

**Dr. Waqar Ahmad Gulzar**

*Associate Professor/Assistant Chairman Development and Accreditation for Department of Industrial Engineering., King Abdulaziz University*

**Education**

<i>Degree</i>	<i>Field of Study</i>	<i>Institution</i>	<i>Year</i>
PhD	Management (Islamic Finance)	LUCT Malaysia	2015
PhD	Software development	Preston University, USA (Pakistan Campus)	2000
MS	Computer Science	Preston University, USA (Pakistan Campus)	1998
MBA	Banking and Finance	Preston University, USA (Pakistan Campus)	2002
BBA Hons	Finance	Preston University, USA (Pakistan Campus)	1997
DBA	2 Year Diploma in Business Administration	PBTE Pakistan	1995
DCD	One Year Diploma In computer Science	PBTE Pakistan	1995
DHE	Hardware Engineering (6 Months)	PBTE Pakistan	1993
DE	Diploma In English	MSI Pakistan	1994

**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>
2015	Present	King Abdulaziz University, Jeddah	Associate Professor		Full time
2000	2015	King Abdulaziz University, Jeddah	Assistant Professor		Full time
1994	1996	Edu-Tech institute	Instructor / Lecturer		Part 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	1998	ENIAC Academy of Computer & Exalted Perception	Chief Executive Officer	Managing the whole organization	Full time

**Funded Research Projects and Patents from the Past Five Years**

1. Co-Investigator of “Development of a decision support system for the industrial engineering department at King Abdulaziz University” Project funded with 387,000 SAR by Deanship of scientific research, King Abdulaziz University. (2014)
2. Co-Investigator of “Integration of safety and quality management systems in Saudi industries” A funded research project by King Abdullah city of science and technology (KACST). (2011)

**Certifications and Professional Registrations**

1. **COP** Certified Oracle Programmer , (ID #: 1043093) , 2000.
2. **CRD** Certified RDBMS Developer, (ID #: 1014494) 2000.
3. **COP** Certified Oracle Professional Oracle 8 DBA, (ID#:1014494) 2000.
4. **CDP** Certified Oracle Developer 2000 Programmer (ID# :1017981) 2000

**Current Membership in Professional Societies and Organizations**

	<i>Society/organization</i>	<i>Rank</i>	<i>Member Since</i>
1.	Pakistan Computer Society	Member	1996
2.	Oracle Technology Network	Member	1998
3.	Pakistan Engineering Society	Member	1998

**Honours and Awards**

1. **Appreciation Shield** on Best Performance for the Year 1998-1999 In Industrial Engineering Dept, King Abdul Aziz University Jeddah.
2. Scored first position in the whole country in Diploma of Business Administration From Punjab Board Of Technical Education Lahore Pakistan. **Gold Medal** was awarded by the government on this achievement.
3. **Certificate of Appreciation** given by the King Abdulaziz University for the contribution of ABET accreditation Achievement.

