

Curriculum Vitae

Dr. Mohammad Miftaur Rahman Khan Khadem

Academic Rank: ASSOCIATE PROFESSOR

Specialization: Industrial Engineering

Research Interest: Manufacturing system (Performance evaluation), Ergonomics, Occupational Health and Safety, Supply Chain Management, Lean Manufacturing etc.

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SCOPUS PROFILE

<https://www.scopus.com/authid/detail.uri?authorId=10939376600>

GOOGLE SCHOLAR <https://scholar.google.com/citations?user=4GKltrQAAAJ&hl=en>

EDUCATION:

- PhD in Industrial Engineering, University of Wisconsin –Milwaukee, USA, 2004
- MSc in Mechanical Engineering, University of South Alabama, Mobile, USA, 2001
- BSc in Mechanical Engineering, Khulna University of Engineering and Technology, Bangladesh, 1997

Employment History

January 2021 – present, University of Sharjah, Associate Professor

- May 2019 – 2020, Sultan Qaboos University, Oman, Associate Professor
- February 2006 – May 2019, Sultan Qaboos University, Oman, Assistant Professor
- September 2005 – December 2005, Sultan Qaboos University, Oman, Visiting Consultant
- Sep 2004– Aug 2005 North South University, Bangladesh, Assistant Professor

Professional Activities:

1. Member of the Board of Directors of Industrial Engineering and Operations Management Society (IEOM Society), USA
2. General Chair, 1st International conference on Industrial Engineering and Operations Management (IEOM 2010) held in Dhaka, Bangladesh Jan 9-10, 2010.

3. General Chair, 2nd International conference on Industrial Engineering and Operations Management (IEOM 2011) held in Kuala Lumpur, Malaysia, Jan 22-24, 2011. www.iieom.org/ieom2011.html
4. Program Chair, 3rd International conference on Industrial Engineering and Operations Management (IEOM2012), Istanbul, Turkey, July 3-5, 2012. www.iieom.org/ieom2012.html
5. Conference Chair, 1st International Conference on Information, Operations Management and Statistics (ICIOMS2013), Kuala Lumpur, Australia, Sep. 1-3, 2013.
6. Program Chair, 4th International conference on Industrial Engineering and Operations Management (IEOM2014), Bali, Indonesia, January 6-9, 2014. www.iieom.org/ieom2014.html
7. Program Chair, 5th International conference on Industrial Engineering and Operations Management (IEOM2015), Dubai, UAE, March 3-5, 2015. <http://iieom.org/ieom/committee/>
8. Program Chair, 6th International conference on Industrial Engineering and Operations Management (IEOM2016), Kuala Lumpur, Malaysia 2016. http://ieomsociety.org/ieom_2016/committee.html
9. Program Chair, IEOM Detroit Conference, Lawrence Tech university Campus, Southfield, MI, USA, Sep 23-25 2016. <http://ieomsociety.org/ieomdetroit2016/committee.html>
10. Program Chair, 7th International conference on Industrial Engineering and Operations Management (IEOM2017), Rabat, Morocco April 11-13, 2017. <http://www.xcdsystem.com/ieom/2017Annual/committee.html>
11. Program Chair, 3rd EU International conference on Industrial Engineering and Operations Management (IEOM2019), Pilsen, Czech Republic, July 23-26, 2019. <http://ieomsociety.org/pilsen2019/committee/>
12. Program Chair, 9th International conference on Industrial Engineering and Operations Management (IEOM2019), Bangkok, Thailand, March 5-7, 2019. <http://ieomsociety.org/ieom2019/committee/>

Reviewer for Refereed International Journals:

1. International Journal of Industrial Ergonomics (Elsevier)
2. International Journal of European Operations Research(Elsevier)
3. International Journal of System and Ethics (Emerald)
4. International Journal of Industrial and System Engineering (Inderscience)
5. International Journal of Advance Operations Management
6. The Journal of Engineering Research (SQU Engineering Journal)
7. Interactive Learning Environments journals (Emerald)

