

## Faculty Vitae

1. **Name:** Mohammed Othman

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

Degree	Discipline	Institution	Year
Ph.D.	Industrial Engineering: <b>Operations Management and Workforce Planning</b>	Concordia University	2012
M.Sc.	Industrial Engineering: <b>Product Design and Human Factors</b>	Concordia University	2008
B.Eng.	Industrial Engineering	An-Najah National University	2002

3. **Academic experience – institution, rank, title (chair, coordinator, etc. if appropriate), when (ex. 1990-1995), full-time or part-time**

Institution	Rank	Title	Period	Full-time or Part-time
An-Najah University	Assistant Professor	---	2025-Present	Full time
Sultan Qaboos University	Assistant Professor	---	2023-2024	Full time
An-Najah University	Assistant Professor	Department Chair	2013-2022	Full time
An-Najah University	Lab Administrator	---	2003-2004	Full time

4. **Certifications or professional registrations**

(a) Computer Aided Technology (CNC&CAM)

5. **Current membership in professional organizations**

(a) Industrial Engineering and Operation Management Society.

(b) Society for Engineering & Management Systems (SEMS)

(c) Institute of Industrial Engineers (IIE)

(d) KOICA Alumni Association in Palestine (KAAP)

6. **Honors and awards**

1	2024-2025	Internal Project Award, Sultan Qaboos University, Muscat, Oman
2	2023-2024	Graduation IR4 Project Award, Sultan Qaboos University, Muscat, Oman
3	2022	The Palestinian Quebec Science Bridge Fellowship Award, Montreal, Canada

4	2020	An-Najah University Award for Scientific Research, Deanship of Scientific Research
5	2019	An-Najah University Award for Scientific Research, Deanship of Scientific Research
6	2019	The Palestinian Quebec Science Bridge Fellowship Award, Montreal, Canada
7	2019	Staff Mobility Award to the University of Pamplona, Navarra, Spain
8	2018	An-Najah University Award for Scientific Research, Deanship of Scientific Research
9	2012	Faculty of Graduate Studies, Concordia Accelerator Award Concordia University
10	2011	Faculty of Graduate Studies, Graduate Travel Award Concordia University
11	2010	Teaching fellowship for one semester
12	2005-2007	Hani Qaddumi Scholarship HQSF, Amman, Jordan
13	2005	KOICA International Award, Gongju, South Korea
14	1997-2002	Germany Scholarship, bachelor, An-Najah University, Palestine

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

1	2024-2025	Chair for IEOM student chapter, CoE, SQU, Oman
2	2023-2025	Committee member in Block -Funding' Institutional Internal Evaluation (IIEC) – Energy and Industry Sector
3	2023-2024	Member of the PAAU committee
4	2023-2024	Member of the Department of Academic Programs Modernization Committee (DAPMC)
5	2019, 2022	Research Fellow at CIRRELT, University of Montréal, Montreal, QC, Canada
6	2012-present	Reviewer for more than 20 scientific journals
7	2013-2022	Coordinator for master of engineering management, An-Najah National University
8	2021	Committee Chair for an accreditation proposal for a Bachelor's degree in Business Intelligence
9	2021	Committee member for an accreditation proposal for a master's degree in business Intelligence and Data Analytics
10	2013	Committee member for Quality Management Course Curriculum for the Master of Sustainability Engineering in Production / KTH University -Sweden

**8. Briefly list the most important publications and presentations from the past five years – title, co-authors if any, where published and/or presented, date of publication or presentation.**

**BOOK CHAPTERS**

- Ziyadeh, M., Othman, M., Zaid, A. (2023). Green Human Resources Management, Corporate Social Responsibility, and Organisational Citizenship Behavior: A Conceptual Model. In: Hamdan, A., Harraf, A., Buallay, A., Arora, P., Alsabatin, H. (eds) From Industry 4.0 to Industry 5.0. Studies in Systems, Decision, and Control, vol 470. Springer, Cham. [https://doi.org/10.1007/978-3-031-28314-7\\_43](https://doi.org/10.1007/978-3-031-28314-7_43)

**JOURNAL PUBLICATIONS**

- Zaid, A.A., **Othman, M.**, Qubbaj, I.S. and Asaad, A.R. (2024), "Does total quality management mediate the relationship between Industry 4.0 and business sustainability in private hospitals?", *International Journal of Quality & Reliability Management*, <https://doi.org/10.1108/IJQRM-03-2024-0084>
- 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. <https://doi.org/10.3390/logistics8030075>
- 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. (Scopus Q1, IF: 4.8) <https://doi.org/10.1080/17509653.2023.2183280> (\*Corresponding author)
- 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 (Scopus Q2, IF: 2.8). <https://doi.org/10.1108/IJOA-11-2022-3506>
- 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 (Scopus: Q2, IF: 2.8) <https://doi.org/10.1080/19427867.2023.2266184> (\*Corresponding author)
- 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. (Impact Factor: 2.8). <https://doi.org/10.1108/IJOA-02-2023-3636> (\*Corresponding author)
- 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*. (Scopus Indexed: Q1; IF: 2.8). 53(6), 1041-1064, <https://doi.org/10.1108/VJIKMS-12-2020-0226>
- Tunsu, W., Abu Tayyoun, R., **Othman, M.**, Saleh, Y., Assaf, R., Bakir, A., Kanan, M., Binsadding, R., Alramahi, N., and Al-Sartawi, A. (2023). Factors influencing Adoption of HR

analytics by individuals and organizations" *Information Sciences Letters*, 12(7), 3193-3204 (Scopus: Q2). <http://dx.doi.org/10.18576/isl/120744>.

- Kanan, M., Abu Dawwas, E., Saleh, Y., **Othman, M.**, Assaf, R., Hamdan, A., and Abu Saq Z. (2023) " An optimization model for a sustainable closed-loop supply chain considering efficient supplier selection and total quantity discount policies" *Uncertain Supply Chain Management*, 11, 1223-1246 (Scopus: Q3) <https://doi.org/10.5267/j.uscm.2023.3.024>
- 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, (Scopus, Q1). <https://doi.org/10.1108/TQM-08-2022-0259>.
- 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. (Scopus: Q2) <https://doi.org/10.1504/IJLSM.2021.114773> (\*Corresponding author)
- Hejazi A., Bhuiyan, N., \***Othman, M.** (2020). Development of lean engineering performance measurement model. *Concurrent Engineering: Research and Applications*, 28(3), 198-209 (Impact Factor: 2.12), <https://doi.org/10.1177/1063293X20958916>. (\*Corresponding author)
- 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, <https://doi.org/10.3390/su12062272> (Impact Factor: 3.89).
- 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, <https://doi.org/10.1016/j.jclepro.2019.118595> (Scopus: Q1, Impact Factor: 11.07) (\*Corresponding author)
- Abu Al Hla, Y., \***Othman, M.**, and Saleh, Y. (2019). Optimizing an eco-friendly vehicle routing problem model using regular and occasional drivers integrated with driver behavior control, *Journal of Cleaner Production*, 234, 984-1001, (Scopus: Q1, Impact Factor: 11.07) <https://doi.org/10.1016/j.jclepro.2019.06.156> (\*Corresponding author)

## 9. Briefly list the most recent professional development activities

- Workshop on transforming Higher Education using Cloud & AI, Center of Information System at Sultan Qaboos University, Muscat, Oman, 21st February 2024.
- Workshop on introduction to Python & Machine Learning at Sultan Qaboos University, Muscat, Oman, 28<sup>th</sup> 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, 9<sup>th</sup> November 2023.