# Mehmood Khan, PhD

Professor of Operations & Supply Chain Management

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## Teaching Interests

- Operations & Supply Chain Management
- Decision Analysis & Management Science
- Data & Business Analytics
- Engineering Systems & Management
- Design & Analysis of Experiments
- Quantitative Research Methods

## Research Interests

- Sustainability in Supply Chains
- Information Sharing in Supply Chains
- Data Analytics & Artificial Intelligence in Supply Chains
- Learning Curves in Production Systems
- Quality Parameters in Imperfect Processes

## Education

**PhD,** Industrial Engineering, Toronto Metropolitan University, Canada (2011)
**MSc,** Industrial Systems Engineering, King Fahd University, Saudi Arabia (2000)
**BSc,** Mechanical Engineering, NED University, Pakistan (1997)

## Professional Experience

**University of Sharjah** **January 2023 – Present**
**Professor, College of Business Administration (January 2023 – Present)**

**Abu Dhabi University** **September 2011 – December 2022**
**Professor, College of Business Administration (August 2022 – December 2022)**
**Associate Professor, College of Business Administration (September 2016 – July 2022)**
**Assistant Professor, College of Business Administration (September 2011 – August 2016)**
Instruct and mentor students immersed in BBA, MBA and DBA degree program studies in Canada, Saudi Arabia and the United Arab Emirates. Maintain expertise across research spanning the fields of Operations Management and Industrial Engineering. Oversee the progress of students' DBA dissertations. Offer useful input to research committees at the college and university levels. Uncover trends in emerging fields including those pertinent to business and academia

- *Author published works featured in top-ranked, peer-reviewed journals*
- *Honored thrice for distinguished research and earned an award for distinguished teaching as well*
- *Participated in ADU's accreditation for AACSB and EQUIS*

**Additional Roles**

- *Instructor, School of Business at Brock University, September 2010 – December 2010*
- *Teaching Assistant, Business and Engineering Schools, Toronto Metropolitan University, Ontario, September 2007 – August 2011*
- *Lecturer, Computer Sciences and Engineering, King Fahd University, Saudi Arabia, March 2001 – August 2007*
- *Teaching Assistant, Computer Sciences and Engineering, King Fahd University, Saudi Arabia, September 1998 – February 2001*
- *Development Engineer, Manufacturing Department, Yamaha, Pakistan, August 1997 – July 1998*

## Courses Taught

***Abu Dhabi University – United Arab Emirates***

| *Courses* | *Level* | *Code* |
|---|---|---|
| Quantitative Methods for Research I–Design | DBA | METH 3A |
| Quantitative Methods for Research II–Design | DBA | METH 3B |
| Dissertation Writing | DBA | COMM2 |
| Technology in Logistics and Supply Chains | MBA | SCM 542 |
| Operations and Supply Chain Management | MBA | SCM 540 |
| Sustainable Quality Management | MBA | EQM 525 |
| Business Research Methods | MBA | MGT 524 |
| Operations Management | BBA | MGT 308 |
| Research Methods in Business | BBA | BUS 204 |

***Brock University – Canada***

| *Courses* | *Level* | *Code* |
|---|---|---|
| Principles of Operations Management | BBA | OPER2P51 |

***Toronto Metropolitan University – Canada***

| *Courses* | *Level* | *Code* |
|---|---|---|
| Introduction to Global Management | BBA | GMS 200 |
| Introduction to Managerial Economics | BBA | GMS 402 |
| Principles of Transportation | BBA | GMS 803 |
| Applied Retail Research | BBA | RMG 700 |
| Industrial Budgeting/Financial Control | BEng | IND 402 |
| Experimental Design/Quality Assurance | BEng | IND 605 |
| Risk Assessment/Systems Reliability | BEng | IND 809 |
| Operations Research II | BEng | IND 604 |
| Project Management | BEng | EMS 304 |