Professional Membership

1. Member INFORMS
2. Member of APICS
3. Fellow IEOM society
4. Member of ASEE

Selected Research Projects:

1. Modeling, Simulation and Optimization of Job Shop Manufacturing System (\$9350), Sultan Qaboos University (2007-2009).
2. Occupational Health and Safety Issues Affecting Worker Performance in Omani Industries, (\$240640), TRC Grant, Oman 2010-2014.
3. Facility Layout Design for Voltamp Transformer in Muscat, Oman, (\$8200), Industrial Innovation Center and Voltamp Project, Oman, 2011.
4. A Statistical Analysis on Supply Chain Management Performance: Case Study of the Omani Industries, (\$20500), SQU, 2012-2014.
5. Statistical Investigation of the Economic Impact of Building a Tanning Industry in Oman, RO 2,272 SQU 2016-2018.

Selected Publications:

1. Piya, S., Shamsuzzoha, A., **Khadem, M.** (2022): Analysis of supply chain resilience drivers in oil and gas industries during the COVID-19 pandemic using an integrated approach, *Applied Soft Computing*, Vol 121, 2022, <https://doi.org/10.1016/j.asoc.2022.108756>
2. Piya, S., Shamsuzzoha, A., **Khadem, M.**, and Al Kindi, M.(2020): Integrated analytical hierarchy process and grey relational process analysis approach to measure supply chain complexity: *Benchmarking: An International journal*, **DOI: 10.1108/BIJ-03-2020-0108**
3. Piya, S., Shamsuzzoha, A., **Khadem, M.**, and Al Hinai, N.(2020): Identification of Critical Factors and Their Interrelationships to Design Agile Supply Chain: Special Focus to Oil and Gas Industries. *Global Journal of Flexible Systems Management*, Vol 21 No 3 p:263–281, <https://doi.org/10.1007/s40171-020-00247-5>
4. Sujana Piya, Ahm Shamsuzzoha & **Mohammad Khadem** (2020): An approach for analysing supply chain complexity drivers through interpretive structural modelling, *International Journal of Logistics Research and Applications*, vol 23 no 4, p311-336, **DOI: 10.1080/13675567.2019.1691514 , IF=2.828, Q1**

