



# Atiq W. Siddiqui

Assistant Professor

## Personal Data

Nationality | Pakistani

Department | MIS

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## Language Proficiency

Language	Read	Write	Speak
Arabic	Intermediate	Basic	Basic
English	Fluent	Fluent	Fluent

## Academic Qualifications

Date	Academic Degree	Place of Issue	Address
2012	PhD (Operations & Information Management)	Memorial University of Newfoundland	Canada
2001	MS (Industrial Engineering & Operations Research)	KFUPM	Saudi Arabia
1998	BE (Mechanical Engineering)	NED University	Pakistan

## PhD, Master or Fellowship Research Title:

PhD	Tactical Planning in Maritime Transportation of Crude Oil
MS	Targeting in multi-class screening under error and error-free measurement systems

## Professional Record (Beginning with the most recent):

Job Rank	Place and Address of Work			Date
Assistant Professor	Management Information Systems department	College of business administration	Dammam	10/13-Present
Postdoctoral Research Fellow	Desautels Faculty of Management	McGill University	Montreal, Canada	Sep. 2012–July 2013
Sessional Instructor/Research Assistant	Faculty of Business Administration	Memorial University of Newfoundland, Canada	Newfoundland, Canada	Sep. 2008–Aug. 2012
Lecturer (Industrial Engineering & OR)	Systems Engineering	King Fahd University of Petroleum & Minerals, Saudi Arabia	Dhahran, KSA	Jan. 2001–Aug. 2008



**Scientific Achievements: Published Refereed Scientific Researches.**

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	SA Raza, AW Siddiqui, C Standing	Exploring Systemic Problems in IS Adoption Using Critical Systems Heuristics	Systemic Practice and Action Research 32 (2), 125-153, 2019
2	AW Siddiqui, SA Raza, ZM Tariq	A web-based group decision support system for academic term preparation	Decision Support Systems 114, 1-17, 2018
3	A Siddiqui, M Verma, V Verter	An integrated framework for inventory management and transportation of refined petroleum products: Pipeline or Marine?	Applied Mathematical Modelling 55, 224-247, 2018
4	AW Siddiqui, M Verma	Assessing risk in the intercontinental transportation of crude oil	Maritime Economics & Logistics 20 (2), 280-299, 2018
5	AW Siddiqui, M Verma	A conditional value-at-risk based methodology to intermediate-term planning of crude oil tanker fleet	Computers & Industrial Engineering 113, 405-418, 2017
6	AW Siddiqui	An ontological process modelling framework for stochastic systems	International Journal of General Systems 45 (7-8), 803-814, 2016
7	A Siddiqui, SA Raza	Electronic Supply Chains: Status & Perspective	Computers & Industrial Engineering 88, 536-556, 2015
8	AW Siddiqui, M Verma	A bi-objective approach to routing and scheduling maritime transportation of crude oil	Transportation Research Part D: Transport and Environment 37, 65-78, 2015
9	AW Siddiqui, M Verma	An Expected Consequence Approach to Route Choice in the Maritime Transportation of Crude Oil	Risk Analysis 33 (11), 2041-2055, 2013
10	A Siddiqui, M Verma, D Tulett	A periodic planning model for maritime transportation of crude oil	EURO Journal on Transportation and Logistics, 1-29, 2013
11	A Siddiqui, M Khan, S Akhtar	Supply chain simulator: A scenario-based educational tool to enhance student learning	Computers & Education 51 (1), 252-261, 2008
12	SO Duffuaa, AW Siddiqui	Process targeting with multi-class screening and measurement error	International Journal of Production Research 41 (7), 1373-1391, 2003
13	SO Duffuaa, AW Siddiqui	Integrated process targeting and product uniformity model for three-class screening	International Journal of Reliability, Quality and Safety Engineering 9 (03), 261-274, 2002

**Scientific Research Papers Presented to Refereed Specialized Scientific Conferences.**

#	Name of Investigator(s)	Research Title	Conference and Publication Date
1	AW Siddiqui	Predicting Natural Gas Spot Prices Using Artificial Neural Network.	2nd International Conference on Computer Applications & Information Security (ICCAIS'19), March 19 – March 21, 2019, Riyadh, Saudi Arabia.
2	AW Siddiqui, M Verma	A CVaR Approach to Planning Crude Oil Tanker Fleet.	Manufacturing and Service Operations Management (MSOM) Conference, June 29 – June 30, 2015, Toronto, Canada.



