

Mohammad Ilyas, Ph.D.

Professor

College of Engineering & Computer Science
Florida Atlantic University, Boca Raton, Florida 33431
Email: ilyas@fau.edu
Ofc.: 561.297.3454, Cell: 561.706.3029

Profile

- More than three decades of experience in academia with more than two decades as an administrator with progressively increasing level of responsibility in research, graduate studies, and industry relations
- Established record of research and teaching with experience and knowledge of interdisciplinary research areas, compliance aspects, and intellectual property matters
- Established record of service in academic settings and professional organizations
- Two earned doctoral degrees; first in Electrical Engineering (1983) and second in Educational Leadership – Higher Education (2015)
- Open, fair, and inclusive administrative and management style based on mutual trust and team/consensus building.

Education/Leadership Training

- **Ph.D.** Educational Leadership – Higher Education, Florida Atlantic University, Boca Raton, FL, USA, 2015.
- **M.D.P.** (Management Development Program), Harvard University, Cambridge, MA, USA, 2004.
- **M.L.E.** (Institute for Management and Leadership in Education), Harvard University, Cambridge, MA, USA, 2013.
- **Ph.D.**, Electrical Engineering, Queen's University, Kingston, Ontario, Canada, 1983.
- **M.S.**, Electrical and Electronic Engineering, Shiraz University, Shiraz, Iran, 1980.
- **B.S.**, Electrical Engineering, University of Engineering and Tech., Lahore, Pakistan, 1976.

Administrative/Academic Experience

- November 2013 – July 2017 – **Dean**, College of Engineering and Computer Science, Florida Atlantic University, Boca Raton, Florida, USA.
- June 2011 – October 2013 – **Interim Dean**, College of Engineering and Computer Science, Florida Atlantic University, Boca Raton, Florida, USA.
- August 2002 – May 2011 – **Associate Dean, Research and Industry Relations**, College of Engineering and Computer Science, Florida Atlantic University, Boca Raton, Florida, USA.
- August 2009 – May 2011 – **Interim Chair, Department of Ocean and Mechanical Engineering**, Florida Atlantic University, Boca Raton, Florida, USA.
- July 2004 – October 2005 – **Interim Associate Vice President for Research, Division of Research and Graduate Studies**, Florida Atlantic University, Boca Raton, Florida, USA.
- March 2002 – August 2002 – **Interim Chair and Professor**, Department of Computer Science and Engineering, Florida Atlantic University, Boca Raton, Florida, USA.
- August 1994 – June 2000 – **Chairman and Professor**, Department of Computer Science and Engineering, Florida Atlantic University, Boca Raton, Florida, USA.
- August 1991 – Present - **Professor**, Department of Computer Science and Engineering, Florida Atlantic University, Boca Raton, Florida, USA.
- August 1987 – July 1991 **Associate Professor** (tenured in 1988), Department of Computer Engineering, Florida Atlantic University, Boca Raton, Florida, USA.
- August 1983 – July 1987 **Assistant Professor**, Department of Electrical and Computer Engineering, Florida Atlantic University, Boca Raton, Florida, USA.

Research Interests

- Wireless Communication Networks
- Sensor Networks and Smart Systems
- Healthcare Technologies
- Traffic Characterization and Traffic Management in High-Speed Communication Networks
- Optical Networks

- Performance Modeling and Analysis
- Simulation
- Globalization and Higher Education.

Sponsored Research

Sponsored research for over \$8.5M on projects related to communication networks and education. Funding agencies include NSF, IBM, Siemens, Honeywell, and State of Florida.

Dissertation/Thesis Supervision

Supervised 12 Ph.D. dissertations and 38 MS theses to completion.

Service

Currently serving as a member of the editorial boards of three international journals, serving as a member of numerous international conference committees, and serving on several University and College committees.

Honors/Awards/Professional Recognition (Selected)

- Outstanding Alumnus Award by the Department of Educational Leadership and Research Methodology, Florida Atlantic University, Boca Raton, FL, January 2016.
- Distinguished Engineering Educator Award by The Engineers' Council, Sherman Oaks, CA, February, 2014.
- FEEDS Exceptional Professor, 1997
- Awarded a plaque in appreciation of services to IEEE GLOBECOM '88.
- Member of Phi Kappa Phi, Tau Beta Pi, Upsilon Pi Epsilon

Selected Publications (out of a total of over 200)

- **Ilyas, M.**, Alwakeel, S., Alwakeel, M. and Aggoune, H., "Sensor Networks for Sustainable Development" CRC Press, 2014.
- **Ilyas, M.**, Alwakeel, S., Alwakeel, M. and Aggoune, H., "Sensor Networks for Sustainable Development" CRC Press, 2014.
- Shah, S. I., **Ilyas, M.**, and Mouftah, H. T., "Pervasive Communications Handbook", CRC Press, 2012.
- Ahson S. and **Ilyas, M.**, "Near Field Communications Handbook", CRC Press, 2012.
- Badi, A., M., Mahgoub, I., and **Ilyas, M.**, "The Next Challenge for Wireless Sensor Networks: Addressing Practical Issues", Eighth International Symposium on High Capacity Networks and Enabling Technologies, Riyadh, Saudi Arabia, 2011.
- Ahson S. and **Ilyas, M.**, "Cloud Computing and Software Services: Theory and Techniques", CRC Press, 2011.
- Anwar, S., Raja, M. Y. A., Qazi, S., and **Ilyas, M.**, "Nanotechnology for Telecommunications", CRC Press, 2010.
- Ahson S. and **Ilyas, M.** (Editors), "WiMAX – Applications, WiMAX – Standards and Security, WiMAX – Technologies, Performance Analysis, and QoS", CRC Press, 2008.
- **Ilyas, M.**, and Mahgoub, I. (Editors), "Handbook of Sensor Networks" CRC Press, 2005.

Membership in Scientific and Professional Societies

- Member of Global Engineering Deans Council
- Program Evaluator for ABET
- Member of ASEE
- Member of ASEE Engineering Deans Council
- Senior Member of IEEE