5. M. Al-Siyabi, **M. Khadem**, A. Alnuaimi and K. Alzebdeh (2019): Cost Estimation Practices Prevalent in Construction Projects in Oman, *The Journal of Engineering Research*, Vol 16(2) p 115-129.
6. Al-Mamun, A., Ahmad, W., Baawain, M. S., **Khadem, M.**, & Dhar, B. R. (2018). "A Review of Microbial Desalination Cell Technology: Configurations, Optimization and Applications", *Journal of Cleaner Production*. Vol 183 P 458-480. DOI: 10.1016/j.jclepro.2018.02.054 (**Index in Web of Science, IF 5.651**). (Elsevier) **Q1**.
7. Hossain, M. Z, and **Khadem, M. M**, Al Mawali, N. R., and Al Hajri, A.S. (2018). "Customer Integration and Supply Management Performance of Small and Medium Enterprises in Oman", *International Journal of Economics and Research*. Vol. 9 (1) P 45-54.
8. **Khadem, M.** Piya, S. and Shamsuzzoha, A. (2018), "Quantitative Risk Management in Gas Injection Project: A Case Study from Oman Oil and Gas Industry", *Journal of Industrial Engineering International*, Vol. 14 No 3 P 637-654. doi: 10.1007/s40092-017-0237-3 (**Scopus indexed, IF 1.207**). (Springer) **Q1**
9. Ali, A., **Khadem, M.**, and Santini, N. (2018), WIP Reduction and Standardization Using Kanban Supplier System, *International Journal of Industrial Engineering and Management Science*, Vol 5 No 1 PP 65-71.
10. Rahman. S. and **Khadem, M.** (2018), "Decision of Court Case based on Hypothesis Testing", *International Journal of Business, Economics and Law*, Vol. 16, Issue 5.
11. Piya, S., Shamsuzzoha, A., **Khadem, M.** and Al-Kindi, M. (2017), "Supply chain complexity drivers and solution methods", *International Journal of Supply Chain Management*, Vol 6, No 4 P. 43-50. (**Scopus indexed**).
12. Khan, S., **Khadem, M.**, and Piya, S. (2017), Teaching Statistics to Engineering Students – An Australian Experience of Using Educational Technologies, *Sultan Qaboos University Journal for Science*, Vol 22 No 2 P 120-126. doi:10.24200/squjs.vol22iss2pp120-126.
13. **Khadem, M.**, Shamsuzzoha, A., & Piya, S. (2017). Optimization Modeling of a Poultry Industry Supply Chain Network. *International Journal of Supply Chain Management*, 6(2), 27-32. (**Scopus indexed**).
14. **Khadem, M.**, and Islam, M. A.(2017), Anthropometric study of Omani female population age between 15–57 years in 2014, *International Journal of Industrial and System Engineering*. Vol 26, No 4, PP 527-548. DOI: 10.1504/IJISE.2017.10005712. (**Scopus indexed, IF 0.648**)
15. Rahman, M.A., **Khadem, M.**, and Sarder, M.D, (2017), RFID Application in Supply Chain Systems, *International Journal of Industrial Engineering and Management Science*, Vol 4 No 2 pp 54-60.
16. Islam, M. A., **Khadem, M.**, & and Alauddin, Md.(2017), Developing a Regression Model to Assess the Relationship Between Customer Satisfaction and Service Quality, *International Journal of Industrial Engineering and Management Science*, Vol 4 No 1 pp 43-49.

17. Piya, S., **Khadem, M.**, and Shamsuzzoha, A.(2016), Negotiation based decision support system for order acceptance, *Journal of Manufacturing Technology Management*, Vol 27, No 3 Page 443-468. **DOI: 10.1108/JMTM-04-2015-0023 (Web of Science indexed, IF 2.194).** Emerald. **Q1**
18. **Khadem, M.**, & Islam, M. A. (2014). Development of anthropometric data for Bangladeshi male population. *International Journal of Industrial Ergonomics*, 44(3), 407-412. DOI: 10.1016/j.ergon.2014.01.007 (**Web of Science indexed, IF1.429**) Elsevier. **Q1**
19. **Khadem, M. M. R. K.**, Al Farsi, D., & Islam, M. A. (2014). Anthropometric data of Omani male population of age group 18–60. *International Journal of Industrial and Systems Engineering*, 16(4), 523-536. (**Scopus indexed, IF0.648**). DOI: 10.1504/IJISE.2014.060657 (Inderscience). **Q2**
20. Islam, M. A., & **Khadem, M. M. R. K.** (2013). Productivity determinants in Oman construction industry. *International Journal of Productivity and Quality Management*, 12(4), 426-448. (Scopus indexed). doi: 10.1504/IJPQM.2013.056736 (**Scopus indexed , Q2**)
21. Islam, M. A., **Khadem, M.**, & Sayem, A. (2012). Service quality, customer satisfaction and customer loyalty analysis in Bangladesh apparel fashion retail: an empirical study. *International Journal of Fashion Design, Technology and Education*, 5(3), 213-224. (Scopus indexed). Doi: 10.1080/17543266.2012.723754 (**Scopus indexed, IF 0.536**). Taylor and Francis. **Q1**
22. Ali, M., Islam, Q. M., and **Khadem, M.** (2011), *Physics of Breakup in liquid column and sheet*, The Journal of Engineering Research(TJER), v 8, n 2, (2011) pp 59-65. (**Scopus indexed**).
23. **Khadem, M.**, Ali, A., and Seifoddini, H. (2008), Efficacy of Lean Metrics in Evaluating the Performance of Manufacturing system, *International Journal of Industrial Engineering-Theory, Application and Practice*, Vol 15 no 2, p (176-184) 2008. (**Scopus indexed IF 0.594**). [citation No. 39], **Q2**

