

CURRICULUM VITAE

1. PERSONAL DATA

Name: Sharfuddin Ahmed KHAN
D.O.B: 31st March, 1982
Place of Birth: Karachi- Pakistan
Nationality: Pakistani
Contact address: Department of Industrial Engineering & Engineering Management
University of Sharjah, Sharjah 27272,
United Arab Emirates
Ph (Office): +971-6-5053942
Mobile: +971552563074
Fax: +971-6-5053963
E-mail: sharfuddin82@yahoo.com
Google Scholars: https://scholar.google.com/citations?user=oV_EKIEAAAAJ&hl=en
Scopus: <https://www.scopus.com/authid/detail.uri?authorId=55637292800>



2. ACADEMIC / PROFESSIONAL PARTICULARS

(a) Field of Specialization

- Major Field of Specialization: Engineering Management
- Minor Filed of Specialization: Supply Chain Management; Decision Making.

(b) Academic Qualifications

- September 2014 - Jan 2018:
PhD in Engineering, École de Technologie Supérieure (ÉTS), University of Quebec, Montreal, Canada

Thesis Title: “*A Knowledge Base System for Overall Supply Chain Performance Evaluation: A MCDM Approach*”

Thesis Got “*Excellent*” Grade

- Jan 2005 - July 2006:
Masters in Industrial & Systems Engineering, National University of Singapore (NUS), Singapore.
- Jan 2000 - April 2004:
Bachelors of Engineering in Industrial & Manufacturing Engineering from NED University of Engineering & Technology, Karachi- Pakistan.

(c) Academic Honors and Awards

- Outstanding PhD Student Award, IEOM Society, 2015

(d) Membership of Professional Body

- Institute of Industrial and System Engineering (IISE), Senior Member, 09/2013 to Date.
- Pakistan Engineering Council (PEC), Life Time Member, 04/2004 to Date.

(e) Language Proficiency

- English: Proficient
- Urdu: Native Speaker

(f) Certifications / Training Courses

- Certification in “*How to Publish in a High Impact Journals*” from Center of Continuing Education, University of Sharjah, UAE. (2017)
- Certification in “*Fundamentals of Supply Chain Management*” from Penn State University, Singapore. (2007)
- Certification in “*Imports Techniques & Procedures*” from ExxonMobil Asia Pacific Limited, Thailand. (2007)
- Certification in “Six Sigma Phenomena” from JETRO, Pakistan (2004)

3. CAREER DETAILS

(a) Academic Positions Held (10+ years of experience)

- Lecturer, Industrial Engineering & Engineering Management Department, College of Engineering, University of Sharjah, Sharjah, United Arab Emirates. Sept 2009 to Present.
- Visiting Faculty, Industrial and Manufacturing Engineering Department, NED University of Engineering & Technology, Karachi, Pakistan. Jan 2008 to June 2008.
- Visiting Faculty, Plastic Technology Centre, Karachi, Pakistan. Jan 2008 to Aug 2009.

(b) Courses Taught

At Graduate Level

- Operations Planning and Control
- Project Evaluation and Feasibility Analysis
- Project Management
- Project Quality Management

At Undergraduate Level

- Supply Chain Management
- Operation Research 1
- Quality Assurance and Control
- Engineering Ethics and Leadership
- Engineering Graphics
- Lean Production Systems
- Stochastic System Simulation
- Manufacturing Process
- Engineering Probability and Statistics
- Introduction to Industrial Engineering

(c) Industrial Position Held (Approx. 5 years of experience)

- Senior Procurement Officer, Central Planning & Procurement Department, BASF Pakistan Private Limited, Karachi, Pakistan.
Nov 2007 to Aug 2009.
- Supply & Distribution Executive, Supply & Distribution Department, ExxonMobil, Pakistan.
Feb 2007 to Oct 2007.
- Deputy Manager Development, Product Development Department, Procon Engineering Private Limited, Karachi, Pakistan.
May-2006 to Jan-2007:
- Quality Engineer, Quality Assurance Department, AuVitronic Limited, Karachi, Pakistan.
Dec-2003 to Dec-2004.

(d) Administrative Position Held (UoS)

- Department Coordinator for College of Engineering Student Affairs Committee.
(Sept 2017 – Present).
- IISE Student Chapter Associate Faculty Advisor (Sept 2012 - Present).
- Department Financial Budget Coordinator. (Sept 2009 - Present).
- Department Course Scheduling Committee Member (Sept 2009 - Present).
- Department ABET Accreditation Committee Member (Sept 2009 - Aug 2014)
- Department Coordinator for College of Engineering UAE Innovation Week
(Sept 2015 – Aug 2017).
- Department Coordinator for College of Engineering Outreach Committee
(Sept 2012 - Aug 2016).
- Practical Training Coordinator (Sept 2009 - June 2016).
- Senior Design Project Coordinator (Sept 2013 - Aug 2015).

