Heterogeneous Mobile Cognitive Radio Wireless Sensor Network", Indonesian journal of Electrical Engineering and Computer Science, Vol. 16, No. 1, October 2019.
4. Deshpande Renuka, Ragha Lata and Sharma S. K., "Effective bandwidth prediction through statistical technique over heterogeneous networks", International Journal of Innovative Technology and Exploring Engineering, Volume-8 Issue-12, October 2019.
5. Saurabh Patil and Lata Ragha, "Adaptive fuzzy-based message dissemination and micro-artificial bee colony algorithm optimised routing scheme for vehicular ad hoc network", Journal of IET Communications, Volume-14, Issue-6, January 2020.
6. Vaishali V Sarbhukan and Lata Ragha, "Establishing Secure Routing Path Using Trust to Enhance Security in MANET", Wireless Personal Communications Journal, Vol-110, Issue-1, January 2020.
7. Smita Bansod and Lata Ragha, "Challenges in making blockchain privacy compliant for the digital world: some measures", Sadhana Academy Proceedings in Engineering Sciences, 2022, 47(3), Article ID 0168, Published on 18 August 2022 (Scopus)
8. Roopal Mamtora, Dr. Lata Ragha, "MACVTL: Improving Efficiency of Mood Analysis from Text and Facial Cues using Cross Validation and Transfer Learning" Journal of Cognitive Science (JCS), Vol.-24, Issue-1, March 2023.
9. Smita Bansod and Lata Ragha, "A Quantum Resistant Blockchain System for Privacy Protection of Patient Records, International Journal of Engineering Trends and Technology, 2023, 71(4).
10. Vaishali Sarbhukan, Sharlene Rebeiro, Lata Ragha and Renuka Pawar, "Vigorous and Efficient Trust Model for Security Enhancement in MANET", International Journal of Engineering Trends and Technology, Volume-71, Issue-10, October 2023.
11. Darshana Thambe and Lata Ragha, "ECBFMBP: Design of an Ensemble deep learning Classifier with Bio-inspired Feature Selection for high-efficiency Multidomain Bug", Journal of Cognitive Science, Volume 24, Issue 3, September 2023.
12. Seema B. Rathod and Lata L. Ragha, "The Detection of Lung Tumors Using CT scan Images with Feature Extraction and Segmentation Techniques", International Journal of Intelligent Systems and Applications in Engineering, vol. 12, no. 1, 2024.
13. Seema B. Rathod and Lata L. Ragha, "DLCT LUNG Detect Net: Leveraging Deep Learning for Lung Tumor Detection in CT scans", Journal of Electrical Systems, vol. 20, no. 2s, 2024.

14. Smita Bansod and Lata Ragha, "A framework for Software testing of Blockchain based applications with appropriate tools", *International Journal of Intelligent Systems and Applications in Engineering*, 12(3), March 2024
15. Poonam Bari and Lata Ragha, "Machine Learning-based Extrapolation of Crop Cultivation Cost", *Inteligencia Artificial*, 27(74), May 2024.
16. Sonali Mhatre and Lata Ragha, "A Hybrid Approach for Automatic Text Summarization by Handling Out-of-Vocabulary Words Using TextR-BLG Pointer Algorithm", *Springer Nature, Scientific and Technical Information Processing*, Vol. 51, No. 1, May 2024.
17. Darshana Thambe and Lata Ragha, "Design of an efficient blockchain-based tracing of software bugs via log analysis", *International Journal of Engineering Tends and Technology*, 72(7), June 2024.
18. Bhawana Dakhare and Lata Ragha, "Secured and efficient MLP algorithm based on Sand Cat Swarm Optimization and homomorphic encryption for healthcare data", *Progress in Artificial Intelligence*, August 2024.