REFEREED CONFERENCE PUBLICATIONS

- [C1] **Mohammad Khadem**, Sara Alnaqbi, Fatima Alzarouni, Dina Al Sowadi and Rawan Kittaneh, “Musculoskeletal Risks for using Smart Devices in Online Study of University Students”, Proceeding of the 12th IEOM International conference, Istanbul, March 7-10, 2022.
- [C2] Maitha AlSuwaidi and **Mohammad Khadem**, “Evaluating Factors Affecting Construction Safety Performance In Sharjah During Pandemic (COVID-19)” , Proceeding of the 12th IEOM International conference, Istanbul, March 7-10, 2022.
- [C3] Ibtihaj Al-Harrasi, and **Mohammad Khadem (2019)**, Ergonomics Effects of Arid Environment in Human Performance, *Proceedings of the 1st GCC International Conference on Industrial Engineering and Operations Management*, Riyadh, Saudi Arabia, November 26-28, 2019
- [C4] Awad Al., **Khadem, M.**, Piya, S., (2019), Estimating people stature based on Hand Length and Width: a case of Omani people, *Proceedings of the 9th International Conference on Industrial Engineering and Operations Management*. Volume 2019-March, 2019, Bangkok; March 6-9, 2019

- [C5] Ahshan, R., Sohel, KMA, **Khadem, M.**, and Al-Mamun, A., (2018), Using Mobile Phone in Classroom Teaching and Learning for Engineering Students: A Case Study, *Proceedings of the 28th Arab Engineering Education Conference 2018*, 11-13 December 2018, Muscat.
- [C6] Shamsuzzoha, A., Piya, S., Taukiruzzaman, M. and **Khadem, M.** (2018), “Modular Product Development – Identification of the Driving Factors by Interpretive Structural Modelling”, *Proceedings of the International Conference on Industrial Engineering and Operations Management, Washington DC, USA, September 27-29, 2018. (Scopus index)*
- [C7] Rahman, M.S., Oukil, A., and **Khadem, M.**, (2018), Estimation of economic loss due to the absence of tanning industry in Oman, *Proceedings of the Sydney International Business Research Conference 2018*, Sydney; Australia; March 25-26, 2018.
- [C8] Shamsuzzoha, A., **Khadem, M.**, Piya, S., (2018), Study to design and develop an entrepreneur model: Perspectives from tannery industry in Oman, *Proceedings of the 8th International Conference on Industrial Engineering and Operations Management*. Volume 2018-March, 2018, Pages 2553-2563 Bandung; Indonesia; March 6-9, 2018. **(Scopus index)**
- [C9] Al-Harrasi, A., Al-Ajmi, M., Al-Shidhani, M., Abu-Saidi, M., **Khadem, M.**, Shamsuzzoha, A. and Piya, S. (2017), “Modeling supply chain network for a poultry industry in Oman: a case study”, *Proceedings of the 7th International Conference on Industrial Engineering and Operations Management, Rabat, Morocco, April 11-13, 2017. (Scopus index)*
- [C10] Piya, S., Shamsuzzoha, A., **Khadem, M.**, (2016), Identification of critical factors and their interrelationships to measure supply chain agility level: cases from Omani oil and gas industries, *Proceedings of the Thirteenth International Conference on Industrial Management*, Hiroshima, Japan, September 21-23, 2016.
- [C11] **Khadem, M.** (2016), Occupational Health & Safety Issues Affecting Worker Performance in Omani Industries, *Proceedings of the 2016 International Conference on Industrial Engineering and Operations Management*, Kuala Lumpur, March 8-10, 2016. **(Scopus index)**
- [C12] Shamsuzzoha, A., Kindi, M.A., **Khadem, M.**, Helo, P., Sandhu, M. (2016), Open innovation through virtual business network: Perspective from small and medium enterprise, *Proceedings of The 2016 International Conference on Industrial Engineering and Operations Management, Detroit, Michigan, USA, September 23-25, 2016 (Scopus index)*
- [C13] **Khadem, M.**, Islam, Md. A., and Al Kindi, M. (2014), A Review on Occupational Health and Safety Risks in Micro and Small-scale Enterprises (MSEs) in Oman , *Proceedings of the 2014 International Conference on Industrial Engineering and Operations Management*, Bali, Indonesia, Jan. 7-9, 2014. **(Scopus index)**
- [C14] Al Hinai, N., **Khadem, M.**, and Al Kindi, M.(2014), Improve the Health Care service and Patients flow at Ophthalmology Clinic at Sultan Qaboos University Hospital using Six Sigma, *Proceedings of the 2014 International Conference on Industrial Engineering and Operations Management*, Bali, Indonesia, Jan. 7-9, 2014.
- [C15] Hossain, M., and **Khadem, M.** (2014), Relationship between Supplier Integration and Supply Management Performance of Small and Medium Enterprises in Oman, *Proceedings of the 2014*

