

**Name**

Mohammad, Dheif - Alla Al – Ahmad AL-Tahat

**Education – degree, discipline, institution, year**

- Ph.D., Design and Methods of Industrial Engineering, University of Bologna, 2003
- M.Sc., Industrial Engineering, the University of Jordan, 1993
- B.Sc., Production and Metallurgy Engineering, University of Technology, 1990

**Academic experience – institution, rank, title (if appropriate), when, full time or part time**

- The University of Jordan, Full professor, 2012- now, full time
- The University of Jordan, Associate professor, 2008- 2012, full time
- The University of Jordan, Assistant professor, 2003- 2012, full time
- Yarmouk University, Visiting Professor, Sep.2016 - Sep 2017, full time
- Tabuk University, Visiting Professor, Sep. 2015- Jan. 2016 full time
- Jordan University of Science and Technology, visiting professor, Sep. 2019- Sep. 2010, full time
- Industrial Engineering- department chair, March-2019- present, full time
- Industrial Engineering- department chair, Sep. 2017- March-2018, full time
- Industrial Engineering- department chair, Sep.2014- Sep.2015, full time
- University board of consoles, member, Sep. 2013- Sep. 2014, full time
- Industrial Engineering- department chair, Sep. 2008- Sep. 2009, full time
- Industrial Engineering- department chair, Sep. 2007- Sep.2008, full time
- Dean assistant, Faculty of Engineering, Sep. 2006- Sep. 2007, full time

**Non-academic experience – company or entity, title, brief description of position, when, full time or part time**

- Jordan University of Science &Technology, Planning & Development Engineer, 7/8/1999- 7/2/2000, full time.
- Arab Engineering Industries Company (AEICO), Head of Sales and Marketing Department in the commercial department, 11/4/1999- 23/8/1999, full time.
- Arab Engineering Industries Company (AEICO), Sales and Marketing Engineer in the commercial department, 17/12/1997- 10/4/1999, full time.
- Arab Engineering Industries Company (AEICO), Planning Engineer and Casting Technologist at Planning and Information department, 22/4/1995- 16/12/1997, full time.

**Certifications or professional registrations**

- Member of the Human Resources Development Committee/ metals and mining Sector for the National Center for Human Resources Development [http://www.nchrd.gov.jo/HOME\\_En.aspx](http://www.nchrd.gov.jo/HOME_En.aspx) March 2019 – March 2021.
- Member of board of trustees for Arab University College of Technology, Oct. 2018 – Present. <http://arabcommunitycollege.edu.jo/Default.aspx?Lng=1&P=lst7&T=1&S=1&Q=5>
- Editorial Board Member of Jordan Journal of Mechanical and Industrial Engineering, (JJMIE). The Jordanian Ministry of Higher Education and Scientific Research in corporation with the Hashemite University, Jordan. <http://jjmie.hu.edu.jo/>

Executive Editor Member of Journal of Mechanical Engineering and Modern Technology, JMEMENT 2018. <http://jmemt.jarap.org/editor-board.aspx>

-Editorial Board Member of International Distance Education Conference, IDEC 2015. [http://www.id-ec.net/editorial\\_board](http://www.id-ec.net/editorial_board).

-Editorial Board Member of (MyJurnal) Malaysian Journal Management System. <http://www.myjurnal.my/public/browse-journal-view.php?id=327>

-

-Editorial Board Member of the International Journal of Engineering and Industries, (IJEI). Advanced Institute of Convergence IT (AICIT), Korea.

<http://www.aicit.org/ije/home/editors.html>

-Editorial Board Member of the International Journal of Global Engineers & Technologists Review, (GET view). Malaysian Citation Centre, Ministry of Education, Malaysia.

[http://www.getview.org/editorial\\_board.html](http://www.getview.org/editorial_board.html)

-Editorial Board Member of the International Journal of Science, Technology and Society, (IJSTS). Science Publishing Group, USA.