***King Fahd University – Saudi Arabia***

| *Courses* | *Level* | *Code* |
|---|---|---|
| Introduction to Technology | BEng | SE 100 |
| Introduction to Systems Engineering | BEng | SE 201 |
| Engineering Probability & Statistics | BEng | SE 205 |
| Operations Research I | BEng | SE 303 |
| Advanced Quality Control (Teaching Assistant) | MEng | SE 534 |
| Stochastic Systems Simulation (Teaching Assistant) | BEng | SE 405 |
| Production Systems & Inventory Control (Teaching Assistant) | BEng | SE 402 |
| Numerical Methods (Teaching Assistant) | BEng | SE 301 |
| Operations Research I (Teaching Assistant) | BEng | SE 303 |
| Engineering Probability & Statistics (Teaching Assistant) | BEng | SE 205 |
| Stochastic Systems Simulation (Teaching Assistant) | BEng | SE 405 |
| Production Systems & Inventory Control (Teaching Assistant) | BEng | SE 402 |
| Numerical Methods (Teaching Assistant) | BEng | SE 301 |
| Operations Research I (Teaching Assistant) | BEng | SE 303 |
| Engineering Probability & Statistics (Teaching Assistant) | BEng | SE 205 |

## Guest Lectures

- Strategic CSR and Sustainable Development, Tourism Authority Abu Dhabi, May 2017
- Technology Adoption in Healthcare, Shaikh Khalifa Medical City Abu Dhabi, September 2017
- Modeling Management Science Problems, Abu Dhabi Public Services, May 2019

