Select List of Research Papers and Articles Published using NetSim

Sl No	Paper / Article Name	Journal / Publication	Date	Authors
1	Securing the Femtocells: Anonymity and Location Privacy	Indian Journal of Science and Technology, Vol 7(S4), 46–51	Apr-14	Marc del Valle, B. Manikandan and V. S. Shankar Sriram,
2	Comparative study of DSR, AODV Routing Protocol for WPAN Using NetSim Simulator	International Journal of Advanced Research in Computer Science. Volume 5, No. 4,	Apr-14	Padmalaya Nayak, Saraswati Bhakare, Nazia Tabassum
3	Design and Implementation of LRC and CRC algorithms in Netsim	International Journal of Engineering Research and Applications. Vol. 2, Issue 3,	Jun-12	Rakesh S
4	An Enerby Efficient and reliable clustering algorithm for wireless sensor actor network	International Journal of Computer Engineering and Applications, Volume VI, Issue III,	Jun-14	Vijay M. Galshetwar, Prof. Amutha Jeyakumar, Madhuri R. Tayade
5	Implementation of longitudinal redundancy check and cyclic redundancy check algorithms using NetSim	International Journal of Advances in Computer Networks and its Security	Jul-12	Dr. M. Sidappa, Rakesh S, Soumya M N
6	ZigBee- based Wireless Electronic Scale and its Network Performance Analysis for the Application of Smart Billing System in Super Markets	Indian Journal of Science and Technology, Vol 7(3), 352–359,	Mar-14	R. Sivakumar, A. Maheswari and P. Pushpa
7	Performance EvaluationBased on Energy Detection and Operational Interval of Spectrum Sensing In Cognitive Radio	Journal of Computer Science and Information Technology, Vol. 2, No. 1, pp. 65-74	Mar-14	Shalini, V.S Jadhav
8	A Review: Wireless Sensor Networks and Its Application, Platforms, Standards and Tools	International Journal of Computer Trends and Technology (IJCTT) – volume 4 Issue 8 August 2013	Aug-13	K.Sarammal, R.A.Roseline
9	Improving MAC Layer Performance in WLAN	B Tech Thesis, NIT Rourkela	Mar-12	Nitish Kumar Panigrahy, Manat Kanher
10	Estimation of Carrier Sense Range and its effect on Performance of IEEE 802.15.4 Sensor Networks	B Tech Thesis, IIT Madras	May-13	Tarun krishna
11	Development of MAC and PHY layers for 802.11 ac based WLAN Protocols in NetSim	B Tech Thesis, BITS Hyderabad	Jul-14	Kishore Kovali
12	Verification of MAC Scheduling algorithms in NetSim	TETCOS White Paper	Jul-14	Aditya Tiwari (IIT Kgp) Shashikant Suman, Pranav Viswanathan
13	Comparison of reactive routing protocols with Random way point and random walk mobility model for MANET using NetSim Simulator	International Conference on Computer Communication and Informatics (ICCCI -2015), Jan. 08 – 10, 2015, Coimbatore, INDIA	Jan-15	Padmalaya Nayak
14	Performance Evaluation of Multi-hop Wireless Sensor Networks	TETCOS White Paper	Jul-13	Vikas Neelam (IIT Madras) Shashikant Suman, Pranav Viswanathan
15	Comparison of Routing Protocols in WSN using NetSim Simulator: LEACH Vs LEACH-C	International Journal of Computer Applications (0975 – 8887)	Nov-14	Padmalaya Nayak, Pallavi Shree
16	Video Traffic Architecture in NetSim	TETCOS White Paper	Jul-12	Swathi pathak (IIT Kanpur), Shashikant Suman, Pranav Viswanathan
17	Wireless Sensor Network Simulation Using NetSim	Electronics For You;Apr2013, Vol. 1 Issue 12, p106	Apr-13	Tarun Krishna, Shashikant Suman, Pranav Viswanathan
