

**Dr. Muhammad Atif Shahzad***Associate Professor, Department of Industrial Engineering, King Abdulaziz University***Education**

<i>Degree</i>	<i>Field of Study</i>	<i>Institution</i>	<i>Year</i>
Ph.D.	Automation & Applied Informatics	Universite de Nantes, France	2011
M.S	Production Automation	Ecole Centrale de Nantes, France	2007
M.Sc	Computer Science	SZABIST, Islamabad, Pakistan	2003
B.E.	Mechanical Engineering	U.E.T. Taxila, Pakistan	2000

**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>
2017	Present	King Abdulaziz University	Assoc. Professor		Full Time
2016	2017	CECOS University	Assoc. Professor		Full Time
2015	2016	Tec de Monterrey	Assoc. Professor		Full Time
2014	2015	International Islamic	Assoc. Professor		Part Time
2008	2010	Ecoles des Mines de Nantes	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>
2013	2015	Center of Excellence, Islamabad	General Manager System Engineering	System Engineering	Full Time
2006	2006	Center of Excellence, Islamabad	Manager	System Engineering	Full Time
2001	2006	Center of Excellence, Islamabad	Asst. Manager	Design & Technology	Full Time

**Certifications and Professional Registrations**

Registered Engineer, Pakistan Engineering Council

Professional Engineer, Institute of Engineers

**Current Membership in Professional Societies and Organizations****Honors and Awards**

1. Certificate of contribution, Panel Vision Global Extranjeros Residentes en Sonora, CDI A1FaEs,
2. Letter of appreciation for excellent performance in system engineering, 2013
3. Distinguished Student Scholarship for MS/PhD (HEC, Pak & Govt of France).
4. Student Scholarship for MCS, (Ministry of Science & Tech, Pak.)

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

1. OBE Coordinator, Faculty of Engineering, CECOS University
2. Manager, Research, Innovation and Commercialization, CECOS University.
3. Member, Academic Accreditation Committee, IE, KAU
4. Member, Information Systems Unit, IE, KAU
5. Member, Academic Affairs Committee, IE, KAU
6. Member, Services Committee, IE, KAU
7. Member, Student Affairs Committee, IE, KAU

<b>Principal Publications/Presentations from the Past Five Years</b>	
1.	Nassima Keddari, Nasser Mebarki, <u>Atif Shahzad</u> , Zaki Sari, “Solving an Integration Process Planning and Scheduling in a Flexible Job Shop Using a Hybrid Approach”, Computational Intelligence and Its Applications, ISBN 978-3-319-89743-1, (2018). <a href="https://doi.org/10.1007/978-3-319-89743-1_34">https://doi.org/10.1007/978-3-319-89743-1_34</a>
2.	Zakaria Yahouni, Nasser Mebarki, Farouk Belkadi, <u>Atif Shahzad</u> , Alain Bernard, “Human-machine cooperation in planning and scheduling: a case study on an unstable environment”, European Journal of Industrial Engineering, Vol 12, No 6, (2018). <a href="https://doi.org/10.1504/EJIE.2018.096388">https://doi.org/10.1504/EJIE.2018.096388</a> .
3.	<u>Atif Shahzad</u> , Nasser Mebarki, “Learning Dispatching Rules for Scheduling: A Synergistic View Comprising Decision Trees, Tabu Search and Simulation”, Journal of Computers, Combining Learning and Optimisation, pp:3-19, Vol: 5, (2016), ISSN:2073-431X, <a href="https://doi.org/10.3390/computers5010003">https://doi.org/10.3390/computers5010003</a> .
4.	Nasser Mebarki, <u>Atif Shahzad</u> , “Correlation Among Tardiness Based Measures for Scheduling using Priority Dispatching Rules”, International Journal of Production Research, pp:3688-3697, Vol:51, Issue:12 (2013), ISSN: 0020-7543, Imprint Taylor & Francis, <a href="https://doi.org/10.1080/00207543.2012.762131">https://doi.org/10.1080/00207543.2012.762131</a> .
5.	<u>Atif Shahzad</u> , Nasser Mebarki, “Data Mining Based Job Dispatching using Hybrid Simulation-Optimization Approach for Shop Scheduling Problem”, International Journal of Engineering Applications of Artificial Intelligence, pp:1173-1181, Vol:25, Issue:6 (2012), ISSN: 0952-1976, Imprint Elsevier, <a href="https://doi.org/10.1016/j.engappai.2012.04.001">https://doi.org/10.1016/j.engappai.2012.04.001</a> .
<b>Recent Professional Development Activities</b> ( <i>Workshops, training, etc.</i> )	
1.	Certificate for Avenues of Innovation and Entrepreneurship, Pakistan Council for Science &
2.	Certifivate of training in Research, Innovation & Commercialization, NUST, Islamabad, 2017.
3.	Certificate of training for Outcome Based Education & Assesement System of Accreditation,