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List of publications (2015-2020)

1. B.Bharathi and Sanjay Ankali (2015), “A Proposed Method To Detect Porting And Copying Errors In Software Forking By Improving Semantic Porting Analysis”, International Journal of Applied Engineering Sciences, vol.10. iss.1, pp.441- 450. April 2015
2. S.Supriya and B.Bharathi (2015), Efficient Privacy preserving authentication for vehicular ad-hoc networks”, ARPN journal of Engineering and Applied Sciences, Vol.20, iss.10, Nov 2015. ISSN 1819-6608
3. N.Gokilavani and B.Bharathi (2015), A Survey: Optimal Approaches for Distributed Software Testing, International Journal of Applied Engineering Research, vol. 10. Iss..23, pp 42037-42048
4. R.Shyamala and B.Bharathi (2015), “Hybrid method for moving object exploration in dynamic scene: a study”, Global Journal of Pure and Applied Mathematics, vol.11, iss.8, pp. 4969 – 4964.
5. Shagun Mudgil and B.Bharathi (2015), “”Location based services with location centric profiles”, Contemporary Engineering Sciences, Vol. 8, 2015, no. 6, pp.271 – 277
6. B.Bharathi (2015), “A framework for the performance analysis of Component Based Systems”,In the proceedings of The International Conference on Circuit, Power and Computing Technologies ICCPCT’15. – IEEE explore **SCOPUS Indexed**
7. M.D.Kamalesh and B.Bharathi (2015), “Predicting the risk of diabetes mellitus to sub populations using association rule mining”, Proceedings of the International Conference on Soft Computing Systems, Advances in Intelligent Systems and Computing, vol.397, pp.59-665 **SCOPUS Indexed**
8. Megha Jayakumar, Ramya Naidu, B.Bharathi (2015), “A Comparitive Study On Rip And Ospf Protocols”, In the proceedings of IEEE Sponsored 2nd International conference on

Innovations in Information, Embedded and Communication Systems (ICIIECS'15) pp. 1-5, ISBN 978-1-4799-6817-6. . – IEEE explore **SCOPUS Indexed**

9. Achyuth K.P, Shreyas N. Kutty , B.Bharathi (2015), “Recommender system for mobile recharging using APIs”, In the proceedings of IEEE Sponsored 2nd International conference on Innovations in Information, Embedded and Communication Systems (ICIIECS'15) pp. 1-5, ISBN 978-1-4799-6817-6. . – IEEE explore **SCOPUS Indexed**
10. Jenifer Mathilingam, B.Bharathi (2016),” A method of reducing the skew in reducer phase - Block chain algorithm” Proceedings of IEEE International Conference on Circuit, Power and Computing Technologies, ICCPCT 2016 **DOI: 10.1109/ICCPCT.2016.7530310– IEEE explore SCOPUS Indexed**
11. Sandip Vaniya, B.Bharathi, “Exploring Object Segmentation Methods in Visual Surveillance for Human Activity Recognition”, IEEE International Conference on Global Trends in Signal Processing, Information Computing and Communication (ICSPICC-2016) at SSBT's College of Engineering and Technology, Bambhori, Jalgaon, Maharastra India on 22-24 December - 2016. **SCOPUS Indexed**
12. D.Hemalatha, B.Bharathi “Literature Survey on Existing Analytical Schemes to Optimize the Mining Results Using Incremental Map Reduce”, IEEE Xplore publications, ICONSTEM, Chennai, March, 2017. **SCOPUS Indexed**
13. Gautam Patel, D.S.Prasanth, B.Bharathi, “Research and development of a mobile based women safety application with real-time database and data-stream network” IEEE Xplore publications, ICCPCT 2017, March 2017 **SCOPUS Indexed**
14. Anto Praveena, B.Bharathi (2017), “A survey on Big Data Analytics”, International Conference on Information Communication and Embedded Systems, ICICES 2017 **SCOPUS Indexed**
15. R.Sathyavathi, B.Bharathi (2017), “A review on fault detection in wireless sensor networks”, International Conference on Communication and Signal Processing ICCSP 2017. **SCOPUS Indexed**
16. P.Sindhusha, B.Bharathi (2017), “Privacy protection on data overflow system for smartphones” International Conference on Computation of Power, Energy Information and Commuincation (ICCPEIC), 2017 DOI: 10.1109/ICCPEIC.2017.8290383 **SCOPUS Indexed**
17. R.Sathyavathi, B.Bharathi (2017), “Automation of Street Lights for Smart City”, International Conference on Communication and Signal Processing ICCSP 2017. DOI: 10.1109/ICCSP.2017.8286503 **SCOPUS Indexed**
18. Vineeth Nalla, Iyappa Maturi, B.Bharathi (2018), “House Price Prediction using Machine Learning algorithms”, Accepted for publication in International Conference on Soft Computing systems, Springer - Communications in Computer and Information Science (CCIS) Series **SCOPUS Indexed**

