

## Syed Asif Raza, PhD

Department of Marketing & Business Analytics

Texas A&M Commerce, Texas

Google Scholar: <http://scholar.google.com/citations?user=E3zZx54AAAAJ>

Web of Science: <http://www.researcherid.com/rid/H-5238-2016>

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=8557133300>

Research Gate: [https://www.researchgate.net/profile/Syed\\_Raza34](https://www.researchgate.net/profile/Syed_Raza34)

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## Education

### Concordia University

Montreal, Canada

- Ph.D, Mechanical & Industrial Engineering Department, 2007

Major: Operations Research

Dissertation topic: *Optimal fare pricing and seat inventory control in airline industry under market competition*

### King Fahd University of Petroleum & Minerals

Dhahran, Saudi Arabia

- M.S., Systems Engineering Department, 2002

Major: Operations Research

Thesis topic: *Simultaneous scheduling of jobs and maintenance operations on a single machine under various maintenance policies*

### N.E.D University of Engineering & Technology

Karachi, Pakistan

- B.E, Mechanical Engineering, 1999

## Research Interests

Business Analytics, Revenue Management, Air Transports, Pricing, Supply Chain Management, Scheduling, Meta-heuristics, Simulation, Applied Operations Research, Evolutionary Algorithms, Data Science, Optimization, Financial Modeling, Empirical Research Methodologies, Bibliometric Analysis

## Awards & Career Highlights

- Distinguished Researcher Award, Sultan Qaboos University, Muscat, Oman, 2022
- Distinguished Teaching Performance Certificate, Sultan Qaboos University, Muscat, Oman, 2022
- *Google scholar*, citation indices: Total citation = 1193, h-index= 21, i10-index= 36, <http://scholar.google.com/citations?user=E3zZx54AAAAJ>
- *Scopus*, citation indices: Total citation = 664, h-index=16, <https://www.scopus.com/authid/detail.uri?authorId=8557133300>
- *Research Grant Awards* , Totaling \$ 1 million funds as Lead Principal Investigator, Qatar National Research Fund, 2010-2013
- *More than forty (40) refereed publications*, including in top-tier journals such as *European Journal of Operational Research*, *International Journal of Production Economics*, *Journal of Cleaner Production*, *Applied Mathematical Modelling*, *Computers & Industrial Engineering*,

*Journal of Heuristics, Design Studies, 4OR- A Quarterly Journal of Operations Research, Expert Systems, RAIRO- Operations Research, International Journal of Quality and Reliability Management, International Journal of Health Care Quality Assurance, Journal of Enterprise Information Management, Journal of Quality in Maintenance Engineering, Journal of Revenue and Pricing Management, Benchmarking- An International Journal,* among others.

- 2016 Emerald Literati Network Award for Excellence for an outstanding paper
- Best conference paper awards: *40th Annual conference meeting of Decision Science Institute (DSI)* in 2009; and *12th International DSI annual conference* in 2013
- Best Researcher Award, College of Business & Economics, Qatar University, 2013
- Young Scientist Research Experience Program award, Awarded \$ 185,000, 2010

