CURRICULUM VITAE

1- Personal Details

Name : Abdullah Alabdulkarim
Nationality : Saudi
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Major Area of specialization: Industrial Engineering

2- Education & Qualifications

Date	Degree	University name	Country	Title of the Dissertation
2014	Ph.D	Cranfield University	UK	Understanding the Effects of Product Monitoring Levels on Maintenance Operations: A Simulation Approach
2009	MSc	University of Portsmouth	UK	Logistics and Optimisation
2004	BSc	King Saud University	Saudi Arabia	Industrial Engineering

3- Professional Activities:

Date	Job Title	Place	Country
Aug. 2014 till Date	Vice Dean for Academic Affairs	College of Engineering Majmmah University	Saudi Arabia
Aug. 2014 till Date	Assistant Professor	Mechanical and Industrial Engineering Department College of Engineering, Majmaah University	Saudi Arabia
May. 2011 till Aug. 2014	Lecturer	Mechanical and Industrial Engineering Department College Of Engineering, Majmaah University	Saudi Arabia
Nov. 2012 – Nov. 2013	Teaching Assistant	Manufacturing and Materials Department Cranfield University	United Kingdom
March 2007 - June 2008	Calibration Lab Manager	Saudi Specialized Laboratories Company	Saudi Arabia
July 2005 – Feb. 2007	Team Leader Aircraft and Crew Scheduling	National Air Services (NAS)	Saudi Arabia
June 2004 – May 2005	Performance Analysis Engineer	Alsalam Aircraft Company (AAC)	Saudi Arabia

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4. Teaching Experiences:

A. Undergraduate Courses Taught

1. Quality Management. (ME372)
2. Industrial Operations Research I. (ME371)

B. Post Graduate Courses Taught

1. Manufacturing Systems Engineering.
2. Enterprise Modelling.

5- Areas of Specialization

- Industrial & Service Systems Simulation.
- Complex Maintenance Operations.
- Through-life Engineering.
- Complex Systems Engineering.
- Project Management.
- Business Process Management.
- Supply Chain.

6- Languages

- Arabic *(mother tongue)*.
- English

7- Publications

A- International Journals

1. Alabdulkarim, A. A., Ball, P. D., & Tiwari, A. (2015). Assessing Asset Monitoring Levels for Maintenance Operations: A Simulation Approach. *Journal of Manufacturing Technology Management*, (In-press).

2. Alabdulkarim, A. A., Ball, P. D., & Tiwari, A. (2014). Influence of resources on maintenance operations with different asset monitoring levels: A simulation approach. *Business Process Management Journal*, *20*(2), 195-212.

3. Alabdulkarim, A. A., Ball, P. D., & Tiwari, A. (2013). Applications of simulation in maintenance research. *World Journal of Modelling and Simulation*, *9*(1), 14-37.

B- International Conferences

1. Alabdulkarim, A. A., & Ball, P. D. (2014, December). Selecting the Appropriate Product Monitoring Levels for Maintenance Operations: A Simulation Approach. In *Winter Simulation Conference (WSC)*, 2014. Piscataway, New Jersey: Institute of Electrical and Electronics Engineers, Inc.

2. Alrabghi, A., Tiwari, A., & Alabdulkarim, A. (2013, December). Simulation Based Optimization of Joint Maintenance and Inventory for Multi-Components Manufacturing Systems. In *Winter Simulation Conference (WSC), 2013*,1109-1119. Piscataway, New Jersey: Institute of Electrical and Electronics Engineers, Inc.

3. Alabdulkarim, A. A., Ball, P. D., and Tiwari, A. (2012). Examining the Effect of Spare Part and Labour Availability As Maintenance Constraints On Different Monitoring Levels. In *Proceedings of the Operational Research Society Simulation Workshop 2012 (SW12)*,edited by B. Tjahjono, C. Heavey, S. Onggo, & D.-J. van der Zee,192-199. The OR Society,UK.

4. Alabdulkarim A A, Ball P D and Tiwari A (2011). Rapid Modeling of Field Maintenance Using Discrete Event Simulation. In *Proceedings of 2011 Winter Simulation Conference*, edited by Jain S, Creasey R R, Himmelspach J, White K P, and Fu M, 637-646. Piscataway, New Jersey: Institute of Electrical and Electronics Engineers, Inc.

5. Alabdulkarim, A. A., Ball, P.D. and Tiwari, A. (2011). State of the art of Simulation Applications in Maintenance Systems, In *Proceedings of the 44th CIRP International Conference on Manufacturing Systems,* Madison, Wisconsin, USA.

6. Ball P D, Tiwari A, Alabdulkarim A, Cuthbert R and Thorne A. (2010). Using Discrete Event Simulation to Investigate Engineering Product Service Strategies. In *Proceedings of 8th International Conference on Manufacturing Research*, edited by V. I. Vitanov, and D. Harrison, 318-323. Durham, UK: Durham University.

C- AWARDS RECEIVED

1. Academic achievement for new applications of Discrete Event Simulation (DES) awarded by Lanner group in United Kingdom (2011).
2. Obtained the distinction award of His Royal Highness Prince Mohammed bin Nawaf, Saudi Ambassador to the UK (2013).
3. Obtained the distinction award from the Saudi Cultural Bureau in the United Kingdom (2013).

D- Editorial Contributions

I have refereed articles for the Business Process Management Journal (BPMJ) and Journal of Simulation (JoS).