<http://www.sciencepublishinggroup.com/journal/editorialboard.aspx?journalid=183>

-Editorial Board Member of the International Journal of Advanced Science and Engineering Technology (IJASET), ISSN: 2225 – 9686. Greater Amman Municipality.

<http://www.ijaset.com>

-Editorial Board Member of International Journal of Adaptive Infrastructure. ISSN: 1740-2107. Inderscience publishers. <http://www.inderscience.com/jhome.php?jcode=IJ AIS>.

-Member of Jordan Engineering Association

#### **Current membership in professional organizations**

Professor of Industrial and Manufacturing Engineering/ the University of Jordan

#### **Honors and awards**

The Best track paper Award, International Conference on Industrial Engineering and Operations Management Rabat, Morocco, April 11-13, 2017

#### **Service activities (within and outside of the institution)**

- External Examiner for Master of Science Degree in Engineering hosted by different Universities

- Part time lecturer with local universities.

Member of Jordan Engineering Association

-Founder and Member of Jordan Foundry men Association

-Active member of Leading Cultural Forum LCF

#### **The most important publications and presentations**

1. Al-Refaie, A., AL-Tahat, M., & Lepkova, N. (2020). Modelling relationships between agility, lean, resilient, green practices in cold supply chains using ISM approach.

Technological and Economic Development of Economy, 26(4), 675-694.

<https://doi.org/10.3846/tede.2020.12866>

2. Mohammad D. AL-Tahat, Mohammad Al Janaideh, Yousef Al-Abdallat, Mowafaq E. Jabri (2019) Estimation of Fuel Consumption in a Hypothesized Spoke-hub Airline Networks for the Transportation of Passengers. Jordan Journal of Mechanical and Industrial Engineering, Volume 13, Number 2, July. 2019, pp. 75 – 82. [http://jjmie.hu.edu.jo/vol-13-2/jjmie\\_39\\_19-01.pdf](http://jjmie.hu.edu.jo/vol-13-2/jjmie_39_19-01.pdf)

3. Al-Tahat, M.D., Al-Habashneh, A.M. and Jalham, I.S. (2019) A Statistical Comparison of the Implementation of Concurrent Engineering in Jordanian Industry. *Open Journal of Statistics*, 9, 361-372. <https://doi.org/10.4236/ojs.2019.93025>
4. Mohammad D. AL-Tahat, Sami Abusafia (2018). Modeling of a Bernoulli-type data quality control process using hidden Markov chains. *International Journal of Engineering & Technology*, Vol. 7, issue 4, pp 6609-6614.  
<https://www.sciencepubco.com/index.php/ijet/article/view/29392/15799>
5. Mohammad D. AL-Tahat, and Ala'a M. AL-Habashneh (2017). Awareness of industries toward implementing Concurrent Engineering (CE) culture Case Study: Jordanian Industries. *Proceedings of the International Conference on Industrial Engineering and Operations Management Rabat, Morocco, April 11-13, 2017. (The Best track paper Award)*, pp: 1131 - 1140
6. Mohammad D. AL-Tahat, Mohammad Al Janaideh, Sa'ed A. Musmar and Mowafaq E. Jabri, (2016), Assessment of Energy Consumption Effect on the World Passenger Airline Network. *The Journal of Nature Science and Sustainable Technology (JNSST: ISSN: 1933-0324.)*, Vol. 10, Issue 3. , 2016, pp 269-278.
7. Omar Aljanaideh, Mohammad D. AL-Tahat, Mohammad Al Janaideh, (2016), Rate-bias-dependent hysteresis modeling of a magnetostrictive transducer. *Microsystem Technologies*. ISSN: 0946-7076 (Print) 1432-1858. April 2016, Volume 22, Issue 4, pp 883-892. (1st online: 13 May 2015).
8. Abbas Al-Refaie, Ruba Najdawi, Mohammad D. AL-Tahat, Nour Bata (2015), Window Analysis and Malmquist Index for Assessing Efficiency in a Pharmaceutical Industry, *Proceedings of the World Congress on Engineering WCE 2015 Vol I, July 1 - 3, 2015, London, U.K.*

### **The most recent professional development activities**