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Publications

International Journals

1. Muthulakshmi.A, Dr.S.BaghavathiPriya," A Survey On Weather Forecasting To Predict Rainfall Using Big Data Analytics", International Journal of Innovative Science, Engineering and Technology, Vol. 2,Issue 10, pp. 879-886, October 2015.

2. Dr.S.BaghavathiPriya, A.Muthulakshmi, S.Usha, " Forecasting Weather to Predict Rainfall for Sustainable Agriculture using Machine Learning Techniques", Asian Journal of Research in Social Sciences and Humanities, Vol.6, No. 6, June 2016, PP.1846-1857 ISSN 2249-7315.

3. BaghavathiPriyaSankaralingam, Usha Sarngapani, RavichandranThangavelu, Proceedings of First International Conference on Information and Communication Technology for Intelligent Systems: Volume 2, "An Efficient Agro-Meteorological Model for Evaluating and Forecasting Weather Conditions Using Support Vector Machine", 10.1007/978-3-319-30927-9_7

4. BaghavathiPriyaSankaralingam, Usha Sarangapani, "Agronomic Meteorological Model for Weather Forecasting to predict the rainfall using Machine Learning Techniques", International Journal of Convergence Computing , Vol. 2 No. 2 2016. PP. 183-192. Inderscience Publishers.

5. G.Anitha, S.BaghavathiPriya, "Posture based health monitoring and unusual behavior recognition system for elderly using dynamic Bayesian network", Cluster Computing: the Journal of Networks, Software Tools and Applications **Impact factor:** 2.040 (2016), **Publishers:** United States of America, Springer Science+Business Media

6. Seedha Devi, Dr.T.Ravi, Dr.S.Baghavathi Priya, " Cluster Based Aggregation Scheme for Latency and Packet Loss Reduction in WSN", Computer Communications(ELSEVIER) Accepted 2 October 2019.

7. N.Kanagavalli, S.BaghavathiPriya, "Ïssues and Challenges on Social Networking Applications" International Journal of Innovative Technology and Exploring Engineering(IJITEE), ISSN: 2778 – 3075, Vol.8 Issue 12, October 2019(Scopus).

8. B.Karthikeyan, T.Sasikala, S.BaghavathiPriya, "Key Exchange Techniques Based on Secured Energy Efficiency in Mobile Cloud Computing", International Journal of Applied Mathematics & Information Sciences, Vol.13, Issue No. 6, PP. 1039-1045, November 2019.

9. V.Seedha Devi, T.Ravi, S. BaghavathiPriya, "Cluster Based Data Aggregation Scheme for Latency and Packet Loss Reduction in WSN", ELSEVIER, Computer Communications, The International Journal for the Computer and Telecommunications Industry, Volume 149, Pages 36-43, January 2020 [SCI Indexed, Impact Factor :2.766, SCOPUS Indexed, Cite Score : 3.63]

10. A. Mary Judith, S. BaghavathiPriya ," Multiset task related component analysis (M-TRCA) for SSVEP frequency recognition in BCI",Journal of Ambient Intelligence and Humanized Computing (IF 4.594), April 2020.

11. P. Sheela Rani, S. BaghavathiPriya, " A Survey of Challenges of Blockchain in Education", Journal of Critical Reviews, Vol 7, Issue 08, pp. 3060-3066, July 2020.

12. A.Vinothini, S.BaghavathiPriya, "Design of Chronic Kidney Disease Prediction Model on Imbalanced Data Using Machine Learning Techniques", Indian Journal of Computer Science and Engineering(IJCSE), Vol.11,No.6, Nov-Dec 2020(Scopus Indexed).

National Conferences

1. A.Muthulakshmi, Dr.S.BaghavathiPriya, S.Usha, "Analysis of weather forecasting to predict rainfall using machine learning techniques", National Conference on Recent Trends in SMAC on 7th April 2016.

2. G.Achinthya, V.Gautham, Dr.S.BaghavathiPriya,"Digital Data Protection using Two Level Stegnography", in the National Conference on Data Science and Intelligent Information Technology at Rajalakshmi Institute of Technology, on 11.3.2017. **Received Best Paper Award.**