

Dr. P.NATESAN
Professor, Department of Computer Science and Engineering, Kongu Engineering College,
Perundurai – 638 060, Erode, Mobile: 9443840665

LIST OF PUBLICATIONS

International Journals Publications:

1. Dr.P.Natesan, Dr.E.Gothai, Dr.R.Thamilselvan, Dr.R.R.Rajalaxmi.,
“Identification of weeds from crops using Convolutional Neural Network”,
International Journal of Scientific & Technology Research ISSN 2277-8616
(SCOPUS), Volume 9, Issue 04, pp: 842-847, April 2020
2. P.Natesan, E.Gothai, K.M. Naveen, J.Santhosh, L.Naresh Chanthiran.
Engineering Graduate Student’s class Attentiveness Based Smart Attendance
Monitoring System using Multi-Layer Deep Neural Network. International
Journal of Advanced Science and Technology, 29(05), 2499 – 2505, April-2020.
3. Dr.R.Thamilselvan, Dr.K.Palanisamy, Dr.P.Natesan, Dr.R.R.Rajalaxmi and
Dr.E.Gothai, “Quality of Life and Mobile with Internet Addiction Among
Engineering College Students: A Correlation Study”, Biosc. Biotech. Res. Comm.
(WoS) Special Issue Vol 13 No (6) 2020 Pp-188-194.
4. Dr. R. Thamilselvan; Dr.E.Gothai; Dr. P.Natesan, “Hybridization of Cuckoo
Search and Firefly Algorithm with Genetic Algorithm for Job Shop Scheduling in
Distributed Computing”, Test Engineering and Management 0193-4120 Volume.
83, No. 5, pp. 16279-16288 June 2020.
5. Dr.E.Gothai, Dr.R.Thamilselvan, Dr.R.R.Rajalaxmi, Dr.P.Natesan.,” Fruit
Recognition Using Color Feature with Deep Convolutional Neural Network”,
International Journal of Scientific & Technology Research ISSN 2277-8616
Volume 9, Issue 03, pp: 6116-6120 March 2020

6. Dr.R.R.Rajalaxmi., Dr.E.Gothai., Dr.R.Thamilselvan., Ms.P.GokilaBindha., Dr.P.Natesan., “Naïve Bayes guided Binary Firefly Algorithm for Gene Selection in Cancer Classification”, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878,, Volume-8, Issue-4, pp: 7405-7409, November 2019.
7. K.Venu and Natesan.P., Classification of Myocardial Infarction using Convolution Neural Network,International Journal of Recent Technology and Engineering (IJRTE),Vol.8,No.,pp.12763-12768, Nov-2019.
8. R.R.Rajalaxmi.,E.Gothai.,R.Thamilselvan.,P.Gokila Brinda and Natesan.P, Naive Bayes guided Binary Firefly Algorithm for Gene Selection in Cancer Classification,International Journal of Recent Technology and Engineering (IJRTE),Vol.8,No.4,pp.7405-7409,Nov-2019.
9. R.R.Rajalaxmi.,P.Natesan.,N.Krishnamoorth and Ms.S.Ponni, “Regression Model for Predicting Engineering Students Academic Performance”, Journal of Computational and Theoretical Nano science, Vol.7, No.6S3,pp.71-75 April-2019.
10. P.Natesan.,R.R.Rajalaxmi,G.Gowrison and P.Balasubramanie, “Hadoop Based Parallel Binary Bat Algorithm for Network Intrusion Detection”, International Journal of Parallel Programming, Vol.No.45,Issue.3,1194-1213, 2017,.
11. R.ThamilSelvan and P.Natesan, “Asian Journal of Research in Social Sciences and Humanities”, Asian Journal of Research in Social Sciences and Humanities, Vol.6, No.9, pp.2162-2175,Sep-2016.
12. P.Natesan and S.Mohana Priya,"Reducer Load Balancing and Lazy Initialization in Map Reduce Environment", International Journal of Engineering Science and Innovative Technology (IJESIT), Vol.3, No.2, pp.572-578,March-2014

Book Chapters

1. Venu K., Natesan. P., Krishnakumar B and Sasipriyaa N, Handbook of Research on Applications and Implementations of Machine Learning Techniques- Disease Identification in Plant Leaf Using Deep Convolutional Neural Networks, IGI Global, headquartered in Hershey, Pennsylvania (USA),Sep-2019.

2. P.Natesan.,P.Balasubramanie and G.Gowrison, Handbook of Research on Network Security Attacks and Countermeasures/ Adaboost Algorithm with single weak classifier in network intrusion detection IGI Global, headquartered in Hershey, Pennsylvania (USA),Feb-2016

Papers Presented in the International Conferences

1. P. Natesan, V. V. priya and E. Gothai, "Classification of Multi-Lead ECG Signals to Predict Myocardial Infarction Using CNN," 2020 Fourth International Conference on Computing Methodologies and Communication (ICCMC), Erode, India, 2020, pp. 1029-1033.doi: 10.1109/ICCMC48092.2020.ICCMC-000192
2. E. Gothai, P. Natesan, S. Aishwariya, T. B. Aarthi and G. B. Singh, "Weed Identification using Convolutional Neural Network and Convolutional Neural Network Architectures," 2020 Fourth International Conference on Computing Methodologies and Communication (ICCMC), Erode, India, 2020, pp. 958-965, doi: 10.1109/ICCMC48092.2020.ICCMC-000178.
3. Natesan.P and Gothai.E., Identification of weeds from crops using Convolutional Neural Network, AICTE sponsored International conference on Recent Trends and Challenges in Healthcare Informatics,Dec-2019.
4. Gothai.E and Natesan.P., Fruit recognition using deep convolutional neural network with color feature,AICTE sponsored International conference on Recent Trends and Challenges in Healthcare Informatics,Dec-2019
5. K.Venu.,Natesan.P.,N.Sasipriya and S.Poorani, Review on Brain Tumor Segmentation Methods using Convolution Neural Network for MRI Images, International Conference on Intelligent Computing and Communication for Smart World (I2C2SW-2018),Dec-2018.
6. R.R.Rajalaxmi.,P.Natesan.,N.Krishnamoorthy and S.Ponni, "Regression model for predicting engineering students Academic performance",Research Conference on Data and Decision Science RCDDS – 2018, SRM University,Chennai,May-2018.
7. S.Kiruthika Gandhi and P.Natesan, A Novel Intrusion Detection System Based on parallel Support Vector Machine Algorithm, IEEE Sponsored third International conference on Science,Technology, Engineering and Management 2017 (ICONSTEM'17),Mar-2017.

8. R.R.Rajalaxmi.,ASM Valar.,P.Natesan and E.Gothai, Map Reduce based Gene Selection with parallel Binary Flower Pollination Algorithm in Cancer Classification,Fourth International Conference on Business Analytics and Intelligence 2016(ICBAI-2016), Dec-2016.
9. P.Natesan and P.Vishnupriya, Unsupervised Binary Bat Algorithm for Intrusion Detection System, IEEE Sponsored 3rd International conference on Electronics and Communication Systems(ICECS 2016),Mar- 2016
10. P.Natesan and S.Varuna, An Integration of K-Means Clustering and Naïve Bayes Classifier for Intrusion Detection, Signal Processing, Communications and Networking(2015)(IEEE Xplore) Madras Institute of Technology, Anna University, Chennai,Feb- 2015.
11. P.Natesan and S.MohanaPriya, A Micro partitioning technique for massive data analysis using map Reduce, Information communication and Embedded systems (IEEE Xplore), S.A College of Engineering, Chennai, Mar - 2014.