

Brief Resume

Abul K. M. Azad, PhD
Acting Associate Dean & Professor
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Education: Ph.D. (1994) in Control and Systems Engineering, University of Sheffield, UK.
M.Sc. (1988) in Applied Physics and Electronics, University of Dhaka, Bangladesh.
B.Sc. (Hons) (1986) in Applied Physics and Electronics, University of Dhaka, Bangladesh.
Engineering diploma (1978) in Electronics, Dhaka Polytechnic Institute, Bangladesh.

Research Interests: Internet Of Things (IoT) for Cyberphysical systems, Embedded systems, Mobile robotics, Computer and Real-time control, and Cyberlearning.

Work Profile: College of Engineering & Engineering Technology, Northern Illinois University, USA (2001-present); Department of Electrical and Electronic Engineering, University of Portsmouth, UK (1996-2001); Department of Automatic Control and Systems Engineering, University of Sheffield, UK (1995-1996); Atomic Energy Commission, Bangladesh (1978-1987).

Professional Activities and Leadership: Editorial board member (currently Editor-In-Chief), International Journal of Online Engineering (2009-current); President of Global Online Laboratory Consortium (2013-current); ABET program evaluator (2005-2012); Associate editor, Journal of Advances in Acoustics and Vibration (2006-current); Editorial review board member, Journal of Engineering (2006-current); European Commission Expert, Fifth and Sixth research framework (2005-current); Member of the Board of Trustees of CLAWAR Association (2006-2015); Board member of CLAWAR Ltd (period 2005-2010); Program committee members for a number of international conferences; National Science Foundation (NSF) proposal reviewer (2005-current); Australian Research Council (2012-current); Department of Defense (DoD) proposal reviewer (2008-current); Executive Board (Chair/Vice Chair/Program Chair) of ASEE Computing and Information Technology Division (2005-2013); and Member of ISO advisory teams for PT-2: Project team of robots in personal care and AG-1: Advisory Group on Service Robots (2007-2013).

Recognition and Honors: Fulbright Scholarship (Fall 2008); Chancellors award for B.Sc.(Hons) (1986); Commonwealth Scholarship, sponsoring PhD program in UK (1989-1993); Cited in "Who's Who in the World" (1998-2008).

Publications: There are around 110 journal and conference papers and 3 edited books.

Research Funding:

Attracted around \$2.6M for a number of research and development projects in the areas of cyberphysical system (remote laboratory), walking robot for volcanic exploration, bio-robot, energy management, intelligent modeling and control, mechatronics systems, and laboratory development. The major funding sources are: NSF, EPSRC (UK), European Union, Companies (Lin Engineering, Yaskawa America, Simplicity Inc., and Omron Electronics), and Universities.

Other Interests:

Assist West Suburban Technology Enterprise Center (Chicago area) towards technology evaluation for entrepreneurs, as well as advice entrepreneurs for identifying funding agencies for prototyping.