4. SERVICE

(a) Service as Reviewer

- Computers and Industrial Engineering (CAIE)
- Resources Conservation and Recycling (RC&R)
- Journal of Cleaner Production (JCLP)
- International Journal of Industrial and Systems Engineering (IJISE)
- International Journal of Advanced Operations Management (IAOM)
- International Journal of Intelligent Enterprise (IJIE)
- International Journal of Services and Operations Management (IJSOM)
- International Journal of Electronic Customer Relationship Management (IJECRM)
- The Journal of Engineering Research (TJER)

(b) Membership of Editorial Board

- Industrial Engineering & Management Journal, Published by OMIC Publishing group.
- International Journal of Supply Chain and Inventory Management (IJSCIM).

(c) Services to Profession / Industry

• **Guest Editor**

Acted as a guest editor for a special issue entitled “Innovative Supply Chain Management” of *International Journal of Intelligent Enterprises (IJIE)*, Volume 3, No.1 2015.

5. LIST OF PUBLICATIONS

(a) International Refereed Journal Articles (Accepted & Published)

1. **Khan, S.A.**, Chaabane, A., and Dweiri, F., “Knowledge-based system for overall supply chain performance evaluation: A multi-criteria decision-making approach”, *Supply Chain Management: An International Journal (SCM: AIJ)*. **(SJR: Q1)**
(Accepted)
2. **Khan, S.A.**, Chaabane, A., and Dweiri, F., “Supply Chain Performance Measurement Systems: A Qualitative Review and Proposed Conceptual Framework”, *International Journal of Industrial & System Engineering (IJISE)*. **(SJR: Q2)**
(Accepted)
3. **Khan, S.A.**, Kaviani, A., Galli, B., and Ishtiaq, P., "Application of Continuous Improvement Techniques to Improve Organization Performance: A Case study", *International Journal of Lean Six Sigma (IJLSS)*. **(SJR: Q2)**
(Accepted)
4. Naim, I., Mahra, T., and **Khan, S.A.**, “Ranking of Univariate Forecasting Techniques for Seasonal Time Series using Analytical Hierarchy Process”, *International Journal of Industrial & System Engineering (IJISE)*, **(SJR: Q2)**.
(Accepted)
5. **Khan, S.A.**, Kusi-Sarpong, S., Arhin., F., and Kusi-Sarpong, H., (2018), “Supplier sustainability performance evaluation and selection: A framework and methodology”, *Journal of Cleaner Production, (JCLP)*, Vol. 205, pp.964-979. **(SJR: Q1)**
6. Dweiri, F., **Khan, S.A.**, and Almulla, A., (2018), “A Multi-Criteria Decision Support System to Rank Sustainable Desalination Plant Location Criteria”, *Desalination*, Vol. 444, pp. 26-34. **(SJR: Q1)**
7. Ishtiaq, P., **Khan, S.A.**, and Ul-haq, M., (2018), “A Multi Criteria Decision Making Approach to Rank Supplier Selection Criteria for Hospital Waste Management: A Case from Pakistan”, *Waste Management & Research (WMR)*, Vol.36, No. 4, pp. 386-394. **(SJR: Q2)**