Peer Reviewed Journals

1. Lata Ragha, B. B. Bhaumik and S. K. Mukhopadhyay, "Malicious Dropping Attack in the Internet: Impacts and Solution", *International Journal of Computer Applications*, Volume 2 - No.3, pp. 31-35, May-2010.
2. Smita Attade, Lata Ragha and Shital Dhamal, "An Enhanced Spanning Tree Topology for Wireless Sensor Networks Word", *International Journal of Computer Applications*, Volume 1 - No.19, pp. 47-52, May-2010.
3. Lata Ragha, B. B. Bhaumik and S. K. Mukhopadhyay, "Detecting Malicious Dropping Attack in the Internet", *International Journal on Network Security*, Volume 2 - No.1, pp. 27-31, Jan 2011.
4. Sonal Balpande, Rajashree Shedge and Lata Ragha, "Data Integrity and Confidentiality in Outsourced Database", *International Conference & Workshop On Emerging Trends in Technology (ICWET-12)*, February, 24th & 25th 2012, Published in *International Journal of Computer Applications*.
5. Seema Desai, Lata Ragha and Vimla Jethani, "GCARM: A Combined approach to Data Mining", *Asian Journal of Computer Science and Technology-AJCST*, Vol. 1, No. 1, pp. 47-52, Jan-June - 2012.
6. Aruna Khubalkar and Lata Ragha, "Security in MANETs using Symmetric Keys - A New Approach", *International Journal on Global Technology Initiatives (IJGTI)*, pp. D58-D65, Volume-1, Issue-1, March 2012.
7. Jyoti Jadhav, Lata Ragha and Vijay Katkar, "Incremental Frequent Pattern Mining", *International Journal of Engineering and Advanced Technology (IJEAT)*, Volume-1, Issue-6, pp. 223-228, August 2012.
8. Savita Lohiya and Lata Ragha, "Performance Analysis of Hybrid Approach for Privacy Preserving in Data Mining", *International Journal of Recent Trends in Engineering & Technology-IJRTET*, Volume 8, No. 1, pp. 72-75, January-2013.

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10. Smita Sakharwade and Lata Ragha, "Survey on Estimation of Distribution Algorithm Techniques", *International Research Journal of Computer Science Engineering and Applications*, Volume II and Issue V, pp. 412-417, May-2013.
11. Smita Sakharwade and Lata Ragha, "Recognition on Road Vehicle Based on EDA", *International Journal of Scientific Research in Computer Science Applications and Management Studies-IJSRCSAMS*, Volume 2, Issue 3, May-2013.
12. Stuti Ahuja, Seema Biday and Lata Ragha, "Change Detection in satellite Images using DWT and PCA", *International Journal of Engineering Associates*, Volume 2 Issue 5, pp. 76-81, May 2013.
13. Ujwala Tayade, Seema Biday and Lata Ragha, "Forensic sketch to Mugshot Photo Matching", *International Research Journal of advanced and innovative research (IJAIR)*, Volume-2, issue-8, pp. 61-65, August 2013.
14. Krishnakumar Tripathi and Lata Ragha, "Hybrid approach for credit card fraud detection", *International Journal of soft computing & Engineering*, volume 3, Issue 4, pp. 8-11, September-2013.
15. Ujwala Tayade, Seema Biday and Lata Ragha, "Forensic Sketch-Photo Matching using LFDA", *International Journal of soft computing & Engineering*, volume 3, Issue 4, pp. 242-246, September-2013.
16. Pravin Adivadkar, Lata Ragha and R. V. Shahabadhe, "Efficient Framework for Analyzing Convergence Expansion with Capacity Improvement using Mobile Relay", *International Journal of Infinite Innovations in Technology-IJIT*, Vol. I, Issue II, October 2013.
17. Surekha Janrao and Lata Ragha, "Personalized Image Search Optimization", *International Journal of Advanced and Innovative Research*, Volume 2, Issue 10, pp. 122-126, October 2013.
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19. Kiran Dhandore and Lata Ragha, "Clustering in Cloud Computing Environment", *International Journal of Advanced and Innovative Research*, Volume 2, Issue 11, pp. 415-421, November 2013.
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22. Surekha Janrao and Lata Ragha, "Feature and Opinion Identification for Online Digital Camera Reviews", *International Journal of Advanced Research in Computer Science and Software Engineering*, Volume 4, Issue 5, pp. 595-601, May 2014.