## Journal Publications

1. **M. Khan,** M. Ajmal, F. Jabeen, S. Talwar and A. Dhir (2022). Green Supply Chain Management in Manufacturing Firms: A Resource-Based Viewpoint. *Business Strategy and the Environment* https://doi.org/10.1002/bse.3207 (**Scopus – Q1; ABS – 3; ABDC – A**)
2. Hussain, M., Ajmal, M., Subramanian, G., **M. Khan,** & Anas, S. (2023). Challenges of big data analytics for sustainable supply chains in healthcare–a resource-based view. *Benchmarking: An International Journal*.
https://doi.org/10.1108/BIJ-06-2022-0390 (**Scopus – Q1; ABS – 1; ABDC – B**)
3. M. M. Ajmal, A. Jan, **M. Khan**, M. Hussain, & A. Salameh. (2023). Exploring the barriers and motivators of value co-creation through a theoretical lens of service-dominant logic. Journal of Business & Industrial Marketing .
https://doi.org/10.1108/JBIM-08-2021-0366 (**Scopus – Q1; ABS – 2; ABDC – A**)
4. D. Jegerson, **M. Khan**, & C. Mertzanis (2023). Adoption of cryptocurrencies for remittances in the UAE: the mediation effect of consumer innovation. European Journal of Innovation Management
https://doi.org/10.1108/EJIM-09-2022-0538 (**Scopus – Q1; ABS – 1; ABDC – C**)
5. M. Sharma, A. Dhir, H. AlKatheeri, **M. Khan,** & M.M. Ajmal. (2023). Greening of Supply Chain to Drive Performance through Logical Integration of Supply Chain Resources. Business Strategy and the Environment.
https://doi.org/10.1002/bse.3340 (**Scopus – Q1; ABS – 3; ABDC – A**)
6. M. Ajmal, **M. Khan**, M.K. Shad (2023). Empirical Examination of Societal, Financial and Technology-Related Challenges amid COVID-19 in Service Supply Chains: Evidence from an Emerging Market. *International Journal of Logistics Management*
https://doi.org/10.1108/IJLM-04-2021-0220 (**Scopus – Q1; ABS – 2; ABDC – A**)
7. Jan, A., **M. Khan**, Ajmal, M. M., & Patwary, A. K. (2023). From traditional advertising to digital marketing: exploring electronic word of mouth through a theoretical lens in the hospitality and tourism industry. *Global Knowledge, Memory and Communication*.
https://doi.org/10.1108/GKMC-08-2022-0199 (**Scopus – Q2; ABS – NA; ABDC – B**)
8. Alremeithi, A. A., Riaz, Z., & **M. Khan** (2023). What constitutes citizens' recycling behavior: insights from handling municipal solid waste in the UAE. *Smart and Sustainable Built Environment*.
https://doi.org/10.1108/SASBE-11-2022-0261 (**Scopus – Q1; ABS – NA; ABDC – C**)
9. Hussain, M., **M. Khan** & Saber, H. (2023). Thematic analysis of circular economy practices across closed-loop supply chains: An institutional theory perspective. *Sustainable Production and Consumption*.
https://doi.org/10.1016/j.spc.2023.06.017 (**Scopus – Q1; ABS – NA; ABDC – NA**)
10. B.K. AlNuaimi, **M. Khan** and M. Ajmal (2021). The Role of Big Data Analytics Capabilities in Greening e-Procurement: A Higher Order PLS-SEM Analysis. *Technological Forecasting and Social Change,* 169(1), 120808.
https://doi.org/10.1016/j.techfore.2021.120808 (**Scopus – Q1; ABS – 3; ABDC – A**)
11. **M. Khan**, M. Ajmal, A. Gunasekaran, A.H. Al Marzouqi and B. K. AlNuaimi (2021). Measures of Greenness – An Empirical Study in Service Supply Chains in the UAE. *International Journal of Production Economics* 241(1), 1–15.
https://doi.org/10.1016/j.ijpe.2021.108257 (**Scopus – Q1; ABS – 3; ABDC – A**)
12. D. Alrahbi, **M. Khan** and S. Gupta (2022). Challenges for Developing Healthcare Knowledge in the Digital Economy. *Journal of Knowledge Management 26*(4), 824-853.
https://doi.org/10.1108/JKM-03-2020-0224 (**Scopus – Q1; ABS – 3; ABDC – A**)
13. D. Alrahbi, **M. Khan** and S. Gupta (2022). Healthcare Information Technologies for Dispersed Knowledge Management. *Journal of Knowledge Management 26*(6), 1589-1614.
https://doi.org/10.1108/JKM-10-2020-0786 (**Scopus – Q1; ABS – 3; ABDC – A**)
14. M. Ajmal, **M. Khan**, M.K. Shad (2022). Socio-Economic and Technological New-Normal in Supply Chain Management: Lessons from COVID-19 Pandemic. *International Journal of Logistics Management*
https://doi.org/10.1108/IJLM-04-2021-0231 (**Scopus – Q1; ABS – 2; ABDC – A**)

