Ahmed Bin Abbas Ahmed Ali Adas

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

Education

Degree	Field of Study	Institution	Year
Ph.D.	Electrical Engineering	University of Colorado, U.S.A.	1982
M.Sc	E.E. Information & Systems Engineering	University of Birmingham, U.K.	1976
B.Sc.	Physics	King Saud University, KSA	1973

Academic Experience

From	To	Institution	Rank/Title	Full or Part Time
1982	1986	King Abdulaziz Univ.Computer Engineering Dept.	Chairman	Full Time

Non-Academic Experience *(Including Consultations)*

1. Saudi Survey Department – MODA- Riyadh – 1982-1986 – Saudi Arabia, Responsible for LANs and Servers Project with satellites .
2. Saudi Cable Company – Jeddah – 1992-1995. Responsible for Computer Systems & Finance Information systems
3. Governerate of Mecca – Mecca – 1986-1990. Responsible for computer network performance in Mecca Region.
4. Jeraisy Computer & Communication – Jeddah & Riyadh - 1999-2001, Responsible for computer systems projects.
5. Visits to NEC, Thomson CSF & IBM Research Centers in Japan & Europe (UK, France, Italy, Switzerland) .1986-1990
6. Sabbatical Leave at University of Hawaii – Honolulu (USA) and Florida Atlantic University – Boca Raton – Florida (USA) – 1990-1991. Conducting Research and lecturing in VSATs.(Very Small Aperture Terminals for satellites).
7. Presented a paper on Broadband satellite Network Architectures at the IEEE Middle EAST Workshop on Networking occurred at the American University of Beirut (AUB) – November 1999 by the Approval of the Saudi Minister of Higher Education.
8. Director of KAAU Computer Center 1986-1990, Managing 70 engineers.
9. Chairman of the 10th Saudi Computer Conference – March 1988.
10. Design and Implementation of King Abdul Aziz University information systems

Funded Research Projects and Patents From The Last Five Years

Certifications and Professional Registrations

Current Membership in Professional Societies and Organizations

	Society/Organization	Rank	Since
i.	IEEE Communication Society – USA	Member	
ii.	IEEE Computer Society – USA	Member	

Honors and Awards

Curriculum Vitae is outlined in the Global MARQUIS WHO'S WHO in Science & Engineering Published in the USA.

Institutional and Professional Services

Principal Publications/Presentations from the Past Five Years

1. A. A. Adas et.al" Simulation of IPsec Protocol in Ad-Hoc Networks" Published in King Abdulaziz University Engineering Sciences Journal, Vol. 21, No.2, pp.3-14, 2010 A.D., ISSN 1319-1047.
2. A. A. Adas" SCADA Wireless Wide Area Networks" Published in King Abdulaziz University Engineering Sciences Journal, Vol. 22, No.1, pp. 39-61, 2011 A.D., ISSN 1319-1047.
3. A. A. Adas et.al," Simulation of Cryptographic Algorithms in IPsec on Ad-Hoc Networks" Published in The International Journal of Advanced Computational Engineering and Networking, Vol. 5, Issue 7, pp. 96-103, July 2017., ISSN 2320-2106.
4. Ahmed. A. Adas et.al," Simulation of Wide Area WIMAX Networks in Urban Areas" Published in the International Journal of Advanced Computational Engineering and Networking, Vol. 5, Issue 11, pp. 93-97, November 2017., ISSN 2320-2106.
5. M. Algamdi & A. A. Adas" Novel Technique for Utilizing Analogue Video Signal for IRFPA Raw Data Transfer for Calibration Purposes" Published in the Journal of Advances in Mathematics and Computer Science, October 2017, 10.9734/JAMCS/2017/36902.
6. M. Algamdi & A. A. Adas" An Improved Technique for Blind Pixels Detection of Infrared Focal Plane Array (IRFPA) Detector" Published in the proceedings of the IEEE 2018 Conference on Computer Applications & Information Security, Riyadh, Saudi Arabia, April 2018.
7. M. Algamdi & A. A. Adas" Novel Technique of Contrast Enhancement for Uncooled Infrared Systems with Dual Fields of View Optics" IEEE 2018, 21st Computer Society National Computer Conference (NCC 2018), Riyadh, Saudi Arabia, April 2018.

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

1. Visits to NEC, Thomson CSF & IBM Research Centers in Japan & Europe (UK, France, Italy, Switzerland) .1986-1990
2. Sabbatical Leave at University of Hawaii – Honolulu (USA) and Florida Atlantic University – Boca Raton – Florida (USA) – 1990-1991. Conducting Research and lecturing in VSATs.(Very Small Aperture Terminals for satellites).
3. Presented a paper on Broadband satellite Network Architectures at the IEEE Middle EAST Workshop on Networking occurred at the American University of Beirut (AUB) – November 1999 by the Approval of the Saudi Minister of Higher Education.
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