<b>Institutional and Professional Services</b> ( <i>administration, committees, units, etc.</i> )	
1.	Assistant Chairman Of Quality and Development for IE department
2.	Coordinator, Quality Assurance and Accreditation Committee IE Department
3	Member of Faculty of Engineering QAAU (Quality Assurance and Accreditation Unit)
4	Coordinator Department COOP training Committee
5	Member PhD program development committee
6	Coordinator Information System academic group
7	Member of Management Information System group
<b>Principal Publications/Presentations from the Past Five Years</b>	
1	Arif Malik, Mohammed Nazeh, Waqar Ahmad "Improving Cloud Computing Adoption in Saudi Business Organizations - A Novice to Expert Case", The International Journal of Engineering and Science (IJES) Volume7 Issue9 69-82 September 2018. Available at: <a href="http://www.theijes.com/papers/vol7-issue9/Version-1/J0709016978.pdf">http://www.theijes.com/papers/vol7-issue9/Version-1/J0709016978.pdf</a>
2	Wajih Izzat Abu Ghazaleh, Dr. Waqar Ahmad, " A Technical Feasibility for Adoption of Cloud Computing in King Abdulaziz University, Saudi Arabia", International Journal of Science and Research (IJSR), Volume 6 Issue 11, November 2017, 2066 – 2085. Available at: <a href="https://www.ijer.net/archive/v6i11/v6i11.php">https://www.ijer.net/archive/v6i11/v6i11.php</a> .
3	Telmesani, M., Ahmad, W., & Telmesani, T. (2017). The Impact of Technology on Minors: A Survey-based Study. Australasian Journal of Business, Social Science and Information Technology, 3(2), 78-90. Available at: <a href="http://www.ajbssit.net.au/index.php/AJBSSIT/article/view/34">http://www.ajbssit.net.au/index.php/AJBSSIT/article/view/34</a>
4	Demirbas A, Kabli M, Alamoudi RH, Ahmad W, Basahel A. Renewable energy resource facilities in the Kingdom of Saudi Arabia: Prospects, social and political challenges. Energy Sources, Part B Econ Planning, Policy [Internet]. Taylor & Francis; 2017 Jan 2;12(1):8–16. Available at: <a href="http://dx.doi.org/10.1080/15567249.2014.996303">http://dx.doi.org/10.1080/15567249.2014.996303</a>
5	Ayhan Demirbas, Hisham Alidrisi, Waqar Ahmad & Manzoor H. Sheikh (2016) Potential of geothermal energy in the Kingdom of Saudi Arabia, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 38:15, 2238-2243, DOI: 10.1080/15567036.2015.1045999
6	Ayhan Demirbas, Waqar Ahmad, Rami Alamoudi & Manzoor Sheikh (2016) Sustainable charcoal production from biomass, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 38:13, 1882-1889, DOI: 10.1080/15567036.2014.1002955.
7	Ayhan Demirbas, Rami H. Alamoudi, Waqar Ahmad & Manzoor H. Sheikh (2016) Optimization of municipal solid waste (MSW) disposal in Saudi Arabia, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 38:13, 1929-1937, DOI: 10.1080/15567036.2015.1034385
8	Ayhan Demirbas, Abdullah Bafail, Waqar Ahmad, Manzoor Sheikh (2016). Biodiesel production from non-edible plant oils. Energy Exploration and Exploitation. Volume 34, Issue 2. 290-318.
9	Waqar Ahmad Gulzar. Enrichment in OCA theory: Towards a Robust Model for Optimum Currency Area by Inclusion of Culture Criteria. Life Sci J 2015;12(8):16-24. (ISSN:1097-8135).
10	Waqar Ahmad Gulzar. Assessing the potential for the establishment of monetary union among GCC countries. Life Sci J 2015;12(10):30-43]. (ISSN:1097-8135).
11	Waqar Ahmad Gulzar. (2014) Team Size Optimization – a Management Panacea: Fact or Fantasy. <i>Life Sci J</i> 2014;11(6):469-478. (ISSN:1097-8135).
12	Authored Book, "Essentials of Oracle" Published by McGraw-Hill Corporation ISBN – 13 : 978 – 007712586-8 Year 2015.
<b>Recent Professional Development Activities</b> ( <i>Workshops, training, etc.</i> )	
1.	High Performance Computing Saudi Arabia, KAU
2.	Big Data Analytics using Apache Spark, HPC Saudi Arabia, KAU 2018.
3.	QS Rankings Roadshow/Workshop, by QS Ranking Intelligence Unit at KAU 2018.
5.	Advancement Program Assessment Accreditation Board of Engineering Technology(ABET), Atlanta USA, 2015.
6.	IDEAL: Institute for the Development of Excellence in Assessment Workshop, Gloria Rogers, ABET Foundation, Sept. 2013
7.	Attended ABET symposium 2013 in Portland USA.
8.	ABET Program Assessment Workshop, Ashley Ater Kranov, Managing Director, ABET Professional Services, King Abdulaziz University, Jeddah, Saudi Arabia, Feb. 2012.
9.	CEA workshop on English accreditation in Boston USA 2011