15. M. Ajmal, **M. Khan**, A. Gunasekaran and P.T. Helo (2022). Managing Project Scope Creep in Construction Industry. *Engineering, Construction and Architectural Management*
https://doi.org/10.1108/ECAM-07-2020-0568 (**Scopus – Q1; ABS – 1; ABDC – A**)
16. O.A. Al Shehail, **M. Khan** and M. Ajmal (2022). Total quality management and sustainability in the public service sector: the mediating effect of service innovation. *Benchmarking*: *An International Journal*
https://doi.org/10.1108/BIJ-08-2020-0449 (**Scopus – Q1; ABS – 1; ABDC – B**)
17. B.K. Al Nuaimi, **M. Khan**, M. Ajmal (2020). Implementing sustainable procurement in the United Arab Emirates public sector. Journal of Public Procurement
https://doi.org/10.1108/JOPP-07-2019-0044 (**Scopus – Q2; ABS – 1; ABDC – NA**)
18. **M. Khan** (2019). Challenges with Big Data Analytics in Service Supply Chains in the UAE. *Management Decision*, 57(8), 2124–2147.
https://doi.org/10.1108/MD-06-2018-0669 (**Scopus – Q1; ABS – 2; ABDC – B**)
19. B.K. AlNuaimi and **M. Khan** (2019). Public-Sector Green Procurement in the United Arab Emirates: Innovation Capability and Commitment to Change. *Journal of Cleaner Production*, 233(1), 482–489.
https://doi.org/10.1016/j.jclepro.2019.06.090 (**Scopus – Q1; ABS – 2; ABDC – A**)
20. M.M. Ajmal, **M. Khan** and H.A. Alyafei (2019). Exploring Factors behind Project Scope Creep – Stakeholders' Perspective. *International Journal of Managing Projects in Business*, 13(3), 483–504.
https://doi.org/10.1108/IJMPB-10-2018-0228 (**Scopus – Q1; ABS – 1; ABDC – C**)
21. M. Hussain, **M. Khan**, M.M. Ajmal, K.S. Shaikh and A. Ahamat (2019). A Multi-Stakeholders View of the Barriers of Social Sustainability in Healthcare Supply Chains: Analytic Hierarchy Process Approach. *Sustainability Accounting, Management and Policy Journal*, 10(2), 290–313.
https://doi.org/10.1108/SAMPJ-05-2018-0140 (**Scopus – Q1; ABS – 2; ABDC – B**)
22. J. Shurrab, M. Hussain and **M. Khan** (2019). Green and Sustainable Practices in Construction Industry: A Confirmatory Factor Analysis Approach. *Engineering, Construction and Architectural Management*, 26(6) 1063–1086.
https://doi.org/10.1108/ECAM-02-2018-0056 (**Scopus – Q1; ABS – 1; ABDC – A**)
23. M. Hussain, M.M. Ajmal, A. Gunasekaran and **M. Khan** (2018). Exploration of Social Sustainability in Healthcare Supply Chain. *Journal of Cleaner Production*, 203, 977–989.
https://doi.org/10.1016/j.jclepro.2018.08.157 (**Scopus – Q1; ABS – 2; ABDC – A**)
24. **M. Khan**, M. Hussain, A. Gunasekaran, M. Ajmal and P. Helo (2018). Motivators of Social Sustainability in Healthcare Supply Chains in the UAE—Stakeholder Perspective. *Sustainable Production and Consumption*, 14(1) 95–104.
https://doi.org/10.1016/j.spc.2018.01.006 (**Scopus – Q1; ABS – NA; ABDC – NA**)
25. A.H. Al Marzouqi, **M. Khan** (2018). The Role of Sustainable HRM in Sustaining Positive Organizational Outcomes: An Interactional Framework. *International Journal of Productivity and Performance Management*, 68(7) 1272–1292.
https://doi.org/10.1108/IJPPM-04-2018-0165 (**Scopus – Q1; ABS – 1; ABDC – B**)
26. M.M. Ajmal, **M. Khan**, M. Hussain and P. Helo (2018). Conceptualizing and Incorporating Social Sustainability in the Business World. *International Journal of Sustainable Development & World Ecology*, 25(4), 327–339.
https://doi.org/10.1080/13504509.2017.1408714 (**Scopus – Q1; ABS – NA; ABDC – NA)**
27. **M. Khan**, M. Hussain, A. Papastathopoulos and I. Manikas (2018). Trust, Information Sharing and Uncertainty: An Empirical Investigation into their Impact on Sustainability in Service Supply Chains in the United Arab Emirates. *Sustainable Development*, 26(6), 870–878.
https://doi.org/10.1002/sd.1856 (**Scopus – Q1; ABS – NA; ABDC – C**)
28. **M. Khan**, M. Hussain, M.M. Ajmal and P. Helo (2018). Barriers to Social Sustainability in Healthcare Industry in the UAE. *International Journal of Organizational Analysis*, 26(3), 450–469.
https://doi.org/10.1108/IJOA-05-2017-1164 (**Scopus – Q2; ABS – 1; ABDC – B**)
29. **M. Khan**, M. Hussain and L.E. Cárdenas-Barrón (2017). Learning and screening errors in an EPQ inventory model for supply chains with stochastic lead time demands. *International Journal of Production Research*, 55(16), 4816–4832.
https://doi.org/10.1080/00207543.2017.1310402 (**Scopus – Q1; ABS – 3; ABDC – A**)