8. Rehman, S.T, **Khan, S.A.**, Kusi-Sarpong, S., and Hassan, S.M., (2018), “Supply chain performance measurement and improvement system: A MCDA-DMAIC methodology”, *Journal of Modeling in Management, (JMM)*, Vol. 13, No.3, pp. 522-549. **(SJR: Q2)**
9. Jain, V. and **Khan, S.A.**, (2017), “Application of AHP in reverse logistics service provider selection: A case study”, *International Journal of Business Innovation and Research (IJBIR)*, Vol. 12, No. 1, pp.94-119. **(SJR: Q2)**
10. Hassan, S.M., **Khan, S.A.**, and Shah, S., (2017), “Supply Chain Performance Improvement within Collaborative Product Development Environment”, *International Journal of Business Performance and Supply Chain Modeling (IJBPSM)*, Vol. 9, No. 4, pp. 261-279. **(Scopus Indexed)**
11. *Burney, M., Rauf, A., Hassan, S.M. and **Khan, S.A.**, (2017), “Linking Planning Strategies with Supply Chain in an Extended Environment: A Theoretical Framework”, *International Journal of Modelling in Operations Management (IJMOM)*, Vol. 6, No. 4, pp. 215-235.
12. Dweiri, F., Kumar, S., **Khan, S.A.**, and Jain, V.,(2016), “ Designing an integrated AHP based decision support system for supplier selection in automotive industry, *Expert’s Systems with Application (ESWA)*, Vol.62, pp. 273-283. **(SJR: Q1)**
13. **Khan, S.A.**, Dweiri, F., and Jain, V., (2016), “Integrating Analytical Hierarchy Process and Quality Function Deployment in Automotive Supplier Selection”, *International Journal of Business Excellence (IJBX)*, Vol.9, No.2, pp.156-177. **(SJR: Q2)**
14. **Khan, S.A.**, and Sawicka, H., (2016), “Redesigning Supply Chain Network of a Lubricant Company: An Innovative Approach”, *LogForum: Scientific Journal of Logistics*, Vol. 12, No. 2, pp. 165-180.
15. **Khan, S.A.**, and Al Hosany, Y.I., (2016), “Multi-million construction contractor selection: A Comparative Study”, *International Journal of Intelligent Enterprise (IJIE)*, Vol. 3, No. 2, pp.93–119. **(SJR: Q3)**
16. *Ishtiaq, P., Hassan, S.M., and **Khan, S.A.**, (2016), “Performance analysis of inventory models, distribution and transportation networks in forward supply chain: a theoretical approach”, *International Journal of Modelling in Operations Management (IJMOM)*, Vol. 6, Nos. ½ , pp.59-87.
17. Cheaitou, A., and **Khan, S.A.**, (2015), “An Integrated Supplier Selection and Procurement Planning Model Using Product Pre-design and Operational Criteria”, *International Journal on Interactive Design and Manufacturing (IJIDeM)*, Vol.9, pp-213-224. **(SJR: Q1)**
18. Dweiri, F., **Khan, S.A.**, and Shamsuzzaman, M., (2015), “The use of statistical process control techniques in the web application products”, *International Journal of Industrial & System Engineering (IJISE)*, Vol. 20, No. 1, pp.69–83. **(SJR: Q2)**

19. Dweiri, F., **Khan, S.A.**, and Jain, V., (2015), "Production Planning Forecasting Method Selection in a Supply Chain: A Case Study", *International Journal of Applied Management Science (IJAMS)*, Vol. 7, No. 1, pp.38–58. (**SJR: Q3**)
20. Brahim, N. and **Khan, S.A.** (2014), "Warehouse location with production, inventory, and distribution decisions: a case study in the lube oil industry", *4OR-Quarterly Journal in Operation Research*, Vol. 12, No. 2, pp. 175-197. (**SJR: Q1**)
21. **Khan, S.A.**, (2014), "Decision Making Using Engineering Economic Tools A Real Case Study", *Industrial Engineering and Management (IEM)*, Vol.3. No.2, pp.1-6.
22. Brahim, N., Alsyof, I., Dweiri, F. and **Khan, S.A.**, (2013), "Implementing Cooperative Education in an Industrial Engineering Program in the United Arab Emirates: Experience and Lessons learned," *International Journal of Engineering Education (IJEE)*, Vol. 29, No. 5, pp. 1–10. (**SJR: Q2**)
23. **Khan, S.A.**, and Zaidi, S.A, (2013), "Warehouse Location Decision in Pakistan: A Real Case Study", *International Journal of Supply Chain Management (IJSCM)*, Vol.2, No.2, pp.70-83. (**SJR: Q3**)
24. Dweiri, F. and **Khan, S.A.**, (2013), "Managing the firing process of ceramics tiles to reduce convexity defect: design of experiment approach", *International Journal of Intelligent Enterprise (IJIE)*, Vol. 2, No. 1, pp.46–63. (**SJR: Q3**)
25. Zaidi, S.A, **Khan, S.A.**, and Dweiri, F, (2012), "Implementation of Inventory Management System in a Furniture Company: A Real Case study", *International Journal of Engineering & Technology (IJET)*, Vol.2 No.8, pp.1457-1474. (**SJR: Q3**)
26. Dweiri, F and **Khan, S.A.**, (2012), "Development of a Universal Supply Chain Management Performance Index", *International Journal of Business Performance and Supply Chain Modeling (IJBPSM)*, Vol 4. Nos. 3/4, pp. 232-245. (**Scopus Indexed**)
27. **Khan, S.A.**, and Zaidi, S.A, (2012), "Ranking of Manufacturing Systems Criteria", *International Journal of Engineering Science & Technology (IJEST)*, Vol.4, No.6, pp. 2936-2941.
28. Brahim, N., Alsyof, I., Dweiri, F. and **Khan, S.A.**, (2012), "Cooperative Education in an Industrial Engineering Program," *International Forum on Engineering Education (IFEE)*, Volume 102, Pages 446–453.