International Conference on Industrial Engineering and Operations Management, Bali, Indonesia, Jan. 7-9, 2014.

- [C16] Shamsuzzoha, A., Hao, Y., Helo, P., and **Khadem, M.** (2014), Dashboard User Interface for Measuring Performance Metrics: Concept from Virtual Factory Approach, *Proceedings of the 2014 International Conference on Industrial Engineering and Operations Management*, Bali, Indonesia, Jan. 7-9, 2014. [citation No. 2]
- [C17] Shamsuzzoha, A., Helo, P., and **Khadem, M.** (2013), Smart process monitoring and management in a distributed manufacturing system: indexed towards virtual factory, *Proceedings of the 2013 International Conference on Information, Operations Management and Statistics (ICIOMS2013)*, Kuala Lumpur, Malaysia, September 1-3, 2013. [citation No. 1]
- [C18] **Khadem, M.** and Islam, Md. A. (2012) A Restorative Safety Model for Micro and Small Enterprises, *Proceedings of the 2012 International Conference on Industrial Engineering and Operations Management*, Istanbul, Turkey, July 03-06, 2012.
- [C19] Mukaddes, A. M. M., Choudhry, N.F. A., **Khadem, M.** and Ali, A. (2012), CNG Refueling Station Distribution on the Intra and Intercity Networks: A Challenge for Energy Efficient Green Highway, *Proceedings of the 2012 International Conference on Industrial Engineering and Operations Management*, Istanbul, Turkey, July 03-06, 2012.
- [C20] **Khadem, M.** Abbas Al Belushi, Jaifar Al Mazroui, Majid Al Harthy, and Zahir Al Hashmi (2011), Transformation to Lean Production system of a Water Heater company in Oman, *Proceedings of the 2011 International Conference on Industrial Engineering and Operations Management*, Kuala Lumpur, Malaysia, January 22- 24, 2011.
- [C21] Shikdar, A., Garbie, I., and **Khadem, M.** (2011), Development of a Smart Workstation for an Assembly Task, *Proceedings of the 2011 International Conference on Industrial Engineering and Operations Management*, Kuala Lumpur, Malaysia, January 22- 24, 2011. [citation No. 10]
- [C22] Mukaddes, A. M. M., **Khadem, M.**, Ali, A., and Shah, S. K. (2011), Developing an Employee Information System for Information Management in a Garment Industry, *Proceedings of the 2011 International Conference on Industrial Engineering and Operations Management*, Kuala Lumpur, Malaysia, January 22- 24, 2011.
- [C23] Islam, M. A., **Khadem, M.**, & and Alauddin, Md. (2011), An Empirical Assessment of the Relationship Between Service Quality and Customer Satisfaction in Fashion House, *Proceedings of the 2011 International Conference on Industrial Engineering and Operations Management*, Kuala Lumpur, Malaysia, January 22- 24, 2011. [citation No. 11]
- [C24] Ali, A., and **Khadem, M.**, (2010) Kanban Supplier System as a Standardization Method, *Proceedings of the International Conference on Industrial Engineering and Operations Management (IEOM 2010)*, Dhaka, Bangladesh Jan.9-10, 2010.
- [C25] Shikdar, A., **Khadem, M.**, Al-Harthy, S. (2008), An Ergonomics Intervention Study of Reducing Health Complaints among Office Employees, *The Proceedings of IEEE International Conference on Industrial Engineering and Engineering Management*, Singapore, December 8-12, 2008 .
(Scopus index) [citation No. 4]
- [C26] **Khadem, M.**, Bashir, H.A., Al-Azri, F., and Al-Lawati, S. (2008), Evaluating the Layout of the Emergency Department of a Public Hospital Using Computer Simulation Modeling: A Case Study,