30. **M. Khan**, A.R. Ahmad and M. Hussain (2017). Integrated Decision Models for a Vendor-Buyer Supply Chain with Inspection Errors and Purchase and Repair Options. *International Journal of Advanced Manufacturing Technology*, 1–8.
https://doi.org/10.1007/s00170-017-1137-9 (**Scopus – Q1; ABS – NA; ABDC – NA**)
31. **M. Khan**, M. Hussain and H.M. Saber (2016). Information Sharing in a Sustainable Supply Chain. *International Journal of Production Economics*, 181, 208–214.
https://doi.org/10.1016/j.ijpe.2016.04.010 (**Scopus – Q1; ABS – 3; ABDC – A**)
32. **M. Khan**, M.Y. Jaber, S. Zanoni and L. Zavanella (2016). Vendor Managed Inventory with Consignment Stock Agreement for a Supply Chain with Defective Items. *Applied Mathematical Modelling*, 40(15), 7102–7114.
https://doi.org/10.1016/j.apm.2016.02.035 (**Scopus – Q1; ABS – NA; ABDC – NA**)
33. M. Hussain, **M. Khan** and H.M. Saber (2016). Analysis of Capacity Constraints on Backlog Bullwhip Effect in Two Tier Supply Chain: A Taguchi Approach. *International Journal of Logistics Research and Applications*, 19(1), 41–61.
https://doi.org/10.1080/13675567.2015.1015510 (**Scopus – Q1; ABS – NA; ABDC – NA**)
34. M.M. Malik, **M. Khan** and S. Abdallah (2015). Aggregate Capacity Planning for Elective Surgeries: A Bi-objective Optimization Approach to Balance Patients Waiting with Healthcare Costs. *Operations Research for Health Care*, 7(1), 3–13.
https://doi.org/10.1016/j.orhc.2015.09.009 (**Scopus – Q1; ABS –NA; ABDC – NA**)
35. M.A. Bushuev, A. Guiffrida, M.Y. Jaber and **M. Khan** (2015). A Review of Inventory Lot Sizing Review Papers. *Management Research Review*, 38(3), 283–298.
https://doi.org/10.1108/MRR-09-2013-0204 (**Scopus – Q2; ABS – 1; ABDC – C**)
36. S.Z. Ahmad, F. Jabeen and **M. Khan** (2014). Entrepreneurs' Choice in Business Venture: Motivations for Choosing Home-Stay Accommodation Businesses in Peninsular Malaysia. *International Journal of Hospitality Management*, 36, 31–40.
https://doi.org/10.1016/j.ijhm.2013.08.006 (**Scopus – Q1; ABS – 3; ABDC – A***)
37. **M. Khan**, M.Y. Jaber and A.R. Ahmad (2014). An Integrated Supply Chain Model with Errors in Quality Inspections and Learning in Production. *Omega*, 42(1), 16–24.
https://doi.org/10.1016/j.omega.2013.02.002 (**Scopus – Q1; ABS – 3; ABDC – A**)
38. **M. Khan**, M.Y. Jaber and A.L. Guiffrida (2012). The Effect of Human Factors on the Performance of a Two Level Supply Chain. *International Journal of Production Research,* 50(2), 517–533.
https://doi.org/10.1080/00207543.2010.539282 (**Scopus – Q1; ABS – 3; ABDC – A**)
39. **M. Khan**, M.Y. Jaber, A.L. Guiffrida and S. Zolfaghari (2011). A Review of the Extensions of a Modified EOQ Model for Imperfect Quality Items. *International Journal of Production Economics,* 132(1), 1–12.
https://doi.org/10.1016/j.ijpe.2011.03.009 (**Scopus – Q1; ABS – 3; ABDC – A**)
40. **M. Khan**, M.Y. Jaber and M. Bonney (2011). An Economic Order Quantity (EOQ) for Items with Imperfect Quality and Inspection Errors. *International Journal of Production Economics,* 133(1), 113–118.
https://doi.org/10.1016/j.ijpe.2010.01.023 (**Scopus – Q1; ABS – 3; ABDC – A**)
41. **M. Khan**, M.Y. Jaber and W.I.M. Wahab (2010). Economic Order Quantity Model for Items with Imperfect Quality with Learning in Inspection. *International Journal of Production Economics* 124(1), 87–96.
https://doi.org/10.1016/j.ijpe.2009.10.011 (**Scopus – Q1; ABS – 3; ABDC – A**)
42. M.Y. Jaber, **M. Khan**, (2010). Managing Yield by Lot Splitting in a Serial Production Line with Learning, Rework and Scrap, *International Journal of Production Economics*, 124(1), 32–39.
https://doi.org/10.1016/j.ijpe.2009.09.004 (**Scopus – Q1; ABS – 3; ABDC – A**)
43. A. Siddiqui, **M. Khan** and S. Akhtar (2008). Supply Chain Simulator: A Scenario based Educational Tool to Enhance Student Learning, *Computers & Education*, 51(1), 252–261.
https://doi.org/10.1016/j.compedu.2007.05.008 (**Scopus – Q1; ABS – NA; ABDC – NA**)
44. S.O. Duffuaa and **M. Khan** (2008). A General Repeat Inspection Plan for Dependent Multicharacteristic Critical Components, *European Journal of Operational Research*, 191(2), 374–385.
https://doi.org/10.1016/j.ejor.2007.02.033 (**Scopus – Q1; ABS – 4; ABDC – A***)

