

Publications

International Journals:

1. Pushpalatha M P and Nalini N, Comparative Analysis of Generalization of Dyadic Wavelet based Neural Networks (DWNN) towards Optimal Network Structure for Non-linear Function Estimation, International Journal of Computer Theory and Engineering (IJCTE ISSN: 1793-8201)
2. Pushpalatha M P and Nalini N, Generalization Analysis of Wavelet Frame based Neural Network for Function Representations using compactly supported Gaussian Wavelets, International Joint Journal Conferences in Computer Electronics and Electrical (IJJCEE- 2009) Vol.2, No. 7, November 2009.
3. Pushpalatha M P and Nalini N, An Integrated Multistep Prediction system based on wavelet filter analysis and Improved Instance Based learning (IIBL), International Symposium on Biocomputing (ISB-2010) held at Calicut, Kerala, India on 15th to 17th of February 2010, Published in ACM- Portal Digital Library.
4. Prema N S, Pushpalatha M P, Preterm birth prediction using data mining-A survey,, IIOAB computer science Volume 10, Issue 2, page:13-17, ISSN: 0976-3104 ,January 2019.
5. Prema N S, Pushpalatha M P, Evaluation of Risk Factors of Gestational Diabetes Mellitus (GDM) Using Data Mining, International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249 – 8958, Volume-8 Issue-6, page 695-698, August 2019
6. Prema N S, Pushpalatha M P, An Ensemble Model for the Prediction of Gestational Diabetes Mellitus (GDM), Indian Journal of Public Health Research & Developments: 0976-5506, Volume- 10, Issue- 9, page:44-48 September 2019,
7. MR Pooja, MP Pushpalatha A Neural Network Approach for Risk Assessment of Asthma Disease - Journal of Health Informatics & Management, 2018-GOOGLE SCHOLAR
8. Pooja MR, Pushpalatha MP (2019) A Comparative Performance Evaluation of Hybrid and Ensemble Machine Learning Models for Prediction of Asthma Morbidity. J Health Med Informat 10: 330. doi: 10.4172/2157-7420.1000330-PUBLONS
9. Pooja, M.R. & Pushpalatha, M.P. (2019). A predictive framework for the assessment of asthma control level. International Journal of Engineering and Advanced Technology. 8239-245. - SCOPUS.
10. Pooja MR, Pushpalatha MP. Analysis of A Panel of Cytokines in BAL Fluids to Differentiate Controlled And Uncontrolled Asthmatics Using Machine Learning Model. Journal of Respiratory Research 2019; 4(1). -GOOGLE SCHOLAR
11. Pooja MR, Pushpalatha MP, Machine Learning approaches for Risk Stratification

and Predictive Modeling of Asthma. Journal of Clinical Respiratory diseases and care 2019- PUBLONS

12. Pooja MR, Pushpalatha MP, Cluster Analysis to Characterize the Patterns of Complementary and Alternative Medicines Usage in Asthma Controls, The Open Public Health Journal,2020.,13(1). –SCOPUS
13. Pushpalatha M P,Shashikala B M, etl Blood Donation Prediction and Identification of Risk Factors with Non-Donors Using Machine Learning Approaches. Pramana Research Journal Page No: 1-7 DOI: 16.10089.PRJ. 2021.V11I7.20.9401
14. Pushpalatha M P, Shashikala B M, etlComparative Study of Machine Learning Approaches for Blood Donor Classification, Pramana Research Journal, Page No: 146-151 DOI: 16.10089.PRJ. 2021.V11I6.20.9317
15. Machine Learning Clustering Method for Analysis of Blood Donor Deferral, Shashikala B.M., Pushpalatha M.P., Vijaya B. International Journal of Computer Applications, Volume 183 - Number 27 Year of Publication: 2021 ISBN : 973-93-80902-10-7 doi:10.5120/ijca2021921659
16. Mamatha:AMaternity Self-Help Application, Dr M P Pushpalatha, Divya R Madhyan,Gaurav Gobind Singh,Sushil Kumar,International Journal for Technological Research in Engineering(IJRTE),vloume7,Issue 12,August-2020
17. “Preventing Cross Border Infeltration using CNN" Hymavathi B U, M P Pushpalatha, Santosh Umesh Shet,published in Defence Science Journal – DRDO,2020

International Conferences:

1. Pushpalatha M P and Nalini N, A wavelet based neural network approach of function approximation at National conference on Computing Technologies, , held at Department of computer Science and Engineering, Mepco Schlenk Engineering . College Sivakasi, India ,3 rd March 2006
2. Pushpalatha M P and Nalini Estimation and representation of non-linear static functions using non-orthogonalcontinuous wavelets, 8th WSEAS InternationalConference on Artificial Intelligence, knowledge Engineering and Data Bases (AIKED -09) held at Cambridge University, UK, on 21st to 23 rd of February 2009.
3. Pushpalatha M P and Nalini NCompact network with improved generalization using wavelet basis function network forstatic non-linear functions, International Joint Conferences on Neural Networks (IJCNN-2009) organized by International Neural Network Society and IEEE Computational Intelligence Society, held at Atlanta, Georgia USA on 14th to 19th of June 2009.
4. Pushpalatha M P and Nalini N, Improved Instance Based Learning for Multi- Step

Ahead Time Series Forecasting International Conference on Information Systems and Software Engineering (ICISSE09), held at Meenakshi Sundarajan Engineering College, Chennai, India, on 28th to 30th of December 2009.

