Instructor Name

Dr. Malek Khalef Salem AL-Buzirat
Industrial Systems Engineering Department, Mutah University
Tel. 00962795339827
Dr.malekkhalaf@gmail.com
malekks@mutah.edu.jo

DEGREES:

Degree	Discipline	Institution	Year
B.Sc.	Mathematics and Statistics	Mutah University, Jordan	2003
B.Sc.	Industrial Systems Engineering	Mutah University, Jordan	2013
M.Sc.	Industrial Systems Engineering	Universiti Malaysia Perlis	2015
Ph.D.	Industrial Systems Engineering	Universiti Malaysia Perlis	2019

ACADEMIC EXPERIENCE:

Institution	Rank	Title	Dates Held	FT/PT
Industrial Systems Engineering Department, College of Engineering, Mu'tah University, Jordan	Assistant Professor	Dr	2021 - Now	FT
Universiti Malaysia Perlis	Post-Doctoral	Researcher	2020-Now	PT
Ministry of Education	Teacher	Teacher	2005-2009	FT

NON- ACADEMIC EXPERIENCE:

Organization	Title	Duties	Dates Held	FT/PT
Malaysian University Graduates Association in Jordan	President	Establishment of the association/management of the association	2020 - Now	PT
Artificial Intelligence Association	President	Establishment of the association/management of the association	2020 - Now	PT

MEMBERSHIP IN PROFESSIONAL REGISTRATIONS:

Jordan Engineering association, 2013-now.

SERVICE ACTIVITIES IN LAST FIVE YEARS:

Editor in Chief of International Journal of Multidisciplinary Sciences and Advanced Technology (2020 -2021).
Editor in Chief of International Journal Engineering and Artificial Intelligence (2020-2021)
Editor in Chief Jordan AI Initiative (2020-2022).
Researcher in: Energy, Artificial Intelligence, Engineering Management (2017-Now)

PUBLICATIONS AND PRESENTATIONS FOR THE PAST YEARS:

No	الأبحاث Research
1	Albzeirat, M. K., Hussain, M. I., Ahmad, R., Al-Saraireh, F. M., & Ahmad, I. (2018). A novel mathematical logic for improvement using lean manufacturing practices. *Journal of Advanced Manufacturing Systems*, *17*(03), 391-413.
2	Albzeirat, M. K., Hussain, M. I., Ahmad, R., Al-Saraireh, F. M., Salahuddin, A., & Bin-Abdun, N. (2018). Applications of Nano-Fluid in Nuclear Power Plants within a Future Vision. *International Journal of Applied Engineering Research*, *13*(7), 5528-5533.
3	Malek, A. K., Muhammad, H. I., Rosmaini, A., Falah, A. M., Alaa, A. S., Nazih, A. A., & Ibrahim, F. I. E. (2018, November). Applications of lean manufacturing practices in power plants within a future vision. In *AIP Conference Proceedings* (Vol. 2030, No. 1, p. 020098). AIP Publishing LLC.
4	Albezuirat, M. K., Al-Saraireh, F. M., Hussain, M. I., & Ahmad, R. (2018). Jordan Energy Sector Choices and Challenges. *SEISENSE Journal of Management*, *1*(5), 16-37.
5	Albezuirat, M. K., Ahmad, R., Hussain, M. I., Al-Saraireh, F. M., & Albzeirat, A. K. (2019). Employment of Set Operations to Improve LMP Assessments Design and Implementation. *SEISENSE Journal of Management*, *2*(1), 33-46.
6	Alaa, A. S., Shaiful, A. I. M., Zain, Z. M., & Malek, A. K. (2018, November). Impact of sustainable lean manufacturing (LM) on organizational performances. In *AIP Conference Proceedings* (Vol. 2030, No. 1, p. 020060). AIP Publishing LLC.
7	Fadhel, I. E. I., Idrus, S. Z. S., IBRAHIM, A., Omar, M., Baheshwan, F., Albzeirat, M. K., & Albzeirat, S. K. (2018, June). Measuring System Success In New Context By Adapting DM 2003 Framework With The External Factor Management Support. In *Journal of Physics: Conference Series* (Vol. 1019, No. 1, p. 12003).
8	Alaa, A. S., Shaiful, A. I. M., Zain, Z. M., & Malek, A. K. (2018, November). Variable value stream mapping: Development of a conceptual model. In *AIP Conference Proceedings* (Vol. 2030, No. 1, p. 020059). AIP Publishing LLC.
9	Bin-Abdun, N. A., Razlan, Z. M., Shahriman, A. B., Voon, C. H., Wan, W. K., Zunaidi, I., ... & Rani, M. F. H. (2018, September). The Comparison between the Performance of Water and CuO/Water nanofluid in Improving the Heat Transfer of Small Spaces. In *IOP Conf. Series: Materials Science and Engineering* (Vol. 429, p. 012073).
10	Bin-Abdun, N. A., Razlan, Z. M., Shahriman, A. B., Voon, C. H., Wan, W. K., Zunaidi, I., ... & Isa A, M. (2018). The Effects of Nanofluid (Al 2 O 3/De-ionized Water) with Different Concentrations in Improving the Transportation of heat in Small Space. *MS&E*, *429*(1), 012074.
11	Albzeirat, M. K., Hussain, M. I., Ahmad, R., Salahuddin, A., Al-Saraireh, F. M., & Bin-Abdun, N. (2018). Literature review: Lean manufacturing assessment during the time period (2008-2017). *International Journal of Engineering Management*, *2*(2), 29-46.

