

Dr. Seraj Yousef Abed*Professor, Industrial Engineering Dept., King Abdulaziz University***Education**

<i>Degree</i>	<i>Field of Study</i>	<i>Institution</i>	<i>Year</i>
Ph.D.	Industrial Engineering	Iowa State Univ	1982
M. S.	Industrial Engineering	Western Michigan Univ	1977
B.Sc.	Computer Science	Western Michigan Univ	1978
B.Sc.	Mechanical Eng.	Univ. of Petroleum & Minerals	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>
1993	NOW	KAAU	Associate Professor		
1982	1993	KAAU	Assistant Professor		
1974	1982	KAAU	Graduate Assistant		

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>
1998	1999	Water & Sewerage Department - Jeddah Municipality Emarate Makkah Al Mukkaramah Region	Consultant		
1995	1998	Dalla Al Baraka Group	Consultant		
1994	1995	Saudi Al -Shura (Advisory) Council	Consultant		
1984	1985	Metrology and Environmental Protection agency	Consultant		

Funded Research Projects and Patents from the Past Five Years

1.	Seraj Y. Abed; Abdullah O. Bafail; Sajjad M. Jasimuddin; "An Econometric Analysis of the International air Travel Demand in the Kingdom of Saudi Arabia," Journal of Air Transportation Management, 2001.
2.	Abdullah O. Bafail; Seraj Y. Abed; Sajjad M. Jasimuddin; "The Determinants of Domestic Air travel Demand in Saudi Arabia," Journal of Air Transportation World Wide, 2000, Vol. 5.
3.	Seraj Y. Abed; Abdullah O. Bafail; "Modeling Air Travel Demand at Jeddah International Airport: and Empirical Study," Journal of King Abdulaziz University - Engineering Sciences 2000
4.	Seraj Y. Abed; Madbuli H. Noweir; "Study of Improving Work in the Main Sacrifice Facility During Hajj Season," Bulletin of High Institute of Public Health, 2000, Vol. 30, No. 1.
5.	Majid Amer; "Cell Growth Simulation (CGS): The Simulator," Journal of King Abdulaziz University - Engineering Sciences 1998, Vol. 10, No. 1, 27 –41.
6.	Sufian M. EI-Assoli; Seraj Y. Abed; Osman S. Ozkul; Mustafa and M. Al Idrisi; "Effect of Colcemid on CHO Cells.
7.	Osman S. Ozkul; Seraj Y. Abed; Mustafa M. AI-Idrisi; Sufian M. EI-Assoli; Progression: Computer Simulation," International Journal of System Science, 1995, Vol. 26, No. 9, 1739 –

1745.

Certifications and Professional Registrations

1. A Learning Center Approach to Engineering Education for the 21st Century – KAU, 2001.
2. Information Technology - Two Weeks Workshop by Management consultants International, Inc. Florida USA, 1998
3. Evaluation of Effective Teaching – KAU, 1996.
4. Delivering Information Services- Harvard Executive Education Program - Harvard University USA, 1995

Current Membership in Professional Societies and Organizations

	<i>Society/organization</i>	<i>Rank</i>	<i>Member Since</i>
1.	Member of Information System Committee		
2.	Member of Engineering Management Committee.		
3.	Member of the Graduate Committee.		
4.	Member of the Evaluation Committee		

Honours and Awards

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

1. Member of the Organizing Committee of the STRATEGIC PLANNING WORKSHOP for the Faculty of Engineering KAU, 2000.
2. Member of the Organizing Committee of the 4th Saudi Engineering Conference and Exhibition, 1994 - 1995.
3. Head of Public Relations and Information Committee of the 4th Saudi Engineering Conference and Exhibition, 1994 - 1995.

Principal Publications/Presentations from the Past Five Years

1. Said Ali Hassan, and Seraj Y. Abed, "An integer programming model with special forms for the optimum provision of needed manufactures with an application example", Proceedings of the WSEAS International Conferences: 11th WSEAS International Conference on Applied Mathematics (MATH '07), Dallas, Texas, USA, 2007.
2. Said Ali Elqulity, "Strategic Planning for Economic Security and Information Development in Saudi Arabia, Information Technology & National Security Conference, Riyadh, Saudi Arabia, 2007
3. Said A. Hassan, and Seraj Y. Abed, "A Comprehensive integer programming model with special forms for optimal provision of multiple manufactures", WSEAS International Conferences, Cairo, Egypt, 2007.
4. Hassan, S.A., and Abed, S.Y, "Challenges for integrating teaching and research with community services: A view from developing countries", **4th International Forum on Engineering Education - IFEE2006, Integrating Teaching and Research with Community Service, University of Sharjah, Sharjah , United Arab Emirates, 2006.**
5. Said Ali Hassan, and Seraj Yousef Abed, "The Role of Micro-Scale Projects for Excluded Sectors in the Development of the Egyptian Society, A Case Study: Micro-Credit Loans in the National Bank for Development", Development of Arab Towns in the Present International Status Conference, Egyptian General Organization for Building Planning, Arab Nations League, Cairo, 2006.
6. Said . Hassan, and Seraj Y. Abed, "For the Strategic Planning and SWOT Analysis of the Arab Economic Development to Face the International Competition", 8th. International Conference of the Management & Engineering Society, Management of Competition, Opportunities and Challenges, Cairo, Egypt, 2006.

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

1. Institute of Industrial Engineers
2. Society of Computer Simulation
3. Saudi Engineering Committee
4. Saudi Arabian Quality Council