5. Pushpalatha M P and Nalini N, Optimal Learning with Progressive Accuracy for Function Representations in Orthogonal Wavelet Neural Network (WNN), International Conference on Advances in Computing, Control and Telecommunication Technologies (ACT-2009), held at Trivandrum City, Kerala, India on 28 th to 29 the December 2009.
6. Pushpalatha M P and Nalini N, Multistep ahead Stock and Exchange rate Prediction Integrating Wavelet Denoising And Improved Instance Based Learning, International Conference on Advances in Industrial Engineering (ICAIEA – 2010) held at Guindy, Anna University, and Chennai, India on 6 th to 8 th of January 2010
7. Pushpalatha M P and Nalini NA Hybrid System Integrating a B - Spline wavelet filter and Improved instance based learning for multistep ahead time series forecasting, , International Conference on Challenges and Applications of Mathematics in Science and Technology (CAMIST), held at NIT, Rourkela, India on 11th to 13 th of January 2010.
8. PushpalathaM P and Nalini N Evolving User Modeling Wavelet Neural Network for face Recognition, International Conference on Computing, Communication and Information Technology Applications (CCITA-2010), held at VLB Janakiammal College of Engineering, Coimbatore, India, on 21 st to 23 rd of January 2010.
9. Pushpalatha M P and Nalini N Analysis on the Convergence of Dyadic based Neural Network with varying n for function learning, P, the 2 nd International Conference on Machine Learning and Computing (ICMLC 2010), held at Bangalore, India on 9th to 10thof February 2010
10. Pushpalatha M P and Nalini N, Time series analysis using wavelet filters improved instance-based learning for multi-step predictions, 3rd IIMA International Conference onAdvanced Data Analysis, Business Analytics and Intelligence, ICADABAI 2013 at IIM Ahmedabad on April 13-14, 2013.
11. Pushpalatha M P and Nalini Wavelet Based Exchange Rate Forecasting with Improved Instance Based Learning, WORLD COMP 2013 the 12th International Conference on Information & Knowledge Engineering to be held from July 22-25,2013, Las Vegas, USA.
12. Pooja M R, Pushpalatha M PA Hybrid Decision Support System for the identification of Asthmatic Subjects in across sectional study, 2nd International Conference on Emerging Research in Electronics, Computer Science and Technology held at PES, Mandya from 17th to 19th Dec 2015
13. Pooja M R, Pushpalatha M P, A Predictive Model for the effective prognosis of Asthma using Asthma Severity indicators, International Conference on Computer

Communication and Informatics (ICCCI -2017), held at Coimbatore, INDIA from Jan. 0507, 2017

14. Prema N S, Pushpalatha M P, Prediction of GDM using classification, IEEE International Conference on science, technology, engineering and management (ICSTEM-2017), held at Coimbatore, INDIA from March 03 – 04, 2017
15. Prema N S, Pushpalatha M P, Machine Learning Approach for Preterm Birth Prediction Based on Maternal Chronic Conditions, Part of the Lecture Notes in Electrical Engineering book series (LNEE, Volume 545), Emerging Research in Electronics, Computer Science and Technology pp 581-588.
16. Analysis of Association between Caesarean Delivery and Gestational Diabetes Mellitus Using Machine Learning Proceedings of Engineering and technology innovation, Proceedings of Engineering and Technology Innovation, Volume-15, page: 08 – 15,2020.
17. Pooja MR, Pushpalatha MP. A hybrid decision support system for the identification of asthmatic subjects in a cross-sectional study. In2015 International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT) 2015 Dec 17 (pp. 288-293). IEEE. -SCOPUS
18. Pooja MR, Pushpalatha MP, A predictive model for the effective prognosis of Asthma using Asthma severity indicators. In2017 International Conference on Computer Communication and Informatics (ICCCI) 2017 Jan5 (pp. 1-6). IEEE. -SCOPUS
19. Pooja MR, Pushpalatha MP. An Empirical Analysis of Machine Learning Classifiers for Clinical Decision Making in Asthma. In International Conference on Cognitive Computing and Information Processing 2017 Dec15 (pp. 105-117). Springer, Singapore. -SCOPUS
20. ShashikalaB M, Puspalatha M P, Vijaya B, Web Based Blood Donation Management System (BDMS) and Notifications International conference on Cognitive Computing and Information Processing, CCIP2017 (Springer) DOI: 10.1007/978-981-10-9059-2_12 –SPRINGER
21. ShashikalaB M, Puspalatha M P, Vijaya B, Machine learning approaches for potential blood donors'prediction, international conference on Emerging Research in Electronics, Computer Science and Technology ICERECT 2018(springer)-SPRINGER
22. ShashikalaB M, Puspalatha M P, Vijaya B,Android App for Identifying Blood Donors Using Machine Learning Approach, CEG SPONSORED TWO DAYS NATIONAL LEVEL CONFERENCE on" Current Trends in e-goverance" Feb 15&16 CTEG-2020
23. Shashikala B M, Pushpalatha M P, Vijaya Food Recommendation System for Blood Donors Deferral, International conclave "AIE 2021-AI at the edge: The next Generation of Data Processing" April 15 &16 2021

