



# Razzaqul Ahshan

Assistant Professor , Department of Electrical and Computer Engineering  
College of Engineering, Sultan Qaboos University  
P.O. Box 33, Al-Khod 123, Muscat, Sultanate of Oman  
Telephone: (968) 24141328  
Fax: (968) 24413454, E-mail:razzaqul@squ.edu.om

## Education

Ph.D. Electrical Engineering, Memorial University of Newfoundland, St. John's, Canada, 2013  
M. Eng. Electrical Engineering, Memorial University of Newfoundland, St. John's, Canada, 2008  
B. Sc. Electrical & Electronic Engineering, Khulna University of Engineering & Technology, Khulna, Bangladesh, 2002

## Academic Experience

Sultan Qaboos University, Oman, Assistant Professor, 2016-Present, Full time  
College of the North Atlantic-Qatar, Qatar, Faculty-Instructor, 2013-2016, Full time  
College of the North Atlantic, St. John's, Canada, Faculty-Instructor, 2011-2013, Full time  
Memorial University of Newfoundland, St. John's, Canada, Teaching Assistant, 2006-2011, Part time  
Khulna University of Engineering & Technology, Khulna, Bangladesh, Lecturer, 2002-2005, Full time

## Non-Academic Experience

Memorial University of Newfoundland, St. John's, Canada, Research Assistant, 2006-2011, Full time

## Certifications or Professional Registrations

Towards PEng.

## Current Membership in Professional Organizations

Member, Institute of Electrical and Electronics Engineering, IEEE (USA), Since 2006  
Member Institution of Engineering Bangladesh, IEB (Bangladesh), Since 2003

## Honors and Awards

Received Trophy from the Oman Society of Engineers (OSE), 2018  
Fellow of the School of Graduate Studies, Memorial University of Newfoundland (MUN), Canada, 2013  
SGS Fellowship, MUN, Canada, 2006-2011  
Supervisor Fellowship, MUN, Canada, 2006-2011  
Certificate of TOGA level II, MUN, Canada, 2007-2008  
Fellowship for TOGA level II, MUN, Canada, 2007, 2008, 2010  
Gold Medal award by the Prime Minister of Bangladesh, 2002

## Service Activities

Department level: Member, Laboratories and Teaching Facilities Committee



Member, Course Focus Group

College level: Member, College Textbook committee

Peer Reviewer : IEEE Transactions on Industry Applications, IEEE Industry Applications Magazine, Journal of Renewable and Sustainable Energy, International Journal of Rotating Machinery, The Journal of Engineering Research (TJER), IEEE Industrial Applications Society Annual Meeting.

Session Chair: IEEE 5th EPECS, 23-25 April, 2018, , Japan.

### **Selected Publications**

[J1] R. Ahshan, M. T. Iqbal, George K. I. Mann, John E. Quaicoe, “Microgrid Reliability Evaluation Considering the Intermittency Effect of Renewable Energy Sources”, International Journal of Smart Grid and Clean Energy, Vol. 6, No. 4, pp. 252-268, 2017.

[J2] S. A. Saleh, R. Ahshan, M. A. Rahman, Performance Evaluation of an Embedded d-q WPT Based Digital Protection for IPMSM Derives, IEEE Trans. on Industry Applications, Vol. 50, No. 3, p. 2277-2291, 2014.

[J3] S. A. Saleh, R. Ahshan, M. S. Abu-Khaizaran, B. Alsayid, B, M. A. Rahman, Implementing and Testing d-q WPT-based Digital Protection for Micro-grid systems, IEEE Trans. on Industry Applications, Vol. 50, No. 3, p. 2173-2185, 2014.

[C1] R. Ahshan, KMA Sohel, M. Khadem, A. Al-Mamun, “Effect of mobile phone usage in classroom settings for engineering students: a case study”, Proceedings of the 28th Arab Engineering Conference 2018, 11-13 Dec. 2018, Muscat.

[C2] R. Ahshan, A. H. Al-Badi, N. Hosseinzadeh, M. Shafiq, “Small Wind Turbine Systems for Application in Oman”, IEEE 5th International Conference on Electric Power and Energy Conversion Systems (EPECS), 23-25 April, 2018, Kitakyushu, Japan.

### **Professional Development Activities**

“Preparing Graduates for Employment”, Mar. 14, 2018.

“Role of the University in Creating Jobs”, Mar. 14, 2018.

IEEE Symposium of Engineering Education (ISEE'18): Graduates and Future Employment, Mar. 13, 2018.

Getting Familiar with ABET accreditation Process in the ECE Dept., SQU”, Feb. 19, 2018.

“Education and Technology”, Nov. 14, 2017.

“Advising for Student Success”, Nov. 10, 2017.

“Critical Thinking Skills for the 21st Century”, May 16, 2017.

“Student Outcome Assessment for ABET”, Oct. 12, 2017.

“Students Advising Seminar”, Dec. 21, 2016.

“Effective Teaching and Learning in Engineering”, Dec. 6, 2016