

Dr. Abdulrahman Mohammed S. Basahel*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.	Human Factors Engineering & Ergonomics	Brunel University, UK	2012
M.Sc.	Industrial Engineering- Human Factors Engineering	King Abdulziz University, KSA	2007
B.Sc	Industrial Engineering Department	King Abdulziz University, KSA	2004

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>
2018	Current	King Abdulziz University, Jeddah	Associate. Prof.		Full time
2012	2017	King Abdulziz University, Jeddah	Assistant Prof.		Full time
2009	2012	Brunel University UK	Researcher		Full time
2005	2007	King Abdulziz University, Jeddah	Assistant Engineer		Full time

Non Academic Industrial Experience *(including Consultations)*

<i>From</i>	<i>To</i>	<i>Position Description (Brief)</i>
2017	Present	A lead tutors and Business Development In-Charge in King Abdulaziz University Center #1400: Accredited by NEBOSH
2017	2019	Chairman of Department of Industrial Engineering, Faculty of Engineering, King Abdulaziz University, KSA
2015	2016	Vice Director of Disaster & Emergency Center, King Abdulaziz University, KSA,
2014	2015	Chairman of Hazards Analysis and Management Dep., Disaster & Emergency Center, King Abdulaziz University, KSA.

Certifications and Professional Registrations

1. International Health & Safety Management", NEBOSH 2014
2. Managing Safely of International Occupational Safety & Health (IOSH), 2014

Current Membership in Professional Societies and Organizations

	<i>Society/organization</i>	<i>Rank</i>	<i>Member Since</i>
1.	A lead tutors and Business Development In-Charge in King Abdulaziz University Center #1400: Accredited by NEBOSH	Member	2017
2.	Accredited Trainer at NEBOSH (UK) for Safety	Trainer	2017
3.	Chartered Institute of Ergonomics & Human Factors, UK	Associate	2009

Honours and Awards

1. Bachelor of Science degree in Industrial Engineering, King Abdulaziz University with the second honour, 2004.
2. Master of Science degree in Industrial Engineering, King Abdulaziz University with the first honour, 2007.

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

1.	Chairman of Department of Industrial Engineering, Faculty of Engineering, King Abdulaziz University, KSA (2017 – 2019)
2.	Director of Executive Engineering Management Program in Department of Industrial Engineering, Faculty of Engineering (2018 - 2019)
3.	Approved tutor and practical assessor of the British National Examination Board of Occupational Safety and health (NEBOSH) courses in health and safety as a team member of King Abdulaziz University Center – NEBOSH Accredited Center #1400. So far, three Health & safety at Work (HSW) courses were offered (2017 – current) .
4.	Vice Director of Disaster & Emergency Center, King Abdulaziz University, KSA (2015 – 2016)
5.	Chairman of Hazards Analysis and Management Dep., Disaster & Emergency Center, King Abdulaziz University, KSA (2014 – 2015)

Principal Publications/Presentations from the Past Five Years

1.	Basahel, AM., 2015. Investigation of Work-Related Musculoskeletal Disorders (MSD) in Warehouse Workers in Saudi Arabia, Procedia Manufacturing, 3, PP:4643-4649.
2.	Basahel, AM., 2016. Evaluation of the Impact of Engineering Ergonomic Interventions on Musculoskeletal Hazards and Psychosocial Factors among Packaging Workers in a Food Factory, International Journal of Ergonomics (IJEG), 6 (1), PP:1-17.
3.	Basahel, A. and Taylan, O., 2016. Using Fuzzy AHP and TOPSIS Approaches for Assessing Safety Conditions at Worksites in Construction Industry, International Journal of Safety & Security Engineering, 6 (4), PP:728-745.
4.	Basahel, AM., 2016. Physical Demand, Fatigue and Shift Work in the Installation and Maintenance of Window Air-Conditioner Units, Life Science Journal, 13 (5), PP:46-55.
5.	Zytoon, M., and Basahel, A. 2017. Occupational Safety and Health Conditions Aboard Small- and Medium-Size Fishing Vessels: Differences among Age Groups. Int. J. Environ. Res. Public Health. 14 (3), PP:1-20.
6.	Mohamed A. Zytoon, Majed A. Aburass, Abdulrahman M. Basahel. 2018. Occupational health and safety risk assessment in an electricity generation company. International Journal of Science and Engineering Investigations, 7(74), 90-94.
7.	Ahasan R, Basahel A, Hoque W, S and Islam E. 2018. Monitoring Thermal Stress of Steel Re-Rolling Mill Workers .Ergonomics International Journal. 2 (1), PP:1-7.
8.	Hameed A, and Basahel A. 2019. Investigation of Work-Related Disorders by Rapid Upper Limb Assessment .Journal of Scientific & Industrial Research. 78 (4), PP:199-202.
9.	Cebi, N., Sagdic, O., Basahel, A., Balubaid, M., Taylan, O., Yaman, M., Yilmaz, M.T. 2019. Modeling and optimization of ultrasound-assisted cinnamon extraction process using fuzzy and response surface models. Journal of Food Process Engineering, e12978, 1-15
10.	Basahel A, and Alqadhi E. 2019. Analysis of the Falling Accidents at the Makkah Holy Mosque Expansion Project .International Journal of Engineering & Technology, 7(4), 6843-6847.
11.	Basahel A. 2019. From the Prospective of Ergonomics: Estimating Overall Stressors and Task Demands in the Construction Sites in Saudi Arabia Using an Analytical Hierarchy Process (AHP). Journal of Scientific & Industrial Research. 78, 651-658.
12.	Basahel A, and Tajuddin F. 2019. Ergonomics Factors, Mental and Physical Loads among Health-care Workers .International Journal of Advanced Research, 7(9), 321-330.

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

1.	Crisis and Disaster Management Workshop, The International Emergency Management Society (TIEMS), King Abdulaziz University, KAU, 2015.
2.	A lead tutors and Business Development In-Charge in King Abdulaziz University Center #1400: Accredited by NEBOSH (Since 2017)