

Faculty Vitae

Mohammed Othman

Industrial and Mechanical Engineering Department, An-Najah National University, Nablus, Palestine

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CURRENT POSITION

Associate professor, industrial engineering program, An-Najah National University, Palestine

EDUCATION

- Ph.D. Industrial Engineering, Concordia University, QC, Canada, 2012
- M.Sc. Industrial Engineering, Concordia University, QC, Canada, 2008
- B.Sc. Industrial Engineering, An-Najah National University, Palestine, 2002

WORK EXPERIENCE (Academic and non-academic)

- Associate professor at Industrial Engineering Program-ANU, Palestine, 2025– present
- Assistant professor, Mechanical and Industrial Engineering Department-SQU, Oman, 2023 – 2025
- Chairman of Industrial Engineering Department- ANU, Palestine, 2014- 2022
- Assistant professor at Industrial Engineering Department-ANU, Palestine, 2013 – 2022
- Coordinator for master of engineering management, ANU, Palestine, 2013 – 2022

CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS

- Computer Aided Technology (CNC&CAM).

CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

- Industrial Engineering and Operation Management Society.
- Institute of Industrial and Systems Engineers (IISE)
- KOICA Alumni Association in Palestine (KAAP)

INTERPERSONAL AND ORGANIZATIONAL SKILLS

- Chair for IEOM student chapter, Department of Mechanical & Industrial Engineering, Sultan Qaboos University, 2023 – 2024
- Committee member in Block -Funding' Institutional Internal Evaluation (IIEC) – Energy and Industry Sector, 2023 – 2024
- Reviewer for more than 25 scientific journals 2012 – present

COMPUTER SKILLS

- Microsoft Office.
- LINGO for Optimization
- SmartPLS 4 for Statistical Analysis.
- Microsoft Project .
- SolidWorks for Design.
- Data Analysis using Minitab and SPSS.

TRAINING AND PROFESSIONAL DEVELOPMENT

- Workshop on introduction to Python & Machine Learning at Sultan Qaboos University, Muscat, Oman, 28th December 2023.
- Workshop on awareness raising sessions about strategies used for implementing SQU teaching philosophy and teaching and learning methodologies , Center of Excellence in Teaching Learning (CELT) at Sultan Qaboos University, Muscat, Oman, 9th November 2023.

HONORS AND AWARDS

1	2025	Research Production Award, An-Najah National University, Palestine
2	2025	Scientific Publication by High Impact Journals Award, An-Najah National University, Palestine
3	2024-2025	Internal Project Award, Sultan Qaboos University, Muscat, Oman
4	2023-2024	Graduation IR4 Project Award, Sultan Qaboos University, Muscat, Oman
5	2022	The Palestinian Quebec Science Bridge Fellowship Award, Montreal, Canada
6	2020	Scientific Publication by High Impact Journals Award, An-Najah National University, Palestine
7	2019	Scientific Publication by High Impact Journals Award, An-Najah National University, Palestine
8	2019	The Palestinian Quebec Science Bridge Fellowship Award, Montreal, Canada
9	2019	Staff Mobility Award to University of Pamplona, Navarra, Spain
10	2018	Scientific Publication by High Impact Journals Award, An-Najah National University, Palestine
11	2012	Faculty of Graduate Studies, Concordia Accelerator Award Concordia University
12	2011	Faculty of Graduate Studies, Graduate Travel Award Concordia University
13	2010	Teaching fellowship for one semester
14	2005-2007	Hani Qaddumi Scholarship HQSF, Amman, Jordan
15	2005	KOICA International Award, Gongju, South Korea
16	1997-2002	Germany Scholarship, bachelor, An-Najah University, Palestine

COURSES TAUGHT:

