DR. AHMED A. ADAS
Associate Professor, Dept. of Electrical and Computer Eng., King Abdulaziz University

Education

Degree	Field of Study	Institution	Year
PhD	Electrical Engineering	University of Colorado, Boulder, USA	1982
MS	Information & Systems Engineering	University of Birmingham, Birmingham, UK	1976
BS	Physics	King Saud University, Riyadh, SA	1974

Academic Experience

From	To	Institution	Rank	Title (Chair, Coordinator, etc.)	Full or Part Time
1982	1985	King Saud Univ.	Assistant Professor	Chairman of Computer Engineering Dept.	Full Time
1985	1991	King Abdul-Aziz Univ.	Assistant Professor		Full Time
1991	Date	King Abdul-Aziz Univ.	Associate Professor		Full Time

Non Academic Experience *(including Consultations)*

From	To	Company/Entity	Title	Position Description (Brief)	Full or Part Time
1982	1985	Saudi Military Survey Organization, Riyadh, Saudi Arabia.	Consultant	Systems Designer	Part Time
1991	1995	Saudi Cable Company, Jeddah, Saudi Arabia	Systems Consultant	Computer Systems Executive	Part Time
2000	2003	Saudi Air Defense Institute, Jeddah, Saudi Arabia	Lecturer and Consultant	Lecturing and consulting on Systems	and Part Time

Funded Research Projects and Patents from the Past Five Years

1. Grant From King Abdulaziz University, Graduate Studies, Evaluation of Various Adhoc Routing Protocols Under Intrusion Detection Systems, 2011.
2. Grant From King Abdulaziz University, Graduate Studies, Application Recovery on Various Network Architecture Employing Solaris Operating System Metadata and Virtualization, 2011.
3. Grant From King Abdul-Aziz University, Graduate Studies, Wireless Security Vulnerabilities and Possible Solutions, 2011.

Certifications and Professional Registrations

Current Membership in Professional Societies and Organizations

Society/Organization	Rank	Member Since
1. IEEE Computer Society, USA	Member	1995

2. IEEE Communication Society, USA   Member   2000

Honors and Awards

1. First Class Honor In Physics From King Saud University, Riyadh, Saudi Arabia. (1974).
2. The ministry of Higher Education Award for The Best Student In KSU, Riyadh, Saudi Arabia (1975).
3. The King Abdul-Aziz University Reactor Award for The Director of Computer Centre for Four Years (1986-1990), (2000 G).

Institutional and Professional Services *(administration, committees, units, etc.)*

1. Academic Advisor for More Than 100 Students, Over 30 Years, Electrical & Comp. Eng. Dept., KAU, 1986-present.
2. Director of The KAU Computer Center (1986-1990)
3. Chairman of The 10th Saudi Computer Conference March 1988.
4. Design of The KAU Information Systems Network Covering Jeddah and Madinah Campuses. (1986-1990).
5. Responsible for a Team of 70 Technicians and Engineers.
6. Design of The Administrative Information Systems for KAU (1986-1990).
7. Integrating The Educational Information Systems with The KAU Student Population Database (1986-1990).

Principal Publications/Presentations from the Past Five Years

1. A. A. Adas and T. A. Shawly., "Simulation of IPSec Protocol in Ad-Hoc Networks," Journal of King Abdelaziz University: Engineering Sciences, vol. 21, no. 2, pp. 3-14, 2010.
2. Ahmed. A. A. Adas, "SCADA Wireless Wide Area Networks," Journal of King Abdel Aziz University: Engineering Sciences, vol. 22, no. 1, pp. 39-61, 2011.
3. A. A. Adas, "An Exact MQAM SER in Wireless Fading Channels" Submitted to Journal of King Abdel Aziz University: Engineering Sciences, 2013.
4. Ahmed. A. Adas and K. M. Alshomarni, "Evaluation of Various Ad-Hoc Routing Protocols," Submitted to the Journal of King Abdulaziz University: Engineering Sciences, 2013.

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