

MR. FAHIMUL HAQUE

Lecturer & On Leave

Master of Science (MSc), Electrical Engineering, The University of Calgary, Canada, 2016-2018

Bachelor of Science (BSc), Electrical and Electronic Engineering, BRAC University, Dhaka, Bangladesh
2011-2014

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Research Areas

- Artificial Intelligence & Robotics
- Signals and Image Processing

Research Interests

Machine/Deep Learning, Sensor Fusion, SLAM, Robotics and Intelligent Systems

Teaching

- EEE 111/ ETE 111 Analog Electronics-I
- EEE 111L/ ETE 111L Analog Electronics-I Lab
- EEE 211 Digital Logic Design
- EEE 211L Digital Logic Design Lab
- CSE 231 Digital Logic design
- CSE 231L Digital Logic design Lab
- CSE499A/EEE499A/ETE499A – Senior Design I
- CSE499B/EEE499B/ETE499B – Senior Design II

Selected Publications

Journals

- F. Haque, V. Dehghanian, A. O. Fapojuwo and J. Nielsen, "A Sensor Fusion-Based Framework for Floor Localization," IEEE Sensors Journal, 2019
- F. Haque, A. Azad, "Luminous measurement of LED lights in cost effective way using cylindrical method," Measurement, ELSEVIER, 2017

Conference Papers

- F. Haque, V. Dehghanian and A. O. Fapojuwo, "Sensor fusion for floor detection," 2017 8th IEEE Annual Information Technology, Electronics and Mobile Communication

Conference (IEMCON), 2017

- F. Haque, S. J. Chowdhury, S. S. Ahsan, Z. Rahman and M. Z. Ali, "Fiber to the Antenna: Solution in integrated optical and wireless networks," The 8th International Conference on Software, Knowledge, Information Management and Applications (SKIMA 2014), 2014

Professional Activity

Branch Counselor, IEEE North South University Student Branch