45. M.A. Rahim and **M. Khan** (2007). Optimal Determination of Production Run and Initial Settings of Process Parameters for a Deteriorating Process, *International Journal of Advanced Manufacturing Technology*, 32(7–8), 747–756. https://doi.org/10.1007/s00170-005-0372-7 (**Scopus – Q1; ABS – NA; ABDC – NA**)
46. M. ElShafei, **M. Khan** and S.O. Duffuaa (2006). Repeat Inspection Planning Using Dynamic Programming, *International Journal of Production Research*, 44(2), 257–270. https://doi.org/10.1080/13528160500245749 (**Scopus – Q1; ABS – 3; ABDC – A**)
47. S.O. Duffuaa and **M. Khan** (2005). Impact of Inspection Errors on the Performance Measures of a General Repeat Inspection Plan, *International Journal of Production Research*, 43(23), 4945–4967. https://doi.org/10.1080/00207540412331325413 (**Scopus – Q1; ABS – 3; ABDC – A**)
48. S.O. Duffuaa and **M. Khan** (2002). An Optimal Repeat Inspection Plan with Several Classifications, *Journal of the Operational Research Society*, 53(9), 1016–1026. https://doi.org/10.1057/palgrave.jors.2601392 (**Scopus – Q1; ABS – 3; ABDC – A**)