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24. Kiran Dhandore and Lata Ragha, "Performance Evaluation of Decision Trees for Uncertain Data Mining", *International Journal of Emerging Trends & Technology in Computer Science*, Volume-3, Issue-6, pp. 107-111, December 2014
25. Pradnya Kinge and Lata Ragha, "Comparative Analysis of Methodologies Used to Address the MANET Partitioning Problems", *International Journal of Engineering Research & Technology*, Vol. 4 Issue 05, pp. 38-44, May-2015
26. Priyanka Bandagale, Lata Ragha and Atiya Kazi, "A Review of Web Forum Crawling Techniques", *International Journal of Engineering and Computer Science (IJECS)*, Vol-4 Issue-8, August 2015, pp.13815-13818.
27. Pradnya Kinge and Lata Ragha, "Tree Based Routing Mechanism for MANET", *International Journal of Technical Research and Applications* ISSN: 2320-8163, Special Issue 31, Sept.-2015, PP. 239-244
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31. Akshata Laddha and Lata Ragha, "An Efficient Searching Technique for Mobile Cloud on Encrypted Data", *International Journal of Advance Foundation and Research in Science & Engineering (IJAFRSE)*, Volume 2, Special Issue, Vivruti 2016, pp.102-108.
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34. Jennifer Lathakumari Wilson and Lata Ragha, "Session Management in Internet Services using Continuous Authentication", *International Journal of Innovations in Engineering and Technology*, Volume-7, Issue-4, December 2016, pp. 525-530.
35. Vaishali V. Sarbhukan and Dr. Lata Ragha, "Double Face Attack Resistant Trust Management Frameworks in Mobile Ad Hoc Networks: A Survey", *International Journal of Innovations in Engineering and Technology (IJIET)*, ISSN: 2319 - 1058, Volume 8, Issue 1, February 2017, pp.301-307.

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42. Mayur Jakate and Lata Ragha, "Enhanced Approach to Find Topic Experts in Forum", International Journal for Science and Advance Research in Technology (IJSART), vol 4, Issues 8, August 2018, pp. 626-630.
43. Vaishali Sarbhukan, and Lata Ragha, "A Review: Various Security Mechanisms used in MANET", IOSR Journal of Engineering (IOSRJEN) ISSN (e): 2250-3021, ISSN (p): 2278-8719 PP 06-10
44. Saurabh Patil and Lata Ragha "Emergency Message Transmission Method Based on VANET", IOSR Journal of Engineering (IOSRJEN) ISSN (e): 2250-3021, ISSN (p): 2278-8719 PP 20-26
45. Roopal Mamtora and Lata Ragha, "A Survey on Sentiment Analysis Towards Health Care" IOSR Journal of Engineering (IOSRJEN) ISSN (e): 2250-3021, ISSN (p): 2278-8719 PP 43-46
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8. Vandana Patil and Lata Ragha, "Comparing performance of Collaborative Filtering Algorithms", *International Conference on Communication, Information and Computing Technology (ICCICT-2012)* SPIT, Mumbai, October 19-20, 2012, published in IEEE Xplore.
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13. Jayashree Hajgude and Lata Ragha, "Phish Mail Guard: Phishing Mail Detection Technique by using Textual and URL analysis" communicated to World Congress on Information and Communication Technologies (WICT-2012), 30th Oct - 2nd Nov 2012, Trivandrum, India, pp. 297-302. included in IEEE Xplore.
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30. Pragya Verma, Sai Reddy, Lata Ragha and Debabrata Datta, "Comparison of Time-Series Forecasting Models", IEEE International Conference on Intelligent Technologies (CONIT-2021), K. L. E. Institute of Technology, Hubballi, Karnataka, 25-27, June 2021. (Publisher IEEE)
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37. P. Bari and L. Ragha, "Optimizing Pesticide Decisions with Deep Transfer Learning by Recognizing Crop Pest", IEEE International Conference on new Frontiers in Communication, Automation, Management and Security (ICCAMS), Presidency University, Bangalore, October 27-28, 2023, pp.
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40. Darshana Thambe and Lata Ragha, "B-LOCATOR: Enhancing Bug Localization Through Natural Language Processing", Hinweis Third International Conference on Advances in Software Engineering and Information Technology (ASIT), August 30-31, 2024; Mumbai.

