

DR. REDA M. S. ABDULAAL*Professor, Industrial Engineering Dept., King Abdulaziz University***Education**

<i>Degree</i>	<i>Field</i>	<i>Institution</i>	<i>Year</i>
PhD	Industrial Engineering	Bradford University, England	1986
MS	Production Engineering	Helwan University, Egypt	1983
BS	Production Engineering	Helwan University, Egypt	1979

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>
1999	Present	King Abdulaziz University	Professor		Full Time
1992	1998	Helwan University	Assoc. Prof.		Full Time
1986	1992	Helwan 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>
2009	2009	Center of Excellence in Desillation Technology, Saudia	Consultant	Establish Strategic Plan	Part Time
1993	1998	Egyptian Aluminium Company	Consultant	System Analysis & Design	Part Time
1991	1994	Ministry of Electricity, Egypt	Researcher	Identify Economic Indices for Investment Costs	Part Time
1987	1990	Energy Researches Center, Egypt	Researcher	Study Energy Demand in Egypt	Part Time

Funded Research Projects and Patents from the Past Five Years

1. Research Project # 12_inf2234_03, "Analysis, Design, and Implementation of innovated Strategic Decision Support System for Admission capacity Planning in Saudi Arabian Universities", Sponsored by King Abdulaziz City for Science and Technology, 2013
2. Research Project # 429/088, "Identifying, Assessing, and Managing Risks Affecting the Construction Projects at King Abdulaziz University", Sponsored by DSR, King Abdulaziz University, 2010
3. Research Project # 429/023, "Development of Introduction to Engineering Design II Into Project-Based Active/Cooperative Learning Course", Sponsored by DSR, King Abdulaziz University, 2010
4. Research Project # 429/045, "The Overall Integrated Evaluation of Graduate Studies in King Abdulaziz University – An Empirical Research – Phase II", Sponsored by DSR, King Abdulaziz University, 2010
5. Research Project # 428/631, "The Overall Integrated Evaluation of Graduate Studies in King Abdulaziz University – An Empirical Research – Phase I", Sponsored by DSR, King Abdulaziz University, 2008
6. Research Project # 428/678, "E-learning in Graduate Studies at King Abdulaziz University: An Exploratory Study", Sponsored by DSR, King Abdulaziz University, 2008
7. Research Project # 427/655, "Establishing and Documenting the Strategic Planning of the Deanship of Graduate Studies at King Abdulaziz University", Sponsored by DSR, King Abdulaziz University, 2007

Certifications and Professional Registrations

Registered Professional Engineer in Egypt

Current Membership in Professional Societies and Organizations

<i>Society/organization</i>	<i>Rank</i>	<i>Member Since</i>
1. American Society of Engineering Education, ASEE (USA)	Member	2006
2. Saudi Arabian Quality Council, SAQC (KSA)	Member	2005
3. Special Interest Group for Cutting and Packing, SICUP (German)	Senior Member	1981
4. Egyptian Syndicate of Professional Engineers (Egypt)	Member	1979

Honours and Awards

1. Shield of Excellence from the Vice President of KAU for Business and Knowledge Creativity, King Abdulaziz University, for contributions done via the Scientific Chairs Research Committee, 2010
2. Shield of Excellence from the Dean of Graduate Studies, King Abdulaziz University, for preparing the Strategic Planning of the Deanship of Graduate Studies, 2008
3. Shield of Excellence from the Dean of Faculty of Engineering, King Abdulaziz University, for the contributions of the year, 2008
4. Shield of Excellence from the President of King Abdulaziz University for the efforts done regarding to the Institutional Academic Accreditation Project, 2006
5. Shield from the College of Business Administration, University of Arab Emirates, for attending one semester at the college as visiting professor, 1999
6. Marquis Who's Who in the World Award for Outstanding Achievement in Research Development, 1997.
7. Shield from the College of Business Administration, University of Arab Emirates, for attending one semester at the college as visiting professor, 1999
8. Visiting Research Assistant Professor to the University of Nebraska (USA), Fellowship, 1992.
9. Honorary Visiting Research Assistant Professor to the University of Bradford (UK), Grant from the British Council in Egypt, 1988.

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

1. Member of the Faculty of Engineering Curriculum Committee, KAU, 2012-present
2. Member of the Faculty of Engineering Accreditation Committee, KAU, 2012-present
3. Member of the Faculty of Engineering Academic Accreditation Unit, KAU, 2011- present.
4. Member of the Executive Committee for KAU Strategic Planning, 2011-2012
5. Consultant of the Vice President of KAU for Projects, 2009-present

Principal Publications/Presentations from the Past Five Years

1. Osman Taylan, Abdallah O. Bafail, Reda M.S. Abdulaal, and Mohammad R. Kabli, "Construction Projects Selection and Risk Assessment by Fuzzy AHP and Fuzzy TOPSIS Methodologies, Journal of Applied Soft Computing, Vol.17, 2014
2. Ibrahim M. Jomaah, Abdallah O. Bafail, Reda M.S. Abdulaal, and Mohamed A. Shalaby, "Identifying, Assessing, and Evaluating Risks Affecting the Educational Construction Projects in Saudi Arabia", Journal of International Academic Research for Multidisciplinary, Vol. 2, No. 1, 2014
3. Reda. M. Abdulaal, Ali M. Al-Bahi, Abdelfattah Y. Soliman, and Faisal I. Iskandarani, "Design and Implementation of a Project-Based Active/Cooperative Engineering Design Course for Freshmen, European Journal of Engineering Education, Vol. 36, No. 4, August 2011, 391–402.
4. Ali M. Al-Bahi, Faisal I. Iskandarani, Abdelfattah Y. Soliman, and Reda M.S. Abdulaal, "Introductory Project Based Design Course to Meet Socioeconomic Challenges," the Annual Conference & Exhibition of the American Society of Engineering Education, June 2011
5. Faisal I. Iskanderani, Abdelfattah A. Soliman, Reda A. Abdulaal, and Ali M. Al-Bahi, "A Project-Based Active/Cooperative Engineering Design Course for Freshman Level Students," 5th International Forum on Engineering Education (IFEE2010), Jointly with: European SDPROMO II Conference, Sharjah, United Arab Emirates, Nov. 2010.
6. Faisal I. Iskanderani, Reda M. Abdelaal, and Ali M. Al-Bahi, "Enhancing the Entrepreneurship Skills of KAU Engineering Students through ABET International Accreditation," Esamion 2009 Forum, Entrepreneurs in the Shade of Global Trade, King Abdulaziz University, Jeddah, Saudi Arabia, Nov. 2009.
7. Zahed, A., Bafail, O., Abdel Aal, R., and Al-Bahi, A., "Preparing for ABET Accreditation in Non-Western, Non-English Speaking Environment," Accepted for presentation in the 2008 Annual Conference & Exhibition of the American Society of Engineering Education, June 2008.

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

1. IDEAL: Institute for the Development of Excellence in Assessment Workshop, Gloria Rogers, ABET Foundation, Sept. 2013
2. Engineering Learning Outcomes Workshop, National project for assessing the higher education learning outcomes, Quias Centre, Ministry of Higher Education, Riyadh, Saudi Arabia, Sept. 2012
3. ABET Program Assessment Workshop, Ashley Ater Kranov, Managing Director, ABET Professional Services, King Abdulaziz University, Jeddah, Saudi Arabia, Feb. 2012.
4. Certified "Accredited Professional International Trainer in Strategic Planning Skills", Centre of Simplified Strategic Planning (USA) and International MEDEX (UAE), Abu-Dhabi, Dec. 2012