12	Albzeirat, M., Zulkepli, N., & Qaralleh, H. (2020). A vision to face Covid-19 pandemic and future risks through artificial intelligence. *Journal of basic and applied Research in Biomedicine*, *6*(1), 15-20.
13	Albzeirat, M. K., Al-Tarawneh, M. S., Khalid, N., Zulkepli, N. N., & Islam, D. M. Z. (2020). COVID-19 Story The Unknown Killer and Future Studies. *International Journal of Multidisciplinary Sciences and Advanced Technology. Special Issue Covid-19*, *1*(1), 1-18.
14	Bin-Abdun, N. A., Razlan, Z. M., Bakar, S. A., Voon, C. H., Wan, W. K., Zunaidi, I., Albzeirat, M. K., ... & Noriman, N. Z. (2019, June). Comparison Between Performance of De-ionized Water and Al2O3/De-ionized Water on Enhancing the Transportation of Heat in Small Space. In *IOP Conference Series: Materials Science and Engineering* (Vol. 557, No. 1, p. 012051). IOP Publishing.
15	Bin-Abdun, N. A., Razlan, Z. M., Bakar, S. A., Voon, C. H., Wan, W. K., Zunaidi, I., Albzeirat, M. K., ... & Noriman, N. Z. (2018, Dec). Experimental Study on CuO/Distilled Water Nanofluid Cooling System. In *Conference: THE 1ST INTERNATIONAL CONFERENCE ON MECHANICAL ELECTRONICS & BIOSYSTEM ENGINEERING 2018 (MEBSE 2018)*..
16	Hussain, M. I., Albzeirat, M. K., Ahmad, R., Dewan, I., Khalid, N., & Zulkepli, N. N. Explore Workplace Wastes, Source of Wastes, and Selecting Appropriate Lean Manufacturing Practices in Thermal Power Plants*. International Journal of Engineering and Artificial Intelligence* Volume 1, NO 1 (2020) pp. 44-85**.**
17	Albzeirat, M. K., Suffer, K. H., & Zulkepli, N. N. Future Vision for Application Artificial Intelligent in Solar Energy. *International Journal of Engineering and Artificial Intelligence* Vol 1 No 2 (2020) 33–43**.**
18	Albzeirat, M. K., Al-Tarawneh, M. S., Khalid, N., Zulkepli, N. N., & Islam, D. M. Z. (2020). COVID-19 Story The Unknown Killer and Future Studies. *International Journal of Multidisciplinary Sciences and Advanced Technology. Special Issue Covid-19*, *1*(1), 1-18.
	RG Score 9.03 in Research Gate 01 / 04/ 2021. https://www.researchgate.net/profile/Malek_Albezuirat **Index in Google Scholar CNO. Citations 52**