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1. Book Chapter-13, pp.320-342, "Security Aspects in Cloud Computing", Advancing Cloud Database Systems and Capacity Planning with Dynamic Applications, IGI Global publication, January 2017.
2. Book Chapter-4, pp.54-76, "Security Aspects in Cloud Computing", Cyber Security and Threats: Concepts, Methodologies, Tools & Applications, IGI Global publication, May 2018.
3. "Distributed Computing", StarEdu Solutions India Pvt. Ltd, ISBN Number: 978-9386765376
4. Book Chapter-1, pp.1-27, "Mobile Ad Hoc Networks Security Enhancement with Trust Management", Managing Resources for Futuristic Wireless Networks, IGI Global publication, September 2020.
5. Book Chapter-13, "Blockchain Impact of Security and Privacy in Digital Identity Management", Blockchain for Information Security and Privacy, CRC Press (Taylor and Francis Group), December 2021.

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2. Lata L. Ragma, "Various approaches used in Balancing Inbound Traffic Engineering for Multihomed ASs", International Conference, SPIT-IEEE Colloquium, February 4-5, 2008, Mumbai, India. (Available online)
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1. Rekha Lathi and Lata Ragha, "BIOMETRICS - IRIS RECOGNITION", National Conference, SFIT, 4-6 Jan-2007, Mumbai.
2. Sanjay Vidhani and Lata Ragha, "Wireless Sensor Networks", Presented in National Conference on ICT-07, 1-3 March-2007, DJSCE, Mumbai.
3. Zainab Pirani and Lata Ragha, "KONCERN'- Hand Gesture Recognition System for Physically Impaired", National Conference-NCDIM-07, 23-24 March- 2007, TSEC, Mumbai.
4. Vanita M. Mane and Lata Ragha, "Security Issues in an Adhoc Networks", National Conference, NCDIM-07, 23-24 March- 2007, TSEC, Mumbai.
5. Smita Attade and Lata Ragha, "Enhanced BGP Routing for Network Engineering", National Conference, 13-14 March-2008, SIESGST, Navi-Mumbai.
6. Shital Dhamal and Lata Ragha, "An Enhanced Fault-Tolerant Routing Protocol in the Internet", National Conference, 13-14 March-2008, SIESGST, Navi-Mumbai.
7. Sarika Torat and Lata Ragha, "Comparative Study of Secure Internet Routing Protocols", National Conference, NCA'08, May-2008 at FCRCE, Bandra, Mumbai
8. Lata Ragha and SonalBhople, "Enhanced Cluster based Routing with Unilinks", National Conference-NCICT-09, 6-7 March 2009, DJSCE, Mumbai, India.
9. Pankaj Vanwari and Lata Ragha, "Hybrid Approach for Optimal Design of Distributed Database System", Presented in National Conference, EC2IT-KJSCE, 20-21, March, 2009
10. Kranti Ghag and Lata Ragha, "Comparative Study of CSS and YASS Stemming Algorithms", Presented in National Conference, EC2IT-KJSCE, 20-21, March, 2009
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13. Sonal Balpande and Lata Ragha, "Integrity and Confidentiality of character query in Outsourced Database", National Conference on Innovative Trends for Technology Developments, Technocon-2012, 6-7 January 2012, Wardha, Maharashtra, India.
14. Poonam Bari and Lata Ragha, ""A comparative review of Agricultural Practices using Machine Learning Approaches", National Conference on Innovative Technologies and Entrepreneurship Development in Agriculture, March 7-8, 2024, College of Agricultural Engineering and Technology, Dr. PDKV, Akola.