

References

- [1] "Introduction to Using OPNET Modeler", OPNETWORK 2002, Simulation and Modeling, SYSC 4005/5001.
- [2] Cai W.X., Li G. S., Chen X. H., Hong C. Q., Zhu S. Z., Wu Q. H., Chen R.. Education Based New Computer Network Simulator Design and Implementation .The 11th International Conference on Computer Science & Education (ICCSE 2016) August 23-25, 2016. Nagoya University, Japan.
- [3] Candelas F.A. and Gil P., "Practical experiments with KivaNS: virtual laboratory for simulating IP routing in Computer Networks," Research Reflections and Innovations in IICT in Education, vol 3, pp. 1415-1418, April 2009.
- [4] Ciraci, Selim, and Bora Akyol, An evaluation of the network simulators in large-scale distributed simulations, Proceedings of the first international workshop on High performance computing, networking and analytics for the power grid. ACM, 2011.
- [5] Liu Q., "Applying simulators in computer networks education to encourage personalised learning", Global Journal of Engineering Education Volume 21, Number 2, 2019.
- [6] Marquardson J., Gomillion D. L., "Simulation for Network Education: Transferring Networking Skills Between Simulated to Physical Environments", Information Systems Education Journal (ISEDJ), February 2019.
- [7] Nenad J., Zoran J.; Oliver P.; Ivan S.; Aleksandar Z., "Computer network simulation and visualization tool for educational purpose", 2013 11th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services (TELSIKS).
- [8] NetSim 8.0 User Manual - Boson Software, 1998-2003, <http://www.boson.com/files/support/>
- [9] NS-3 development team. Ns-3 network simulator. <http://www.nsnam.org/>.
- [10] Riley G. F., "Using Network Simulation in Classroom Education", Proceedings of the 2012 Winter Simulation Conference.
- [11] SOBEIH, Ahmed, et al. J-sim: A simulation environment for wireless sensor networks. In: Proceedings of the 38th annual Symposium on Simulation. IEEE Computer Society, 2005. p. 175-187.
- [12] Wannous M., Student Member, IEEE, and H. Nakano . NVLab, a Networking Virtual Web-Based Laboratory that Implements Virtualization and Virtual Network Computing Technologies. IEEE TRANSACTIONS ON LEARNING TECHNOLOGIES, VOL. 3, NO. 2, APRIL-JUNE 2010.

Authors Profile



Hnin Cherry, received the M.C.Sc. degree from the University of Computer Studies, Patheingyi, Myanmar in 2010. She is currently working as a Lecturer in the University of Computer Studies, Patheingyi, Myanmar. Her other research interests are Computer Networking, Data Mining, Machine Learning and Deep Learning. She can be contacted at email: hincherry@ucsy.edu.mm.



Khaing Khaing Wai, received the B.Sc. (Hons;), M.Sc. and M.Research. degrees in physics from Yangon University, Myanmar, in 1996, 1999 and 2000, respectively, and the Ph.D. degree in computer hardware technology from University of Computer Studies, Yangon, in 2005. She is currently Head of the Department of Information Technology Support and Maintenance at the University of Computer Studies, Yangon, Myanmar. She is also a Professor of cisco network lab in University of Computer Studies, Yangon. She can be contacted at email: khaingkhaingwai@ucsy.edu.mm.