3	AW Siddiqui, M Verma	A Risk-Cost Approach to Routing & Scheduling Crude Oil Tankers.	2014 Industrial and Systems Engineering Research Conference (ISERC), May 31 – June 3, 2014, Montreal, Quebec, Canada.
4	AW Siddiqui, M Verma	A Cost-of-Spill Approach to Selecting Routes for Maritime Transportation of Crude Oil.	55th Annual Conference of the Administrative Sciences Association of Canada, June 9 – 12, 2012, St. John's, Newfoundland, Canada.
5	AW Siddiqui, M Verma	An Expected Consequence Approach to Intercontinental Transportation of Crude Oil.	Proceedings of the 9th AIMS Inter. Conf. on Management, January 1 – 4, 2012, Pune, India.
6	AW Siddiqui, M Verma	An Analytical Approach to Maritime Crude Oil Transportation.	1st conference of Transportation Research Group of India (CTRG), December 7 – 10, 2011, Bangalore, India.
7	AW Siddiqui, M Verma	Scheduling of Crude Oil Deliveries through VLCC/ULCC Tankers.	54th Annual Conference of the Administrative Sciences Association of Canada, July 2 – 5, 2011, Montréal, Québec, Canada.
8	MA Khan, AW Siddiqui, & M Abdul-Majid	Interactive Learning for Waveform Dynamics of Diode Rectifiers and RC Filter in DC Power Supply.	Industrial Electronics, 2008. IECON 2008. 34th Annual Conference of IEEE, November 10 – 13, 2008, Orlando, FL, USA.
9	M Khan, AW Siddiqui	Behavior of a Production System with Constant (Exponential) Failure Rate: A System-Dynamics Study.	Proceedings Atlantic Schools of Business ASB-2008, October 17 – 19, 2008, St. John's Newfoundland and Labrador, Canada.
10	M Elshafei, AW Siddiqui & SO Duffuaa	Optimal Process Targeting of Multi-Components Multi-Characteristics Products.	4th International Conference on Manufacturing Research (ICMR 2006), September 5 – 7, 2006, Liverpool, England.
11	U Alturki, AW Siddiqui & AA Andijani	ERP Implementations in Saudi Arabia: A Survey with Saudi Companies.	The 36th International Conference on Computers and Industrial Engineering, Challenges for Advanced Technology Industries, June 20 – 23, 2006, Taipei, Taiwan, R.O.C.
12	SO Duffuaa, AW Siddiqui	Integrated Process Targeting and Product Uniformity Model for Three-Class Screening.	The Seventh ISSAT International Conference on Reliability and Quality in Design, August 11 – 13, 2001, Miami, Florida, USA.

**Contribution to Scientific Conferences and Symposia DELETE THIS TABLE IF NOT APPLICABLE**

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	First National Forum for Business Transformation, November 30, 2019, Dammam, Saudi Arabia.	Dammam, KSA	Co-Presenter
2	CORS/INFORMS 2015 Annual Conference, June 14 – June 17, 2015, Montreal, Quebec, Canada.	Montreal, Quebec, Canada.	Presenter
3	CORS 2014 Annual Conference, May 25 - May 27, 2014, Ottawa, Ontario, Canada.	Ottawa, Ontario, Canada.	Presenter
4	CORS 2012 Annual Conf., June 11 – 13, 2012, Niagara Falls, ON, Canada.	Niagara Falls, ON, Canada.	Presenter
5	CORS 2011 Annual Conference, May 30 – June 1, 2011, St. John's, Newfoundland, Canada.	St. John's, Newfoundland, Canada.	Presenter