The Proceedings of IEEE International Conference on Industrial Engineering and Engineering Management, Singapore, December 8-12, 2008. (**Scopus index**) [citation No. 12]

- [C27] **Khadem, M.**, and Ali, A. (2008), Modeling and Simulation for Car Battery Manufacturing for Cost Effectiveness, *Proceedings of the IASTED International Conference on Intelligent Systems and Control*, Orlando, USA, November 16-18, 2008. (**Scopus index**) [citation No. 5]
- [C28] **Khadem, M.**, and Ali, A. (2008), Shop floor Modeling and Simulation for Performance Improvement for Car Battery Manufacturing, *Proceedings of the 13th Annual International Conference on Industrial Engineering Theory, Applications and Practice*, Las Vegas, Nevada, USA September 7-10 2008.
- [C29] **Mohammad Khadem (2007)**, Manufacturing Performance Measure of a Flexible Assembly System in a Product Mix Environment, *Proceedings of the International Conference on Global Research in Business and Economics*, Bangkok, Dec 27-29, 2007.
- [C30] Ali, A., **Khadem, M.**, Lee, J., and Seifoddini, H. (2004), Intelligent Production Scheduling for Medical Equipments in Global Logistics Environment, *Annual IIE Industrial Engineering Research Conference (IERC)*, Houston, Texas, May 15-19, 2004. (During PhD) (**Scopus index**)
- [C31] Ali, A., **Khadem, M.**, Seifoddini, H. and Lee, J., (2004), Optimal System Design of Flexible Assembly Systems, *Annual IIE Industrial Engineering Research Conference (IERC)*, Houston, Texas, May 15-19, 2004. (During PhD) (**Scopus index**)

TECHNICAL REPORTS

AT SULTAN QABOOS UNIVERSITY, OMAN

1. Rahman, M. S., Al-Alawi, A., Guizani, N., Mohamed-Musthafa, E., Farook, S., Al-Adawi, S., Hossain, M., Al-Subhi, L., Ali, A., Al-Kharusi, N., **Khadem, M.**, Al-Hashmi, K., Waly, M. 2016. Value added functional products from less utilized biomaterials locally available in the Sultanate. Final Report, HM's Research Trust Fund, SR/AGR/FOOD/11/01 (14 February 2016).
2. **Khadem, M.**, Araimi, S., Garbie, I. 2015. Occupational health and safety issues affecting worker performance in Omani industries. Final Report, TRC grant, RC/ENG/MIED/10/01. (13th January 2015)
3. Hossain, M. Z., **Khadem, M.**, Al-Hajri, A. S. 2014. A Statistical Analysis on Supply Management Performance: Case Study of the Omani Industries. Final Report, SQU Internal Grant, IG/CCE/OMBS/12/01. (30th December 2014)
4. **Khadem, M.** and Bashir, H. (2011), Facility Layout design for Voltamp Transformer in Muscat, Oman. Industrial Innovation Center, TRC, Oman
5. **Khadem, M.**, Shikdar, A., and Al Araimi, S., (2012) Modeling, Simulation and Optimization of job Shop manufacturing system. Final Report, SQU Internal Grant, **IG/ENG/MIED/07/02**

