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List of Publication:

International Journals

1. **R.Chitra, V.Seenivasagam**, 2015, "Heart Disease Prediction System Using Intelligent Network", *Power Electronics and Renewable Energy Systems, Springer LNEE*, Vol. 326, No. 134, PP.1377-1384, Springer.
2. **R.Chitra, V.Seenivasagam**, 2016, "Myocardial Infarction Detection Using Intelligent Algorithms", *Neural Network World*, Vol. 26, No. 1, PP.91-110, Czech Technical University in Prague, SCI, DOI : DOI: 10.14311/NNW.2016.26.005.
3. **R.Chitra, Liji Sara Varghese**, 2016, "An analysis of Data mining Approaches for Prediction of Heart Diseases in Newborns", *International Journal of Engineering and Future Technology*, Vol. 5, No. 5, PP.48-54, DOI : ISSN 2455-6432
4. **R.Chitra** , T.M , Chenthil Jegan, R Ezhilarasu, "Artificial Neural Network Applications in Machining Process: A Review", "International Journal of Control Theory and Applications", Vol 10, No 27, 2017
5. **.R. Chitra** , T.M , Chenthil Jegan, R Ezhilarasu , "Analysis of myocardial infarction risk factors in heart disease dataset", "Biology and Medicine Case Report", Vol 1. No 1, 2017.
6. **R. Chitra** , T.M , Chenthil Jegan, "Influence of myocardial infarction risk factors in heart disease dataset – An overview using RSM", "Chinese Communications", [Submitted]
7. **R. Chitra** , T.M , Chenthil Jegan, "Process Optimization in ANN – Experimental study", "Journal of Artificial Intelligence and Soft Computing Research"[Submitted]
8. **R.Chitra** , J.Shafeena, "Detection of Stroke using Image Enhancement and Segmentation", *International Journal of Recent Technology and Engineering*, Vol 9, No 1, 2020, pp 1613-1616, DOI :10.35940/ijrte.A2525.059120
9. **R.Chitra**, S.Muthulakhmi, "Exploration on Applications and Challenges of Internet of Things", *International Journal of Digital Communication and Networks (IJDCN)* Volume 4, Issue 7, April 2020, pp 1-4.

Technical Paper presented in Conference

1. **Chitra.R**, 03/05/ 2019., Review on Eye detection system, *National Conference on Advances in Energy Efficient Technologies (NCAEET'19)*, Proceedings of National Conference on Advances in Energy Efficient Technologies (NCAEET'19), PP.115-119, Marian College of Engineering
2. **Chitra.R**, 02/04/2019, Human Knee Modelling Using 3d Slicer and Meshlab, *National Conference on Innovative Computing , Science and Engineering(NCICSE'19)*, Proceedings of National Conference on Innovative Computing , Science and Engineering(NCICSE'19), PP.337-339, Noorul Islam Centre for Higher Education
3. **Chitra.R**, 08/04/2017, Inference Attack on Browsing History of Twitter, *National Conference on Recent trends in Engineering Technology and Management(NCRTETM'17)*, Proceedings of IET Sponsored National Conference on Recent trends in Engineering Technology and Management(NCRTETM'17), PP.124, PSN College of Engineering and Technology
4. **Chitra.R**, 10/03/2016 & 11/03/2016, Enterprise Search Engine Powered by Apache Solar, *National Conference on Green Initiatives and Smart Grid(GISCON'16)*, Proceedings of National Conference on Green Initiatives and Smart Grid(GISCON'16), PP.116-118, St.Xaviers Catholic College of Engineering
5. **Chitra.R**, 10/03/2016 & 11/03/2016, Enterprise Search Engine Powered by Apache Solar, *National Conference on Green Initiatives and Smart Grid(GISCON'16)*, Proceedings of National Conference on Green Initiatives and Smart Grid(GISCON'16), PP.116-118, St.Xaviers Catholic College of Engineering
6. **Chitra.R**, 27& 28/03/2015, Abnormality Detection in ECG Signal using HAAR Wavelet Transform, *National Conference on Emerging Trends in Science and Technology (ETAST'15)*, Proceedings of National Conference on Emerging Trends in Science and Technology (ETAST'15), PP.121-124, Noorul Islam Centre for Higher Education
7. **Chitra.R**, 27& 28/03/2015, Prediction of Heart Disease in Newborns Using Feature Extraction and Feature Ranking, *National Conference on Emerging Trends in Science and Technology (ETAST'15)*, Proceedings of National Conference on Emerging Trends in Science and Technology (ETAST'15), PP.152-155, Noorul Islam Centre for Higher Education
8. **Chitra.R**, 27&28/02/2015, A Survey on Data Mining Approaches for Prediction of Heart Diseases in Newborns, *International Conference on Emerging Trends in Science,Engineering,Business and Disaster Management(ICBDEM-2015)*, Image Processing & Networking, PP.55-58, Noorul Islam Centre for Higher Education