

Name

Abbas Moahmmmed Al-Refaie

Education – degree, discipline, institution, year

PhD– Feng Chia University , Industrial engineering Taichung , Taiwan , Sep 2004 – Aug 2008

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

Professor Of Quality Engineering – Industrial engineer

10-year teaching in the University of Jordan

2-semesters teaching in Duisburg University, German

2-semester part-time in the University of Science and Technology, Jordan

-Joint Research - KTH Royal Institute of Technology, Engineering, Sweden

-Chairman of Industrial Engineering Department - University of Jordan, Department of Industrial Engineering, 2012-2014

- Deputy Dean of Engineering, University of Jordan, 2016-2018.

- Short-term teaching in VGTU/Lithuania, 2019

- Short-term teaching, PUAS University, Greece, 2018

- Short-term teaching in Cyprus University, 2017

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

- Production engineer in a paper printing company, 1995-1996. Planning and controlling production of printed papers, implementing ISO9001, and developing production lines.
- Production planner in a wood industry, 1997-1999. Planning production and procurement orders for manufacturing lines. Manage the assembly and shipping department.
- Technical Manager, 2002-2004 in a metal working company. Developing production lines, commissioning new production lines, and improving lines performance.

Certifications or professional registrations

Jordan Association of Engineers

Current membership in professional organizations

Jordan Association of Engineers

Association of International Engineers

Honors and awards

- Aramex Award for graduation projects

- Award: The Distinguished researcher award 2012, 2013

- The supervision of the best graduation project in Jordan in 2014, 2016, 2017, 2018

- 2018 Ali Mango Award for Distinguished researcher in Science in Jordan.

- Letter of Appreciation for distinguished research in the University of Jordan, 2020.

Service activities (within and outside of the institution)

Short-term teaching in international Universities

Funded research projects

Reviewer for international journals

Administration positions in the University of Jordan

Department and School committees

The most important publications and presentations

- Abbas Al-Refaie et al. (2020). Modeling relationships between agility, lean, resilient, green practices in cold supply chains using ISM APPROACH. DOI: <https://doi.org/10.3846/tede.2020.12866>

- A Al-Refaie, H Al-Shalaldeh, N Lepkova (2020). Proposed procedure for optimal maintenance scheduling under emergent failures. *Journal of Civil Engineering and Management*, 26(4): 396-409.
- Al-Refaie et al. (2019). Lean and agile practices to improve the performance of filling process via simulation and data envelopment analysis. *SN Applied Sciences*, 1(9), DOI: 10.1007/s42452-019-1199-4.
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- Al-Refaie et al. (2019). DEA window analysis for assessing efficiency of blistering process in a pharmaceutical industry. *Neural Computing & Applications*, 31(8): 3703-3717. DOI: 10.1007/s00521-017-3303-2.
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- Al-Refaie, A and Musallam, A (2019). Using mixed goal programming to optimize performance of extrusion process for multiple responses of irrigation pipes. *Proceedings of the Institution of Mechanical Engineers Part E-Journal of Process Mechanical Engineering*, 233(2): 412-424. DOI: 10.1177/0954408918781624.
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- Al-Refaie et al. (2019). A fuzzy goal programming-regression approach to optimize process performance of multiple responses under uncertainty. *International Journal of Management Science and Engineering Management*, 14(1): 20-32. DOI: 10.1080/17509653.2018.1467802
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- Abbas Al-Refaie, Mays Judeh, Ming-Hsien Li: Optimal Fuzzy scheduling and sequencing of multiple-period operating room. *Artificial intelligence for engineering design analysis and manufacturing* 04/2017, DOI:10.1017/S089006041700026.
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- Abbas Al-Refaie, Abu Ghazaleh Y., Li MH: Optimizing performance of oil filling processes using fuzzy goal programming. *ARCHIVE Proceedings of the Institution of Mechanical Engineers Part E Journal of Process Mechanical Engineering 1989-1996 (vols 03/2017;*, DOI:10.1177/0954408917698847.
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- Abbas Al-Refaie, Dwair R., Li MH: Optimizing performance of Rigid polyurethane foam using FGP models. *Journal of Ambient Intelligence and Humanized Computing* 02/2017;, DOI:10.1007/s12652-016-0441-9.
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- Abbas Al-Refaie: Barriers to E-Government Adoption in Jordanian Organizations from Users' and Employees' Perspectives. *International Journal of Electronic Government Research* 01/2017; 13(1)., DOI:10.4018/IJEGR.2017010103.
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- Abbas Al-Refaie: Optimal multiple-period scheduling and sequencing of operating room and intensive care unit. *Operational Research* 01/2017;, DOI:10.1007/s12351-016-0287-0.
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- Mohammed Shurrab, Abbas Al-Refaie, Nabeel Mandahawi, Shorouq Shurrab: A Decision Making using Data Envelopment Aggressive Formulation and Theory of Constraints to Enhance the PVC Production Line Performance. *International Journal of Industrial and Systems Engineering* 01/2017.
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The most recent professional development activities

- Recognition Certificate from the University of Jordan for the Research Contribution in

enhancing University Rank to international levels.

- Ali Mango Award for distinguished researcher in Science in Jordan for years 2014-2018.
- Award for the supervision of the Graduation project that won the first rank. Jordan Association of Engineers, 2018.
- Teaching and Training in international Universities such as Malaysia, Cyprus, Greece, Lithuania.
- Attending international conferences; UK, Italy, Bulgaria, Poland, Turkey.
- Reviewer in International journals and conferences
- Conducting funded research projects, KTH-Sweden; Duisburg-Germany, PUAS, Greece, VGTU.