(b) Conference Papers (Accepted or Presented)

1. Syed, I, **Khan, S.A.**, and Brahim, N., "Distribution Network Design for an Oil Blending Company", *8th International Conference in Industrial Engineering and Operations Management (IEOM)*, Bandung, Indonesia, 6th – 8th March, 2018.

2. Pelissari, R., **Khan, S.A.**, and Ben-Amor, S., "Application of Multi-Criteria Decision Making Methods in Sustainable Manufacturing: A Systematic Literature Review", *24th International Conference on Multi Criteria Decision Making- MCDM*, Ottawa, Canada, 10th - 14th July, 2017.
3. **Khan, S.A.**, Dweiri, F., and Chaabane, A., "A Fuzzy-AHP Approach for Warehouse Performance Measurement", *IEEE International Conference on Industrial Engineering and Engineering Management (IEEE IEEM)*, Bali- Indonesia, 4th -7th December, 2016.
4. Jain, V., and **Khan, S.A.**, "Reverse Logistics Service Provider Selection: A TOPSSIS-QFD Approach", *IEEE International Conference on Industrial Engineering and Engineering Management (IEEE IEEM)*, Bali- Indonesia, 4th -7th December, 2016.
5. **Khan, S.A.**, Dweiri, F., and Chaabane, A., "Managing Warehouse Inventory: A Simulation Based Study", *11th International Conference on Modeling, Optimization and Simulation - MOSIM*, Montréal, Québec, Canada, 22nd -24th August, 2016.
6. Dweiri, F., and **Khan, S.A.**, "Third Party (3P) Warehouse Location Selection in a Lube Oil Company: An AHP Approach", *23rd International Conference on Multi Criteria Decision Making- MCDM*, Hamburg, Germany, 2nd -7th August, 2015.
7. **Khan, S.A.**, Chaabane, A., and Dweiri, F., "Multi-Criteria Decision Making Methods Application in Supply Chain Management: A Systematic Literature Review", *23rd International Conference on Multi Criteria Decision Making*, Hamburg, Germany, 2nd - 7th August, 2015.
8. Dweiri, F., **Khan, S.A.**, Shamsuzzam, M. "The Use of Statistical Quality Control Charts for the Acceptance and Sign-off Process for Web Application Products", *International Conference on Industrial Engineering and Operations Management (IEOM)*, pp. 1317-1321, Istanbul, Turkey, 3rd – 6th July, 2012.
9. Dweiri, F and **Khan, S.A.**, "Ranking of Automotive Supplier Selection Criteria in Pakistan: An AHP Approach". *IEEE International Conference on Industrial Engineering and Engineering Management (IEEE IEEM)*, Hongkong, 10th -13th December, 2012.
10. Brahimi, N. and **Khan, S.A.**, "A Case study of an inventory location problem with production and distribution decisions", *1st International Conference on Logistics & Operations Management*, Le-havre- France, 17th -19th October, 2012.
11. Brahimi, N., Alsyof, I., Dweiri, F. and **Khan, S.A.**, Cooperative Education in an Industrial Engineering Program, *International Forum on Engineering Education (IFEE)*, Putra World Trade Centre Malaysia, November 20-22, 2012.

(c) Book Chapter

1. **Khan, S.A.**, Chaabane, A., and Dweiri, F. (2018), "*MCDM Methods Application in Supply Chain Management: A Systematic Literature Review*", Multi-criteria Methods and Techniques Applied to Supply Chain Management (pp.1-31), ISBN: 978-1-78923-335-3, IntechOpen Publisher London, SE19SG - United Kingdom. doi: 10.5772/intechopen.74067.

(d) Other Publication (Editorials and Opinion Articles)

1. Khan, S.A, (2014), "Is it Possible to Maximize Return on Investment and Achieve Adequate Market Share at the Same Time?" *Industrial Engineering and Management*, Vol.3, No.5, pp. 1-2 (Opinion Article).
2. Khan, S.A, (2013), "Importance of Measuring Supply Chain Management Performance" *Industrial Engineering and Management*, Vol.2, No.5, pp. 1-2 (Editorial Article).