

Name: Dr. Dushyanta Dutta
Designation: Assistant Professor
Branch: Computer Science and Engineering
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Educational Qualification(s):

Qualification(s)	University
M.Sc. Computer Science	Gauhati University
Ph.D. Computer Science & Engineering	Tezpur University

Experience in years:

Academic: 7 Years

Details:

Sl. No.	Organization	Position Held	Duration	
			From	To
1	iNurture Education Solutions Pvt. Ltd., Bangalore	Senior Faculty (IT)	28/06/2017	31/12/2018
2	Kaziranga University, Jorhat, Assam	Assistant Professor	01/02/2016	28/06/2017
3	Dept. of Computer Science & Engineering, Tezpur University, India	Teaching Assistant	July 2009	July 2012
4	DOEACC Training Program, Dept. of Computer Science & Engineering, Tezpur University, India	Guest Faculty	July 2010	Dec., 2014

Other Information:

a) Publication details.

- Dutta, Dushyanta. "IEEE 802.15. 4 as the MAC Protocol for Internet of Things (IoT) Applications for Achieving QoS and Energy Efficiency." Advances in Communication, Cloud, and Big Data. Springer, Singapore, 2019. 127-132.

- Dutta, Dushyanta, Arindam Karmakar, and Dilip Kr Saikia. "Determining duty cycle and beacon interval with energy efficiency and qos for low traffic ieee 802.15. 4/zigbee wireless sensor networks." Advanced Computing, Networking and Informatics-Volume 2. Springer, Cham, 2014. 75-84.
- Dutta, Dushyanta, Dilip Kr Saikia, and Arindam Karmakar. "Analysis of IEEE 802.15. 4 MAC under low duty cycle." arXiv preprint arXiv:1301.6532 (2013).
- Dutta, Dushyanta, Arindam Karmakar, and Dilip Kr Saikia. "An Analytical Model for IEEE 802. 15. 4/ZigBee Wireless Sensor Networks with Duty Cycle Mechanism for Performance Prediction and Configuration of MAC Parameters to Achieve QoS and Energy Efficiency." International Journal of Computer Applications 102.5 (2014): 1-9.

b) Details of Seminar/Workshop/Conference.

- International Conference on Advanced Computing & Communication, IITG, Guwahati, 2007, December 18-27.
- National Workshop on Design & Analysis of Algorithms, Tezpur University, Tezpur, 2010, Jan 22-23.
- National Workshop on Network Security, Tezpur University, Tezpur, 2010, June 9-10.
- ISI-TU Assam Winter School on Soft Computing, Tezpur University, Tezpur, 2010, Dec 20 23.
- North-East ISI-TU Spring School on Selected Topics in Algorithms, Tezpur University, Tezpur, 2011, March 21-23.
- National Workshop on Malware Threats and Defence, Tezpur University, Tezpur, 2011, Jun 20-21.
- Advances in Photonic, Eelectronic & Communication Systems (APECS- 12), Tezpur University, Tezpur, 2012, Jan 23-27
- Workshop on Introduction to Research Methodologies, M.H.R.D. Tezpur University, 2012, Jun 25-Jul 4.
- National Workshop on Network Security, Tezpur University, Tezpur, 2013, March 15-16
- International Conference on Advanced Computing, Networking and Informatics (ICACNI-2014), Kolkota, 2014, June 24-26.
- Indian IETF Capacity Building Program Edition 4, Kaziranga University, Jorhat, 2016, Feb 28.