## Conference Presentations

1. D. Alrahbi and **M. Khan** (2019). Adoption of Technology in Healthcare Industry in the United Arab Emirates, Production & Operations Management Society (POMS) Annual Conference, May 03–06, Washington DC, USA.
2. M.M. Ajmal, **M. Khan**, and M. Hussain (2018). Managing Project Scope Creep in the UAE Construction Industry, International Conference on Project Logistics (ProLog), June 28–29, Hull, United Kingdom.
3. **M. Khan**, M. Hussain, M.M. Ajmal and M. Malik (2017). A Measure of Social Sustainability in Healthcare, 47th International Conference on Computers & Industrial Engineering, October 11 – 13, Lisbon, Portugal.
4. **M. Khan**, M. Hussain and M.M. Ajmal (2017). Motivators of Social Sustainability in Healthcare in the UAE, POMS 28th Annual Conference, May 5 – 8, Seattle, USA.
5. **M. Khan**, M.M. Ajmal, M. Hussain and H. Abdullah (2017). Barriers for Social Sustainability in Healthcare Industry in the UAE, 7th International Conference on Industrial Engineering and Operations Management, April 11 – 13, Rabat, Morocco.
6. M.M. Ajmal, **M. Khan**, and M. Hussain (2017). Conceptualizing Social Sustainability in the Business Operations, 7th International Conference on Industrial Engineering and Operations Management, April 11 – 13, Rabat, Morocco.
7. M. Hussain and **M. Khan** (2017). Measuring Sustainability in Service Supply Chains: A conceptual Framework. International Conference on Tourism, Transport, and Logistics (ICTTL), 21 – 22 April, Antalya, Turkey.
8. M. Hussain, M.M. Ajmal and **M. Khan**, M.M. (2017). Social Sustainability in Healthcare Supply Chains, 7th International Conference on Industrial Engineering and Operations Management, April 11 – 13, Rabat, Morocco.
9. **M. Khan**, M. Hussain and A.R. Ahmad (2015). An Integrated Determination of Production Quantity, Process Parameters and Maintenance Intervals, Proceedings of INFORMS Applied Probability Society Conference, July 5 – 8, Istanbul, Turkey.
10. **M. Khan** and M. Hussain (2015). Information Sharing in a Sustainable Supply Chain with Defective Items, Proceedings of International Journal of Arts & Sciences (IJAS) Multidisciplinary Conference, May 18 – 21, Toronto, Canada.
11. R. Kassem, M.M. Ajmal and **M. Khan** (2014). The Relationship between Organizational Culture and Business Excellence: Case of United Arab Emirates, Proceedings of Third Asian Business Research Conference, Sep 15 – 16, Abu Dhabi, UAE.
12. **M. Khan**, M. Hussain and H.M. Saber (2014). Information Sharing in a Sustainable Supply Chain, Proceedings of 18th International Symposium on Inventories Research, August 18 – 22, Budapest, Hungary.
13. **M. Khan**, M.Y. Jaber and M. Hussain (2013). A learning and investment model for quality in a two level supply chain, Proceedings of 18th International Symposium on Logistics, July 7 – 10, Vienna, Austria.
14. **M. Khan**, M. Hussain and M.M. Ajmal (2013). Two-Tier Supply Chain Model with Stochastic Lead

Times and Defective Items, Proceedings of the International Conference for Advanced Research in Business, June 3 – 5, London, UK.

15. **M. Khan**, M.Y. Jaber and C.H. Glock (2012). Impact of Learning on the Environmental Performance of a Two Level Supply Chain, Proceedings of 17th International Symposium on Inventories Research, August 20 – 24, Budapest, Hungary.
16. **M. Khan**, M.Y. Jaber and A.R. Ahmad (2010). A Two-Stage Supply Chain with Inspection Errors and Learning in Production, Proceedings of 40th International Conference on Atlantic Schools of Business, October 1 – 3, Halifax, Canada.

## Book Chapters

1. R. Kassem, M.M. Ajmal and **M. Khan** (2017). The Relationship between Organizational Culture and Business Excellence: Case Study from United Arab Emirates. In *Organizational Culture and Behavior: Methodologies, Tools, and Applications* (Chapter 35). IGI Global.
2. **M. Khan**, M. Y. Jaber and M. Plaza (2011). Linking Quality to Learning – A Review. In M.Y. Jaber (Ed.), *Learning Curves*: *Theory*, *Models and Applications* (pp. 211–236), Taylor & Francis.

