

Dr. Ahmed I. Iskanderani

Associate Professor, Department of Electrical and Computer Engineering, King Abdulaziz University

Education

<i>Degree</i>	<i>Field of Study</i>	<i>Institution</i>	<i>Year</i>
Ph.D.	Computer, Information and Control Engineering	University of Michigan, Ann Arbor, USA	1984
MS	Electrical and Computer Eng.	University of California, SB, USA	1979
BS	Electrical Engineering	KFUPM, Dhahran, Saudi Arabia	1976

Academic Experience

<i>From To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title</i>	<i>Full or Part Time</i>
1985 1994	KAU		Assistant Professor	Full
1994 2004	KAU		Associate Professor	Full

Non-Academic Experience (Including Consultations)

- Acting Director General, Islamic Research and Training Institute (IRTI), Islamic Development Bank (IDB) Group, Jeddah, Saudi Arabia
- Director, Islamic Finance and Capacity Development Department and Director Online Learning Program, Islamic Research and Training Institute (IRTI), a member of the Islamic Development Bank (IDB) Group, Jeddah Saudi Arabia
- Director, Training and information Services Department and Director Online Learning Program, Islamic Research and Training Institute (IRTI), a member of the Islamic Development Bank (IDB) Group, Jeddah Saudi Arabia

In the Last 7 years:

- Part-time Consultant at the Ministry of Hajj and Awqaf
- Part-time Consultant at Hajj and Umrah Adella'a Establishment, Medina.
- Part-time Consultant at the Ministry of Health.

Funded Research Projects and Patents From The Last Five Years***Certifications and Professional Registrations******Current Membership in Professional Societies and Organizations***

<i>Society/Organization</i>	<i>Rank</i>	<i>Since</i>
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Honors and Awards

- Academic Performance Appreciation Award, College of Engineering, King Abdul-Aziz University, Jeddah, Saudi Arabia, 1992.
- First Saudi Symposium on Utilization and Conservation, Performance, Appreciation Award, King Abdul-Aziz University, Jeddah, Saudi Arabia, 1990.
- The 10TH National Computer Conference and Exhibition, Performance Appreciation Award, University Computer Center, King Abdul-Aziz University, Jeddah, Saudi Arabia, 1988.
- Academic Performance Appreciation Award, College of Engineering, King Abdul-Aziz University, Jeddah, Saudi Arabia, 1986.

Institutional and Professional Services

- Director, KAU Computer Center
- Vice Dean and Acting Dean Deanship, Library Affairs

Principal Publications/Presentations

- [1] Ahmed I.M. Iskanderani, Ibrahim M Mehedi, Makbul A.M. Ramli, and Md. Rafiqul Islam, "Analyzing the off-grid performance of hybridphoto-voltaic/diesel energy system for a peripheralvillage" Under Review.
- [2] Ibrahim M Mehedi, Mohd Heidir Mohd Shah, Ahmed I M Iskanderani, Uzair Ansari and Ubaid M. Al-Saggaf, "Position control of rotary flexible joint using adaptivegeneralized dynamic inversion" Under Review.
- [3] brahim M Mehedi, Mohd Heidir Mohd Shah, Ahmed I M Iskanderani, Uzair Ansari, Ubaid M. Al-Saggaf and Syed Saad Azhar Ali "Linear Positional and Speed Control of Servo Cart using Generalized Dynamic Inversion" Under Review.
- [4] Iskanderani, A.I "Principles of Automatic Control-Simplified" a Book under publishing, the draft is available as a PDF file.
- [5] Iskanderani, A.I. Transforming an Organization into a Knowledge Bank, 3rd Arab International Conference on Industrial Information and Networks, 29-31 October 2007.
- [6] Iskanderani, A.I. The Role of IDB in the Development of ICT for its Member Countries, 2nd Arab International Conference on Industrial Information and Networks, 23-25 May 2005.
- [7] Iskanderani, A.I. Guideline for a National IT Strategy, 3rd Symposium for Scientific Research and Technology Development in the Arab World, 11-14 April 2004.
- [8] Iskanderani, A.I., Nabulsi, K.A., and Banah, A.H., *Arabization of Modern Control Engineering, Fourth Edition*, By Dorf, R.C., KAAU Press, Passed Evaluation, Under Publishing.
- [9] Iskanderani, A.I., and Anwar, M.A., *Automated Bilingual Circulation System Using PC Local Area Networks*, Microcomputers for Information Management, Vol. 9, No. 3, (161-176), 1992.
- [10] Nabulsi, K.A., and Iskanderani, A.I., *Frequency and Transient Analysis of a Thin Conductive Slab in a Lossy Earth Due to a Uniform Magnetic Line Source*, Radio Science Journal, Vol. 26, No. 5, (1251-1259), (1991).
- [11] Bamani, A.H., and Iskanderani, A.I., Robust Approximate non-interactive Design for a Class of Non-Linear Stochastic Systems, Optimal Control Applications and Methods, Vol. 10, (275-283).
- [12] Iskanderani, A.I., Iskanderani, F.I., and zahid, A.H., An Approach to Automating Administrative Offices, Journal of Computer Applications in Technology, Vol. 4, No. 1, (41-46), (1991).
- [13] Iskanderani, A.I. and Mc Clamroch, N.H., Signal Estimation for Second-Order Vector Difference Equations, IEEE Trans. on Aut. Control, AC-30, (771-773), (1985).
- [14] Edited, the Book entitled "Guideline for a National IT Strategy", ISBN: 9960-32-142-8, October 2003.

Recent Professional Development Activities (*Workshops, Trainings etc.*)

- Established and launched a Massive Open Online(MOOC) Program on edx Platform and published at least 12 courses in Islamic Finance and Banking at IDB Group Since 2015