

CURRICULUM VITAE

Emad Summad

EDUCATION

PhD – Durham University, England 2001
PGCE – University of Leicester, England 2006

RESEARCH

1. Innovation Ecosystem Orchestration Mechanisms
2. Partner Selection for Open Innovation

TEACHING

1. **MEIE1001** – Social Innovation
2. **MEIE3281** – Probability and Statistics for Engineering
3. **MEIE5233** – Maintenance and Reliability Engineering
4. **MEIE5251** – Agent-Based Modeling
5. **MEIE5288** – Innovation and Entrepreneurship

UNIVERSITY ADMINISTRATION AND COMMITTEES

1. Continuous Assessment and Evaluation Committee
–Industrial Eng. Program (CAEC-IE)
2. Final Year Project (FYP) Coordinators
3. IE Student Society Advisor
4. Academic Advising Committee
5. Peer Review of Teaching Managing Committee

RECENT PUBLICATIONS

1. **Summad, E.**, Al-Kindi M., Ouhmidou, I. M., Al-Kindi A., An Agent-based Modeling Approach for Effective Innovation Ecosystem Orchestration. The 13th Annual International Conference on Industrial Engineering and Operations Management, March 6-9, 2023, Virtual, De La Salle University (DLSU), Manila. Philippines.
2. Alfahdi, K., Gultekin, H., **Summad, E.**, Enhancing Unplanned Maintenance Priorities Using Artificial Neural Networks: Case Study from Oman Oil & Gas Industry. Proceedings – 12th Annual Istanbul Conference on Industrial Engineering and Operations Management, IOEM 2022 - Virtual, Türkiye.
3. **Summad, E.**, Al-Kindi M., Al-Hinai, N., Shamsuzzoha, A., Piya, S., The application of Agent-based Modelling for the diffusion of innovation research: A

Case Study. International Journal of Business Innovation and Research, DOI: 10.1504/IJBIR.2021.10039243

4. Ouhmidou, I. M., Bait Kulaib, G. Q., **Summad, E.**, Modelling and optimizing hospital emergency department workflow. Proceedings of the 5th NA International Conference on Industrial Engineering and Operations Management, IOEM 2020 - Virtual, United States.
5. Al-Kindi, M., Shamsuzzoha, A., **Summad, E.**, Generalization Model for Product Development Time in various Market Properties. Proceedings of the 9th International Conference on Industrial Engineering and Operations Management, Bangkok, Thailand, March 5-7, 2019.
6. **Summad, E.**, Al-Kindi, M., Piya, S., Towards a Knowledge-Based Economy: Realizing Innovation and Human Capital Potential. Proceedings of 28th Arab Engineering Conference, Muscat, Sultanate of Oman, December 11-13, 2018.
7. **Summad, E.**, Al-Kindi, M., Shamsuzzoha, A., Piya, S., and Ibrahim, M. K., A Framework to Assess a Knowledge-Based Economy: Special Focus to Higher Educational Institutions. Proceedings of 2nd European Conference on Industrial Engineering and Operations Management, Paris, France, July 26-27, 2018.
8. **Summad, E.**, Al-Kindi M., and Shamsuzzoha, A., Innovation Diffusion: Application of Agent-Based Modelling and Simulation in a Case Company in Sultanate of Oman. Proceedings of the 8th International Conference on Industrial Engineering and Operations Management, Bandung, Indonesia, March 6-8, 2018.
9. Shamsuzzoha, A., Al-Kindi M., and, **Summad, E.**, Measurement of Innovation Performance in Selected industries in Sultanate of Oman. Proceedings of the 8th International Conference on Industrial Engineering and Operations Management, Bandung, Indonesia, March 6-8, 2018.