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List of Publications

1. **Weibull Cumulative Distribution based real-time response and performance capacity modeling of Cyber-Physical Systems through software defined networking**, Gifty R., Bharathi R. Nov 2019 Computer Communications 150(COMPUT COMMUN) Publisher: Elsevier DOI: 10.1016/j.comcom.2019.11.018
2. **Faulty-data detection and data quality measure in cyber-physical systems through Weibull distribution** Gifty R. , Bharathi R. Nov 2019 Computer Communications 150(COMPUT COMMUN) Publisher: Elsevier DOI: 10.1016/j.comcom.2019.11.036
3. **Privacy and security of big data in cyber physical systems using Weibull distribution-based intrusion detection**,R. Gifty, R.Bharathi, P.KrishnaKumar, January 2019 ,Volume 31, Neural Computing and Applications, DO - 10.1007/s00521-018-3635-6
4. **Data Management and Security of Big Data in Internet of Things (IOT) Enabled Cyber Physical Systems**, R. Gifty, R.Bharathi, P.KrishnaKumar, Nov 2018 **Volume 15, Journal of Computational and Theoretical Nanoscience ,DO - 10.1166/jctn.2018.7602**
5. **Bharathi, R.** and Sukanesh, R. “A PCA based frame work for detection of Application layer DDos attacks” in WSEAS Transactions on Information science and Applications, Issue 12, Vol.9, pp.389-398,Dec 2012, E-ISSN 2224-3402.
6. **Bharathi, R.** and Sukanesh, R. “Flexible Approach to Perceive DDoS Attack from Flash Crowds in Dynamic Miscellaneous Traffic” in European Journal of Scientific Research ISSN:1450-216X Vol.72 No.3 (2012), pp. 338-347 © Euro Journals Publishing, Inc. 2012.
7. **Bharathi, R.** and Sukanesh, R. “Implementation of a Secured system with Roaming Server and Roaming Ports” in International Journal on Computer Science and Engineering (IJCSE) ISSN: 0975-3397, Vol. 3 No. 5, pp. 1781-1786, , May 2011.
8. **Bharathi, R.** and Sukanesh, R. “An Invasive Anomaly Detection scheme based on Sectional axioms” in International Journal of Computer Systems Science and Engineering ISSN: 0267 6192. (Under Review).
9. Rajeshwari, S. and **Bharathi, R.** “Design and Simulation of Contention free CLOS Network using VHDL” in CiiT International Journal of Programmable Device Circuits and Systems , Vol.5, No.3, March 2013.

10. Balasubramaniam, S. and **Bharathi, R.** “Performance Analysis of Parallel FIR Digital Filter using VHDL” in International Journal of Computer Applications(0975-8887), Vol.39, No.9, Feb 2012.
11. Krishna Kumar, P, Vijayalakshmi, K & Bharathi, R 2015, ‘Performance Analysis of various classifiers for the Detection of Distributed Denial of Service Attacks’, in International Journal of Applied Engineering Research, ISSN 0973-4562, vol. 10, no. 76, pp. 313-321.
12. Krishna Kumar, P, Vijayalakshmi, K & Bharathi, R 2015, ‘Semantic Intrusion Detection for the Application Layer– Service Level Attack Detection’, in Journal of Convergence Information Technology (JCIT), vol. 10, no. 3, pp. 1-8.
13. Krishna Kumar, P, Vijayalakshmi, K & Bharathi, R 2015, ‘Performance Analysis Of Various Classifiers For The Detection Of Distributed Denial Of Service (DDoS) Attacks’ in International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.76.pp.313-321.
14. Krishna Kumar, **P**, Vijayalakshmi, K & Bharathi, R 2014, ‘Sustaining Web Services By Differentiating DDoS Attacks From Flash Crowds’ in Australian Journal of Basic and Applied Sciences, vol.8(16) , ISSN:1991-8178 pp. 405-412.

➤ Conferences

International Conferences:

- a. **Bharathi, R.** and Sukanesh, R. “Hop Count Based Packet Processing Approach to Counter DDoS Attacks”, itc, pp.271-273, 2010 IEEE International Conference on Recent Trends in Information, Telecommunication and Computing, 2010. <http://doi.ieeecomputersociety.org/10.1109/ITC.2010.48>
- b. Prem Kumar, N. and **Bharathi, R.** “Intrusion Elimination System using Conditional Random Field Model”, in fourth International Conference on Advances in Computer and Communication IIST, pp.2679-2685, 2013.
- c. Thayanandeswari, C. and **Bharathi, R.** “Performance Analysis of Video Streaming over MANET ” in Proc. Of International Conference on Emerging Trends in electrical Engineering, pp. 404-408, March 2013.