

Dr. IBRAHIM A. AL-DARRAB*Associate Professor, Industrial Engineering Department, King Abdulaziz University***Education**

<i>Degree</i>	<i>Field of Study</i>	<i>Institution</i>	<i>Year</i>
PhD	Engineering Economic Systems	Stanford University, CA, USA	1987
MS-2	Statistics	Stanford University, CA, USA	1979
MS-1	Operations Research	Stanford University, CA, USA	1976
BS	Systems Engineering	College of Petroleum and Minerals (KFUPM), Dharan, KSA	1974

Academic Experience

<i>From</i>	<i>To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title (Chair, Coordinator, etc.)</i>	<i>Full or Part Time</i>
2000	Present	King Abdulaziz University	Assoc. Prof.		Full Time
2007	2011	King Abdulaziz University	Assoc. Prof.	Chairman, IE Dept.	Full Time
1987	2007	King Abdulaziz University	Assist. Prof.		Full Time

Non Academic Industrial Experience (including Consultations)

<i>From</i>	<i>To</i>	<i>Company/Entity</i>	<i>Title</i>	<i>Position Description (Brief)</i>	<i>Full or Part Time</i>
1996	1996	Mandurah Consultancy	Consultant		Part Time

Funded Research Projects and Patents from the Past Five Years

1. APPRAISAL OF WORK HAZARDS, SAFETY PERFORMANCE AND OCCUPATIONAL ENVIRONMENTAL AND HEALTH CONDITIONS IN THE INDUSTRIAL ESTATE OF JEDDAH, KAU PROJECT NO. (106/428)
2. INTEGRATION OF SAFETY AND QUALITY MANAGEMENT SYSTEMS IN SAUDI INDUSTRIES, KACST PROJECT: (ARP 28-154)

Certifications and Professional Registrations**Current Membership in Professional Societies and Organizations**

	<i>Society/organization</i>	<i>Rank</i>	<i>Member Since</i>
1.	Literati Club	Author, member	1998

Honours and Awards

1. Innovation Prize for People with Special Needs in 1420H
From the Establishment of King Abdulaziz and his Gifted Men, Riyadh
2. Award of appreciation from the Second Strategic Planning of the Faculty of Engineering – King Abdulaziz University, Jeddah
3. Prize of Distinction for People with Special Needs in 1427
From the Children's Society with Special Needs
4. Shield of Excellence from the Dean of the Faculty of Engineering – King Abdulaziz University, Jeddah

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

1.	Chairman of IE Department
2.	Head of the Stochastic Group in IE Department
3.	Member of the Operations Research Group in the IE Department
4.	Reviewer for the Journal of Manufacturing Technology Management
5.	Supervisor of Master Theses and Master Projects in the IE Department

Principal Publications/Presentations from the Past Five Years

1.	Madbuli H. Noweir, Mustafa M. Alidrisi, Ibrahim A. Al-Darrab and Mohamed A. Zytoon. (2013). "Occupational safety and health performance of the manufacturing sector in Jeddah Industrial Estate, Saudi Arabia: a 20-year follow-up study", <i>Safety Science</i> , vol. 53, pp. 11–24.
2.	Osman Taylan and Ibrahim A. Darrab . (2012). "Fuzzy control charts for process quality improvement and product assessment in tip shear carpet industry", <i>Journal of Manufacturing Technology Management</i> , Volume 23, Issue 3, pp. 402–420.
3.	Sayed A.H. Rizvi, Ibrahim A Al Darab , Syed Wasiul Hasan. (2011). "Musculoskeletal Disorders: The Global Scenario of The Emerging Trends with Special Reference to the Kingdom of Saudi Arabia", International Conference on Innovative Technologies, <i>IN-TECH 2011, Proceedings</i> , 1-2, 9, 2011, Bratislava, Slovakia, Czech Republic, pp. 500–502.
4.	M.R. Rotab Khan and Ibrahim A. Darrab . (2010). "Development of analytical relation between maintenance, quality and productivity", <i>Journal of Quality in Maintenance Engineering</i> , Vol. 16 Iss: 4, pp.341–353.
5.	Hassan, Said Ali and El-Darrab, Ibrahim A. (2009). "Economic Comparison of Conventional and Optimum Scheduling of the Electric Transmission/Distribution Substations in Jeddah City Using the Net Present Value", <i>WSEAS TRANSACTIONS ON BUSINESS AND ECONOMICS</i> , ISSN: 1109-9526, Issue 3, Volume 6, pp.124-134.
6.	Said Ali Hassan and Ibrahim Abdulaziz Al-Darrab . (2009). "A Zero-One Integer Programming Model for the Optimum Workforce Capacity Planning with Workload Constraints", <i>IASTED International Conference on Modelling and Simulation</i> , Banff, Alberta, Canada, Jul 06-08, pp. 207–213.
7.	Ibrahim A. Al-Darrab , Waqar Ahmed Gulzar and Karuvatt Shoukath Ali. (2013). "Status of implementation of safety, quality and environmental management systems in Saudi Arabian industries", <i>Total Quality Management & Business Excellence</i> , vol. 24, No. 3-4, pp. 336-354.

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

1.	Active Learning Workshop
2.	ABET Accreditation Workshop