<ul style="list-style-type: none">• Operations Management	<ul style="list-style-type: none">• Supply Chain Management (master level)
<ul style="list-style-type: none">• Human Factors and Safety Eng.	<ul style="list-style-type: none">• Project Management (master level)
<ul style="list-style-type: none">• Operations Research	<ul style="list-style-type: none">• Quality Management (master level)
<ul style="list-style-type: none">• Quantitative Methods	<ul style="list-style-type: none">• Production Systems (master level)
<ul style="list-style-type: none">• Facilities Layout and Design	<ul style="list-style-type: none">• Product Development (master level)
<ul style="list-style-type: none">• Engineering Economic	<ul style="list-style-type: none">• Advanced OR (master level)
<ul style="list-style-type: none">• Entrepreneurship and Innovation	<ul style="list-style-type: none">• Ergonomics and Safety (master level)

PUBLICATIONS

- **Othman M. A.**, Kharoub S., Zaid A. A., Jum'a L. (2026), "Unravelling the impact of environmental leadership on sustainable organisational performance in the food manufacturing industry: the mediating role of eco-design". *International Journal of Organizational Analysis*, <https://doi.org/10.1108/IJOA-05-2025-5502>
- Jum'a, L., Zaid, A. A., & **Othman, M.** (2025). Influence of Supply Chain Ambidexterity on Supply Chain Sustainability: The Mediating Role of Green Product Innovation. *Logistics*, 9(3), 87. <https://doi.org/10.3390/logistics9030087>
- Zaid, A.A., **Othman, M.**, Qubbaj, I.S. and Asaad, A.R. (2025), "Does total quality management mediate the relationship between Industry 4.0 and business sustainability in private hospitals?", *International Journal of Quality & Reliability Management*. Vol. 42 No. 5 pp. 1438–1462
- Zaid, A.A., Asaad, A.R., **Othman, M.**, Haj Mohammad, A. (2024). Multi-Objective Technology-Based Approach to Home Healthcare Routing Problem Considering Sustainability Aspects. *Logistics*, 8(3), 75.
- Ghannam, L. W., & **Othman***, **M.** (2024). Development of human resource scheduling model in the healthcare sector during the pandemic. *International Journal of Management Science and Engineering Management*, 19(2), 134–143.
- Ziyadeh, M. W., **Othman, M.**, Zaid, A. A. (2024). Effects of green human resource management on organisational sustainability: The mediating role of corporate social responsibility and organisational citizenship behavior. *International Journal of Organizational Analysis*. 32(2), 357-372
- Ramadan, M., **Othman***, **M.**, (2024). Psychological antecedents of electric vehicle adoption in the West Bank. *Transportation Letters: the International Journal of Transportation Research*, 16(9), 1069-1080.
- Al-Alawneh, R., **Othman***, **M.**, Zaid, A. A. (2024). Green HRM impact on environmental performance in higher education with mediating roles of management support and green culture. *International Journal of Organizational Analysis*. 32(6), 1141-1164.
- Zaid, A., Sleimi, M., Nazzal, M., **Othman, M.** (2023). The mediating roles of knowledge transfer and supply chain quality management capabilities on organizational performance. *Vine Journal of Information and Knowledge Management Systems*. 53(6), 1041-1064,
- Ghannam, L. W., **Othman***, **M.** (2023). Development of a human resource scheduling model in the healthcare sector during the pandemic. *International Journal of Management Science and Engineering Management*, 1-10.
- Hassis, S. M., **Othman, M.**, Saleh, Y. (2023). Impact of total quality management on corporate sustainability in the manufacturing sector: corporate social responsibility as a mediator. *The TQM Journal*, 35(8), 2572-2597.
- Shahbari L. M., ***Othman, M.**: (2021). Assessing green logistics practices in the Palestinian service logistics companies., *International Journal of Logistics Systems and Management*, 38(4), 506-526.
- Hejazi A., Bhuiyan, N., ***Othman, M.** (2020). Development of lean engineering performance measurement model. *Concurrent Engineering: Research and Applications*, 28(3), 198-209.
- Ramadan M., Salah, B., **Othman, M.**, Ayubali, A. A. (2020). Industry 4.0-based real-time scheduling and dispatching in lean manufacturing systems. *Sustainability*, 12(6), 2272.
- Mousa, S. K. and ***Othman, M.** (2020). The impact of green human resource management practices on sustainable performance in healthcare organizations: a conceptual framework, *Journal of Cleaner Production*, 243, p.118595.

REFERENCES: Available upon request.