18	Performance Evaluation of IEEE 802.15.4 based Wireless Sensor Networks	TETCOS White Paper	Jul-12	Tarun Krishna (IIT Madras), Shashikant Suman, Pranav Viswanathan
19	Performance Evaluation of IEEE 802.22 WRAN Based on Cognitive Radio through NETSIM	International Journal of Emerging Technology and Advanced Engineering, Volume 4, Issue 11, November 2014	Nov-14	Shalini, V S Jadhav, Raju Wadekar
20	Comparison of TCP Congestion Control Algorithms using NetSim™	TETCOS White Paper	Dec-14	Sai Rohan (BITS Pilani), Shashikant Suman, Pranav Viswanathan
21	Reliability Evaluation of Mobile Ad-hoc Networks in Case of Node Failure	IJCSNT Vol.3, No.1, 2014	Dec-14	Anil Choudhary, O.P Roy, T. Tuithung

22	Analysis of DSR protocol for MANET under black-hole and sink-hole attack using NetSim Simulator	IJECCT, Volume 5 Issue ICICC (May 2015)	Feb-15	Padmalaya Nayak, B. Labanya, V Bhavani,
23	Impact of Black-hole and Sink-hole Attack on LEACH-C protocol in WSN	ICACNI, KIT Bhubaneswar	Feb-15	Padmalaya Nayak, Bhabani V, B. Labanya
24	Network Simulation Tools Survey	International Journal of Advanced Research in Computer and Communication Engineering Vol. 1, Issue 4, June 2012	Jun-12	Mrs. Saba Siraj , Mr. Ajay Kumar Gupta , Mrs Rinku-Badgujar
25	Network Simulators for next generation networs: An overview	International Journal of Mobile Network Communications & Telematics (IJMNCT) Vol. 4, No.4,August 2014	Aug-14	Monika , Akhil Kaushik and Mani Shekhar
26	Intrusion Detection Algorithm for Mitigating Sinkhole Attack on LEACH Protocol in Wireless Sensor Networks	Hindawi. Journal of sensors, Articles in Press	(Mar 15)	Ranjeeth Kumar Sundararajan, Umamakeswari Arumugam
27	Collusion Based Realization of Trust and Reputation Models in Extreme Fraudulent Environment over Static and Dynamic Wireless Sensor Networks	International Journal of Distributed Sensor Networks Volume 2014 (2014), Article ID 672968, 9 pages	May-14	Vinod Kumar Verma, Surinder Singh, and N. P. Pathak,
28	A Comprehensive Overview on Different Network Simulators	International Journal of Engineering and Technology (IJET)	Mar-13	Christhu raj M.R, Namrata marium Chacko, John major, Shibin. D
29	An Optimization Technique for Improved VoIP Performance over Wireless LAN	Journal of Networks, Vol.7 No. 3	Mar-12	Tamal Chakraborty, Atri Mukhopadhyay, Suman Bhunia, Iti Saha Misra, Salil K. Sanyal
30	A Survey on Protocols, Platforms and Simulation Tools for Wireless Sensor Networks	International Journal of Energy, Information and Communications. Vol.5, Issue 6 (2014)	May-14	Mohammed Abo-Zahhad*, Osama Amin, Mohammed Farrag and Abdelhay Ali
31	A Review of Simulation of Telecommunication Networks: Simulators, Classification, Comparison, Methodologies, and Recommendations	Cyber Journals: Multidisciplinary Journals in Science and Technology, Journal of Selected Areas in Telecommunications (JSAT), March Edition, 2011	Mar-11	Nurul I. Sarkar, Senior Member, IEEE and Syafnidar A. Halim
32	A Study on Large Scale Network Simulators	(IJCSIT) International Journal of Computer Science and Information Technologies, Vol. 5 (6) , 2014	May-14	Gayatry Borboruah, Gypsy Nandi
33	A Comprehensive Review of Simulation Tools for Wireless Sensor Networks (WSNs)	Journal of Wireless Networking and Communications 2015, 5(1): 19-47	May-15	Anand Nayyar, Rajeshwar Singh