Thesis and Project Supervision

MASTER THESIS SUPERVISION AT SULTAN QABOOS UNIVERSITY, OMAN

6. Title: "Assessing the OHS risk at MSE's in Oman"
 - Student: Md. Anisul Islam
 - Time: FL 2012 (Completed)
 - Role: Supervisor and member
 - Outcome: Three conference papers (see C9, C11 and C16 under scholarly achievements published and one journal paper under review)

7. Title: "Risk Analysis in Project Management Case study of a Gas Injected Project"
 - Student: Widad Maqbool Al Abduwani
 - Spring 2011 (Completed)
 - Role: Supervisor and member
 - Outcome: One journal paper (J5) has been published.

8. Title: Ergonomic Study and Performance Evaluation of the Date Stripper Prototype
 - Student: Alaa Al Hinai, MSc Student in Agricultural Engineering
 - Summer 2017 (Completed)
 - Role: Member of the thesis committee.

9. Title: Project Cost Estimation Practices and Techniques in Sultanate of Oman
 - Student: Mabrouka al Siyabi
 - Spring 2011 (Completed)
 - Role: Member of the thesis committee
 - Outcome: One journal paper (J1) has been published

10. Title: Factors Affecting Productivity Improvement in the Manufacturing Sector of Oman
 - Student: Aamer Mohammed Aamer Al Riyami
 - Fall 2012 (Completed)
 - Role: Member of the thesis committee

MASTER THESIS EXAMINATION COMMITTEE AT SQU

1. **Title: Simultaneous Electricity Production and Metal Recovery from Landfill Leachate using Microbial Fuel Cell.**
 - **Student: Afeef Ahmed Baqi, Dept. of Civil & Arch. Engineering, College of Engineering**
 - **Role: Chairman**
 - **28th December 2017**

2. **Title: Food hygiene knowledge and practices among food handlers at selected restaurants in Muscat Governorate**
 - **Student: Maryam Mohamed Al Ghazali, Dept. of Food Science and Nutrition, College of Agriculture and Marine Sciences**
 - **Role: External Examiner and member**
 - **4th January 2017**

3. **Title: A conceptual framework for securing the ICS/SCADA systems**

- **Student: Mohammed Salem Al Abri, Dept. of Information Technology, College of Economics and Political Sciences**
 - **Role: External Examiner and member**
 - **4th May 2017**
4. **Title: Minimizing Pop-out phenomenon effects in solid expandable tubular systems**
 - **Student: Idris Humoud Al Siyabi, Dept. of MIE, College of Engineering**
 - **Role: External Examiner and member**
 - **10th January 2011**
 5. **Title: Texture Profile Analysis and Moisture Isotherm of Gelatin Extracted from grouper skin and commercial bovine and porcine gelatin gels**
 - **Student: Abdullah Issa Saif al Mahrouqi, Dept. of Food Science and Nutrition, College of Agriculture and Marine Sciences**
 - **Role: External Examiner and member**
 - **2009**
 6. **Title: Optimal Test Pattern Generator Scheme for BIST Environment**
 - **Student: Mohad Ahasan Kabir Rizvi, Dept. of ECE, College of Engineering**
 - **Role: External Examiner and member**
 - **22nd January 2015**
 7. **Title: GSM Spectrum Re-Farming for Batinah Region in Oman**
 - **Student: Wahab Salim Mohammed Al Rawahi, Dept. of ECE, College of Engineering**
 - **Role: Chairman**
 - **11th February 2013**
 8. **Title: Empirical Maximum Permissible Loss (MPL) Modeling for Outdoor Wireless Links**
 - **Student: Mahmood bin Abdullah bin Hamed Al Rashdi, Dept. of ECE, College of Engineering**
 - **Role: Chairman**
 - **13th April 2013**
 9. **Title: Characterization of Radio Propagation Pathloss: A case study of GSM network of Muscat CBD area.**
 - **Student: Asaad Saud Ahmed Al Ruqaishi, Dept. of ECE, College of Engineering**
 - **Role: External Examiner and member**
 - **18th June 2012**