6	MITACS/CORS 2010 Annual Conference, May 25 – 28, 2010, Edmonton, Alberta, Canada.	Edmonton, Alberta, Canada.	Presenter
7	Workshop on e-Publishing, April 2003, Riyadh, Saudi Arabia.	Riyadh, Saudi Arabia.	Co-Presenter

### Honors and Awards **DELETE THIS TABLE IF NOT APPLICABLE**

Date	Honors and awards
2018	High-Quality Research Publications (Two Awards), University Scientific Council, IAU, KSA, 2018
2018	Excellence in Services Award, College of Business Administration, IAU, KSA, 2017-2018
2014	Best Paper Operations Research in Industrial and Systems Engineering Research Conference (ISERC), May 31 – June 3, 2014, Montreal, Quebec, Canada
2011	Honorable Mention Management Science Division, in the 54th Annual Conference of the Administrative Sciences Association of Canada, 2011
2008-2012	Fellowship, School of Graduate Studies, MUN, Canada, 2008-2012
2008-2012	Research & Teaching Assistantship, Faculty of Business Administration, MUN, Canada, 2008-2012
2003 & 2007	Award of Merit for Distinguished Services, Systems Engineering, KFUPM, 2001, 2003 & 2007
2006	Award of Merit for Distinguished Teaching, College of Computer Sci. & Engineering, KFUPM, 2006
2000	Distinguished Research Assistant Award, Systems Engineering, KFUPM 2000

### Teaching Activities

#	Course/Rotation Title	No./Code
1	Principles of MIS	MIS206
2	Programming for Business	MIS412
3	Business Intelligence	MIS413
4	Decision Support Systems	MIS502
5	Human Computer Interaction	MIS435
6	Operations Management	MGMT410
7	Project Management	MGMT642
8	Applied Project Management	MGMT644
9	Research Project	MGMT695
10	Quantitative Methods for Business (MUN, Canada)	BUSI2401
11	Operations Management (MUN, Canada)	BUSI3401
12	Introduction to Technology (KFUPM, KSA)	SE100
13	Engineering Economics (KFUPM, KSA)	SE307
14	Probability & Statistics	SE205
15	Operations Research I	SE303
16	Stochastic Systems Simulation	SE405
17	Industrial Information Systems	SE465



### Committee Membership

#	From	To	Position	Organization
1	2018	Present	Head	Program Development Committee, MSc. in Business Analytics
2	2014	Present	Head	Scheduling Committee
3	2016	2016	Head	MBA Operational Planning Committee
4	2015	2017	Member	Research Committee
5	2013	2014	Member	MBA Curriculum Development Committee
6	2013	2014	Member	BBA Curriculum Development Committee

### Community Service (Volunteer work)

#	From	To	Type of Volunteer	Organization
1	2010	2012	Public relations	Saudi Students in London (example).
2				

### Membership of Scientific and Professional Societies and Organizations

- Institute for Operations Research and the Management Sciences (Informs)
- Administrative Sciences Association of Canada (ASAC)
- Decision Sciences Institute (DSI)
- Pakistan Engineering Council (PEC)

### Workshops/Conferences Attended

- First National Forum for Business Transformation, November 30, 2019, Dammam, Saudi Arabia.
- CORS/INFORMS 2015 Annual Conference, June 14 – June 17, 2015, Montreal, Quebec, Canada.
- CORS 2014 Annual Conference, May 25 - May 27, 2014, Ottawa, Ontario, Canada.
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- MITACS/CORS 2010 Annual Conference, May 25 – 28, 2010, Edmonton, Alberta, Canada.
- Workshop on e-Publishing, April 2003, Riyadh, Saudi Arabia.

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