

Curriculum Vitae

Ahmad Mahmoud Qamar

PERSONAL INFORMATION

Name: Ahmad Mahmoud Qamar
Nationality: Jordanian
Date of Birth: June 8th, 1973
Marital Status: Married
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CURRENT WORK ADDRESS

The Hashemite University
Faculty of Engineering
Industrial Engineering Department
P.O. Box 150459, Zarqa 13115, Jordan
Tel : +962 (5) 3903333
Fax : +962 (5) 3826613
Website: www.hu.edu.jo

EDUCATION

2004-2008

The University of Jordan
Faculty of Engineering and Technology
M.Sc. degree in Industrial Engineering -Management
Date of Graduation: February, 2008
General Rating: 3.69/4.00 (Excellent).
Thesis (M.Sc. in Industrial Engineering): "Simulated annealing and particles swarm optimization hybrids for the minimization of makespan in job shop scheduling". The University of Jordan (Amman, Jordan), Faculty of Engineering, Department of Industrial Engineering, 2007.

1991-1996

The University of Jordan
Faculty of Engineering and Technology
B.Sc. degree in Industrial Engineering
Date of Graduation: June, 1996
General Rating: 3.03/4.00 (Very Good).

EXPERIENCES

Educational Experience

Sept, 2010 - Now

The Hashemite University- Faculty of Engineering
Industrial Engineering Department

Lecturer

Courses Taught include: Engineering Economy, Operations Research, Time and Motion Study, Total Quality Management, Statistical Analysis, Probability and Statistics, and Industrial Engineering Labs.

Jan, 2007- Dec, 2007

The University of Jordan

Teaching Assistant

Assistant in teaching Measurements Lab, and Automation and Control Lab.

Other Experience

Feb, 2008 – Sept, 2010

Intermediate Petrochemicals Industries, Zarka-Jordan
Industrial Engineer (PVC plant): In charge of the factory daily operations: production, material planning, maintenance and quality.

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Other

Experience(Continued)

June, 2002-Nov, 2006

Jerash Garments and Fashions, King Abdullah Industrial Zone, Amman-Jordan, **Head of Logistics Department:** Export and import shipping planning and daily operation, Customs bank guarantee and temporary entry of imports, Commercial agreements value analysis and implementation like FTA (Free Trade Agreement) and QIZ (Qualifying Industrial Zones Agreement).

June, 1998-June, 2001

Boscan International Group, Al-Hassan Industrial Estate, Irbid-Jordan, **Assistant Planning Manager:** Production planning and control, Material planning and Qualifying Product Requests (QPR).

Feb, 1997-June, 1998

Jordan Cement Factories, Rashadiya Plant, Planning and Studies Department, **Planning Engineer:** Production and maintenance planning, also a member of process engineering team which is involved in investigating plant technical and managerial problems and recommending proper solutions.

COMPUTER AND OTHER SKILLS

- Using Microsoft office applications such as Word, Excel and Power point
- Programming using Visual C++.
- Good command of written and spoken English

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PUBLISHED RESEARCH

1. "Jordan Transport Energy Demand Forecasting: The Application of Time Series Technique". International Review of Mechanical Engineering, Jan. 2012. Vol. 6 n. 1, pp. 166-169.
2. "Jordan Transport Energy Demand Modeling: the Application of Adaptive Neuro-Fuzzy Technique". International Review of Mechanical Engineering, Nov. 2011. Vol. 5 n. 7, pp. 1321-1326.
3. "An Intelligent Preventive Maintenance Scheduling in ERP Systems: A Fuzzy Logic Approach", International Journal of Advancements in Computing Technology (IJACT), Dec. 2012. Vol. 4 n. 4, pp 651-661.
4. "Grouping Cell Indicator: A Modified Cell Formation Grouping Measure", Middle-East Journal of Scientific Research, July 2016. Vol. 24 n. 7, pp 2309-2320. [http://www.idosi.org/mejsr/mejsr24\(7\)16/21.pdf](http://www.idosi.org/mejsr/mejsr24(7)16/21.pdf)
5. "Comprehensive grouping efficacy: A new measure for evaluating block-diagonal forms in group technology", International Journal of Industrial Engineering Computations, March 2017. Vol. 9 pp 1-17. http://www.growingscience.com/ijiec/Vol9/IJIEC_2017_10.pdf
6. "Optimization of Plant Layout in Jordan Light Vehicles Manufacturing Company", Journal of The Institution of Engineers (India): Series C. Accepted for publication on 9 March 2020. <https://www.springer.com/journal/40032/>