19. S.Revathy, B.Bharathi (2018), "Gestational Diabetics using Logistic Regression in R", International Conference on Computational Vision and Bio Inspired Computing, Springer ICCVBIC 2018 (Accepted) **SCOPUS Indexed**
20. Anusha Reddy, B.Bharathi (2019), "An overview on Change Detection and a Case Study Using Multi-temporal Landsat-8 Images", Accepted for International Conference on Computational Intelligence in Data Science.
21. Supriya, B.Bharathi, (2019), "A Novel Two Phase Authentication Mechanism for Integrated Messaging Intelligent Transport System" - IEEE Conference ICCCA 2018 15th December 2018, PSG Technology,Coimbatore - Paper ID 238
22. Supriya, B.Bharathi, (2019), "Vehicles communication using different algorithms in Vehicular Adhoc Networks – IEEE Conference,5th January 2019, Galgotia University, Delhi. Paper ID 426, ISBN: 978-1-5386-6946-4
23. B.Bharathi and Mahesh kumar (2016), 'Non invasive BG scrutinizer system', Global Journal of Pure and Applied Mathematics, vol.12, iss.8, pp. 5123 – 5125.
24. B.Bharathi and Mahesh Kumar(2016), "A Prototype Of Low Cost Implementation Of An Intelligent Home Automation System", ARPN Journal of Engineering and Applied Sciences vol.11, april issue.
25. B.Bharathi and Priyanka Kumari (2016), "Secure data hiding in image over encrypted domain", ARPN Journal of Engineering and Applied Sciences vol.11, april issue.
26. K.Ramya and B.Bharathi (2015)," Overview of the Application of Cloud Computing in Data Mining", International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE) ISSN: 0976-1353 Volume 12 Issue 3 –JANUARY 2015.
27. G.Gokilavani, B.Bharathi,(2019) "'Multi-Objective based Test Case Selection and Prioritization for Distributed Cloud Environment", Accepted for International Journal of Theoretical and Applied Nanoscience Journal (March 2019 issue)
28. B.Bharathi, D.Hemalatha, "Analytical Schemes to Optimize The Mining Results Using Incremental Map Reduce" Global Journal of Pure and Applied Mathematics (GJPAM). Paper Code: 53572, vol.13 (8).
29. B.Bharathi, Faizur Rahman,(2018) "Smart Surveillance Robot",International Journal of Pure and Applied Mathematics,vol.119(7), pp.513-518.
30. P.Sundar Kumar,B.Viswanadham, B.Bharathi(2019), "Analysis of Road Accidents", IOP Conf. Ser.: Mater. Sci. Eng. **590** 012029 <https://doi.org/10.1088/1757-899X/590/1/012029>
31. R.Nimesh, P. Veera Raghava, S. Prince Mary, B. Bharathi(2019), "A Survey On Opinion Mining And Sentiment Analysis" International Conference on Frontiers in Materials and Smart System Technologies IOP Conf. Series: Materials Science and Engineering **590** (2019) 012003 IOP Publishing doi:10.1088/1757-899X/590/1/012003