AWARDS AND RECOGNITION

- 2018 Outstanding service award in IEOM conference, Bangkok, Thailand.
- 2015 Outstanding service award in IEOM conference Dubai given by IEOM Saudi Chapter and IEOM Society International
- 2014 SQU Vice Chancellor certificate of recognition as ABET Coordinator of Industrial Engineering for successful ABET Accreditation
- 2012 Outstanding service award in IEOM conference, Istanbul, Turkey. Because of this International Award SQU Vice Chancellor awarded certificate of recognition on the 25yr Silver Jubilee.

- 2008 SQU Vice Chancellor certificate of recognition for successful ABET Accreditation.
- 2003-2004 Chancellor Award, University of Wisconsin Milwaukee, USA

RECOGNITION IN SCHOLARSHIP

I have served as an **editorial member** of the following international journals:

1. Humanomics (the International Journal of System and Ethics) Emerald publisher (2009-2014)
2. International Journal of Industrial Engineering and Operations Management (IEOM Society International journal)
3. Guest Editor, International Journal of Industrial Engineering Theory, Applications and Practice, Special Issue of IEOM 2011 conference. Vol. 15 no 2, 2011.
4. Guest Editor, International Journal of Industrial and System Engineering, Special Issue of IEOM 2010 conference. Vol. 11 no. 1/2, 2012

Invitations to speak at professional meetings:

- Gave a seminar on *Human Factors* at Department of Mechanical and Chemical Engineering of Islamic University of Technology (IUT), Gazipur, Bangladesh 2017.
- Presented papers on *Transformation to Lean Production system of a Water Heater company in Oman*, at the 2nd International Conference on Industrial Engineering and Operations Management, Kuala Lumpur, Malaysia, January 22- 24, 2011
- Presented papers on *A Restorative Safety Model for Micro and Small Enterprises*, 3rd International Conference on Industrial Engineering and Operations Management, *Istanbul, Turkey, July 03-06, 2012*
- Presented papers on *A Review on Occupational Health and Safety Risks in Micro and Small-scale Enterprises (MSEs) in Oman* , 4th International Conference on Industrial Engineering and Operations Management, Bali, Indonesia, Jan. 7-9, 2014.
- Presented papers on *Occupational Health & Safety Issues Affecting Worker Performance in Omani Industries*, 6th International Conference on Industrial Engineering and Operations Management, Kuala Lumpur, March 8-10, 2016

SERVICE

- Member of College Computing Committee, Sultan Qaboos University 2008-2014
- Member of College Accreditation Committee, Sultan Qaboos University, 2011-2014
- Member of College Curriculum and Time tabling Committee, Sultan Qaboos University 2010 – 2014 and 2016 - 2020
- ABET Coordinator, Industrial Engineering Program, Sultan Qaboos University, 2011-2014.

- Chair, Department Curriculum and Accreditation Committee, Sultan Qaboos University 2017-18
- Coordinator IE Time Table in MIE department 2009 – 2014 and 2016 - 2020
- Member, Department Curriculum and Accreditation Committee, Sultan Qaboos University , 2006 - 2020
- DBM Secretary, MIE Department Board, Sultan Qaboos University, 2006 – 2009.
- Secretary, MIE Department Curriculum and Accreditation (DCAC) Program (ABET), Sultan Qaboos University, 2009 - 2010.