## Book Editing

1. **M. Khan**, M. Hussain and M. M. Ajmal (2016). *Green Supply Chain Management for Sustainable Business Practice*. IGI Global.

## Peer Review for Journals

- International Journal of Production Economic (IJPE)
- International Journal Production Research (IJPR)
- Applied Mathematical Modeling (AMMOD)
- International Journal of Hospitality Management (IJHM)
- Journal of Cleaner Production (JCLEPRO)
- International Journal of Systems Science (IJSS)

## Research Grants

- Resource Orchestration under Risks and Uncertainties in Healthcare Units, $8,000, 2021 – 2022
- Barriers and Motivators of Value-Cocreation through a Theoretical Lens, $8,000, 2021 – 2022
- Electronic word-of-mouth (eWoM) in Hospitality Industry in the UAE, $4,000, 2020 – 2021
- Managing Project Risk: An Organizational Culture Perspective, $6,000, 2019 – 2020
- Inventory Model for a Sustainable Supply Chain with Stochastic Lead times, $5,000, 2018 – 2019
- Students Demand Forecasting for ADU, $8,000, 2017 – 2018
- Information Sharing in a Sustainable Chain with Defective Items, $5,000, 2016 – 2017
- Integrating Social Sustainability Framework to Business Practices, $40,000, 2015 – 2017

## Service

**Abu Dhabi University** **September 2011 – Present**

**Accreditation Participant (AACSB, EQUIS & CAA), College of Business (September 2013 – Present)**

- Mapped course learning outcomes to ensure adherence to program learning outcomes
- Amended syllabi and curricula to make updates per new or revised programs
- Offered evidence to demonstrate students' learning across each degree offering

**DBA Supervisor, College of Business (September 2011 – Present)**

- Safa Al Mustafa – Barcode Medication Administration Systems in Healthcare Units in the UAE
- Abdulla Al Marzouqi – Impact of Sustainable Practices on Organizational Performance
- Dana Al Rahbi – Antecedents for Adoption of Healthcare Information Technology in the UAE
- Mohammed Al Hashmi – Impact of Critical Internal and External Factors on Sustainable Procurement
- Ohoud Al Shehail – TQM, Service Innovation and Sustainability Performance in Abu Dhabi Public Sector
- Bader Al Nuaimi – Embracing Big Data Capabilities: Toward Achieving Green E-Procurement

**Committee Member, College of Business (September 2011 – Present)**

- Engaged in the Research Committee efforts for the University
- Served the DBA Committee, College Council Committee and Faculty Research and Evaluation Committee, at the College level,

**Committee Chair, College of Business (September 2019 – December 2019)**

- Contributed actively to programming for the MBA and BBA programs in Sustainability

**Director, Center of Excellence in Sustainable Business Processes (June 2015 – August 2018)**

- Coordinated seminars whose content aligned with the Center mission and vision, including Brown Bag events for faculty to showcase sustainability streams
- Issued an annual call for proposals adherent to the Center theme; garnered +50 proposals directly submitted each year to the Center and 30+ annually for faculty incentive research grants

**King Fahd University** **March 2001 – August 2007**

**Committee Member, College of Computer Sciences & Engineering**

- Engaged within the Quality & Strategic Planning Committee, the Curriculum Committee, the Quality & Strategic Planning Committee and the Review Committee
- Facilitated contributions to the Journal of Quality in Maintenance Engineering (JQME)

**Dawood Yamaha** **August 1997 – September 1998**

**Development Engineer**

- Formulated process charts and led cost estimation for new dies
- Meticulously examined all off-tool samples (OTSs)
- Sought to resolve issues affecting dies at the vendor's assembly plant
- Coordinated repair and die development workflows to be efficient in nature

## Professional Affiliations

- Associate Editor, International Journal of Inventory Research (IJIR)
- Member of Decision Sciences Institute (DSI)
- Member of International Society for Inventory Research (ISIR)