32. Vikas Vellampalli, Debasis Das, B.Bharathi (2019), "Discovering Clusters of Nearby Routes in Spatial Networks", IOP Conf. Ser.: Mater. Sci. Eng. **590** 012011 <https://doi.org/10.1088/1757-899X/590/1/012011>
33. S. Prince Mary, B. Bharathi, Bayana Venkata Sai Ujwala and Ravi Laxmipriya (2019), "Navigation Assistance Using an Umbrella" IOP Conf. Ser.: Mater. Sci. Eng. **590** 012025 <https://doi.org/10.1088/1757-899X/590/1/012025>
34. B.Bharathi, Sandip Vaniya,(2018) Multi-Camera Human Activity Recognition in Visual Surveillance – A Recent Advances, Journal of Advanced Research in Dynamical and Control Systems, vol.9, special issue, pp-1411-1421.
35. S.Prince Mary, B.Bharathi (2018), "A survey on smart hotel management system using IoT", vol.119(7), pp.513-518.
36. Sutheendran Prasanna, B.Bharathi (2018), Vehicle License plate recognition for Surveillance Systems, Accepted for publication in International Journal of Pure and Applied Mathematics.
37. M.D.Anto Praveena, B.Bharathi (2018), "A Hybrid Feature Selection Algorithm for Big Data Dimensionality Reduction", Int. J. of Advanced Intelligence Paradigms (IJAIP), InterScience. IJAIP-215181.(in production)
38. Anusha Reddy, B.Bharathi, (2019) "Change Detection and Flood water mapping using Synthetic aperture radar images", Journal of Computational and Theoretical Nanoscience, Vol16, pp.3544-3549.
39. Anusha Reddy, B.Bharathi, (2019) "Flood detection and flood mapping using multi-temporal Synthetic aperture radar and optical data", Sent for production in The Egyptian Journal of Remote Sensing and Space Sciences journal, Elsevier (WoS)
40. B.Bharathi, Bindhu Shamily (2020), "A review on Iris Recognition system for person Identification", Int. Journal of Computational Biology and Drug Design, Vol.13, no.3, pp.316-331, June 2020
41. Balaji Venkatachalam, B.Bharathi (2020), "Application of Artificial Intelligence in Management Information System", Springer series book chapter, Learning and Analytics in Intelligent Systems, Vol.16, pp 395-403, May 2020.
42. Vijeya Kaveri V, Meenakshi V, Bharathi B, Albert Mayan J (2020), " Smart Garbage Monitoring System Using IoT", Advances in Computational and Bio-Engineering , pp.421-428.
43. V.Gokilavani, B.Bharathi (2019), "Towards the Prioritization of Testcase by using NDSC-FFNN", Journal of Engineering and Applied Sciences, Vol.15, Nov.2019.
44. M.D.Anto Praveena, B.Bharathi (2019), "Computation of Missing Fields Based on Neural Network in the Field of Healthcare", International Journal of Advanced Science and Technology, vol.28(13), pp- 366 - 375.
45. Lavanya, R., Bharathi, B (2020), "Semantic analysis of big data in hierarchical interpretation of recommendation systems",

Lecture Notes on Data Engineering and Communications Technologies, ICSCN 2019: Sustainable Communication Networks and Application pp 304-310

46. Asha Pandian!, Bharathi Varadharajulu, Albert Mayan John, Prem Jacob, and Pravin (2019), "A Comprehensive View of Scheduling Algorithms for MapReduce Framework in Hadoop" *Journal of Computational and Theoretical Nanoscience* Vol. 16, 3582–3586
47. G.Satya Sravanth, G.V.H.Kiran Reddy, B.Bharathi (2020), "Voice Recognition and Control of 3-axis robot using AI", *International Journal of Advanced Science and Technology*, vol.29(9), pp- 131-136.
48. R. S. B. Krishna, B. Bharathi, M. U. Ahamed. A and B. Ankayarkanni, "Hybrid Method for Moving Object Exploration in Video Surveillance," 2019 International Conference on Computational Intelligence and Knowledge Economy (ICCIKE), Dubai, United Arab Emirates, 2019, pp. 773-778, doi: 10.1109/ICCIKE47802.2019.9004330.
49. S.Revathy, B.Bharathi, P.Jeyanthi, M.Ramesh (2019), "Chronic Kidney Disease Prediction using machine Learning Models" *International Journal of Engineering and Advanced Technology*, vol.9.(1) 6364. 10.35940/ijeat.A2213.109119.
50. D. Usha Nandini, S. Prince Mary, R. Sathyabama Krishna, B. Bharathi, V. Maria Anu (2019), "IoT Based Vehicle for Industrial Environment Monitoring", *International Journal of Recent Technology and Engineering (IJRTE)* ISSN: 2277-3878, Volume-8, Issue-2S11, September 2019
51. Vineeth N., Ayyappa M., Bharathi B. (2018) House Price Prediction Using Machine Learning Algorithms. In: Zelinka I., Senkerik R., Panda G., Lekshmi Kanthan P. (eds) *Soft Computing Systems*. ICSCS 2018. Communications in Computer and Information Science, vol 837. Springer, Singapore. https://doi.org/10.1007/978-981-13-1936-5_45