

Dr. M. Vijayakumar , B.E., M.E.,Ph.D.,

Professor,

Dept. of Computer science and Engineering,

Jai Shriram Engineering college,

Avinashpalayam, Tirupur - 638660

Tamilnadu

Mobile: + 91 94425 51155

E-mail: tovijayakumar@gmail.com

Area of Interest : Data mining, Data analytics, Internet of Things, Block chain , Network Security, Machine Learning

Journals Published (Last 5 years):

1. C. R. Dhivyaa & M. Vijayakumar, “The Blood Vasculature of the Retina Using Routine Segmentation”, IETE Journal of Research, 2020
2. A.P. Gopu & M. Vijayakumar,” A Survey on Secure Data Transmission in Wireless Sensor Network Using Internet of Things (IoT)”, Jour of Adv Research in Dynamical & Control Systems, Vol. 12, No. 1, 2020
3. K.S.Muralikrishnam & M.Vijayakumar,” Sustainable Watering Solution for Smart Irrigation Using Self-aware Sensors and Semantic Web of Things”, Jour of Adv Research in Dynamical & Control Systems, Vol. 12, No. 1, 2020.
4. T. Sureshkumar & M.Vijayakumar, “Security in IoT Networks Using Blockchain Technology”, Jour of Adv Research in Dynamical & Control Systems, Vol. 12, No. 1, 2020
5. C. R. Dhivyaa & M. Vijayakumar,” An Effective Detection Mechanism for Localizing Macular Region and Grading Maculopathy”, Journal of Medical Systems, Springer Science+Business Media, LLC, part of Springer Nature, January 2019
6. M.Vijayakumar & E.Prabhakar, “A Hybrid Combined Under-Over Sampling Method for Class Imbalanced Datasets”, International Journal of Research and Advanced Development, Volume 02, Issue 05, 2018
7. T.Sureshkumar, P.Saveetha and M.Vijayakumar ,”Energy Efficient Virtual Machine Consolidation using Dynamic Threshold in Cloud Data Centers”, International Journal of Research and Advanced Development, Volume 02, Issue 03, pp. 11-16, 2018.
8. B. C. Preethi, Dr. M. Vijayakumar, “ A Novel Cloud Integration Algorithm (CIA) for Energy Efficient High Performance Computing Applications in Big Data Multimedia Applications”, Romanian Journal Of Information Science And Technology Volume 21, Number 1, 2018
9. S.AsamGowthar & M.Vijayakumar, “A Novel in Cloud Manufacturing Environment that Improves the Work – flow Scheduling by Using Particle Swarm Optimization Technique” , Asian journal of Applied Science and Technology (AJAST) April 2018.

10. Aslam Gowthar S, VijayaKumar M, “ Improve Work-flow Scheduling Technique for Novel Particle Swarm Optimization in Cloud Manufacturing Environment”, International Journal of Innovative Research in Engineering Science and Technology, Vol VI Issue 01 PP 38-45, April 2018.
11. M.Vijayakumar, D.Devi Kala Rathinam, M.Swetha Vadera, N.Karpagam, S.Leelavathi,” Women Safety Location Tracker”, International Journal of Scientific & Engineering Research Volume 8, Issue 7, July-2017
12. D.Priya & M.VijayaKumar, “Prediction Of Sequential Travel Route Recommendation For Journey Planning”, International Journal of Innovative Research In Engineering Science and Technology June 2017
13. D.Priya, M.Vijayakumar & S.Devarajsamy, “Personalised Travel Sequence Recommendation Based on Author Matrix Modeling algorithm On Multisource Big Data”, International Journal of Scientific & Engineering Research Volume 8, Issue 5, May 2017
14. S. Prakash & M. Vijayakumar, “Risk Assessment in Cancer Treatment using Association Rule Mining Techniques”, Asian Journal of Research in Social Sciences and Humanities, Vol. 6, No. 10, October 2016
15. T.Kiruthiga & M.Vijayakumar, “Review on association Rule Mining Techniques with Machine Learning Approach for Cancer Treatment”, Asian Journal of Research in social Science and Humanities, Vol.6, No.8 August 2016.
16. M.Vijayakumar & S.Prakash, “An Improved sensitive Association Rule Mining using Fuzzy Partition Algorithm”, Asian Journal of Research in social science and Humanities, Vol-6, No.6 June 2016.
17. M.Vijayakumar, N.Lavanya, N.Madhubala, G.Poornodaya, M.Saranya, “ Design of a Communication Aid For Physically Challenged ”, International journal of innovative Research in Engineering Science and Technology, March 2016 Special Issue.
18. M.Vijayakumar , Vidya.V.Nair, Anju Ann Biji, “ GPS City Bus Tracking System”, International journal of innovative Research in Engineering Science and Technology, March 2016 Special Issue.
19. T.Kiruthiga & M.Vijayakumar, “Survey of association rule mining techniques using cancer disease treatment, ”, International Journal of Innovative Research in Engineering Science and Technology, Vol.3 Issue 0 December 2015.
20. V.S.Suresh kumar & Dr.M.Vijayakumar, “DDos Attack Detection by using Traffic Flow analysis for Streaming Data” , International Journal on Engineering Technology and sciences”, Vol 2 Issues 8 August 2015
21. K.Abinaya & M.Vijayakumar, “Support Vector Machine Technique for Risk Assessment in Patients Suffering From Congestive Heart Failure via Heart Rate Variability Variant”, International Journal of Engineering Development and Research, Volume 3, Issue 2, 2015