## Work Experience

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|--|--------------------------------------|
| <ul style="list-style-type: none"> <li>• <b>Instructor</b></li> </ul>  | 2022 - onward<br>Texas, US           |
| <ul style="list-style-type: none"> <li>• Department of Marketing &amp; and Business Analytics<br/>Texas A&amp; M University, Commerce</li> </ul> |                                      |
| <ul style="list-style-type: none"> <li>• <b>Associate Professor</b></li> </ul>   | 2017 -2022<br>Muscat, Oman           |
| <ul style="list-style-type: none"> <li>• Department of Operations Management &amp; Business Statistics<br/>Sultan Qaboos University</li> </ul>   |                                      |
| <ul style="list-style-type: none"> <li>• <b>Associate Professor</b></li> </ul>   | 2016- 2017<br>Doha, Qatar            |
| <ul style="list-style-type: none"> <li>• College of Business &amp; Economics, Qatar University</li> </ul>  |                                      |
| <ul style="list-style-type: none"> <li>• <b>Assistant Professor</b></li> </ul>   | 2008 - 2015<br>Doha, Qatar           |
| <ul style="list-style-type: none"> <li>• College of Business &amp; Economics, Qatar University</li> </ul>  |                                      |
| <ul style="list-style-type: none"> <li>• <b>Post-Doctoral Research Fellow</b></li> </ul>   | 2007 - 2008<br>Montreal, Canada      |
| <ul style="list-style-type: none"> <li>• CIRRELT<sup>1</sup> formerly CRT, University of Montreal</li> </ul>                                     |                                      |
| <ul style="list-style-type: none"> <li>• <b>Research Assistant</b></li> </ul>  | 2003 - 2007<br>Montreal, Canada      |
| <ul style="list-style-type: none"> <li>• Mechanical &amp; Industrial Engineering Dept., Concordia University</li> </ul>                          |                                      |
| <ul style="list-style-type: none"> <li>• <b>Teaching Assistant</b></li> </ul>  | 2004 - 2007<br>Montreal, Canada      |
| <ul style="list-style-type: none"> <li>• John Molson School of Business<br/>Concordia University</li> </ul>                                      |                                      |
| <ul style="list-style-type: none"> <li>• <b>Research Assistant</b></li> </ul>  | 1999 - 2002<br>Dhahran, Saudi Arabia |
| <ul style="list-style-type: none"> <li>• System Engineering Department<br/>King Fahd University of Petroleum &amp; Minerals</li> </ul>           |                                      |

## Research Funding

(The list of my current funded grants is available from the following website of the funded agency  
Qatar Foundation: [http://qnrq.org/awarded\\_proposals/](http://qnrq.org/awarded_proposals/)  
Please insert my name in the "Participant name" field to search all my funded projects.)

- *Project title:* NPRP 5-023-05-006: Competitive Airline Revenue and Fare Pricing Optimization Facing Customers Behavior  
*Funding Agency:* Qatar National Research Foundation  
*Role:* Lead Principal Investigator  
*Prorated amount:* \$450,000  
*Period:* 2012-2015 (Completed)
- *Project title:* NPRP 4-173-05-025: An Integrated approach to optimal product selection, inventory, and pricing strategy  
*Funding Agency:* Qatar National Research Foundation  
*Role:* Lead Principal Investigator  
*Funding amount:* \$300,000  
*Period:* 2011-2013 (Completed)
- *Project title:* YSREP 1-002-05-001 Econometric models for Revenue Management for a Firm Facing Customers' Cannibalization  
*Funding Agency:* Qatar National Research Fund  
*Role:* Principal Investigator  
*Funding amount:* \$185,000  
*Period:* 2011-2013 (Completed)
- *Project title:* UREP 08: Optimal riskless and risk-based pricing for a multiple products offering firm facing market cannibalization  
*Funding Agency:* Qatar National Research Fund  
*Role:* Principal Faculty Member  
*Funding amount:* \$20,000  
*Period:* 2010-2011 (Completed)
- *Project title:* UREP 06: Competitive fare pricing and booking control in airline industry  
*Funding Agency:* Qatar National Research Fund  
*Role:* Principal Faculty Member  
*Funding amount:* \$20,000  
*Period:* 2009-2010 (Completed)

## Book

1. *Measuring Design Effort in Product Development*, ISBN:978-3-639-03100-3, VDM Publishing, Germany, 2009

## Archival Journal Publications

\* *indicates sole/single author publication*

**Accepted:**

1. S. A. Raza, S. M. Govindaluri, "Process mean selection and price differentiation in an imperfectly segmented market for a risk-averse firm" to appear in *IMA Journal of Management Mathematics*, **Impact Factor (IF) = 2.095**, <https://doi.org/10.1093/imaman/dpac012>

**Published:**

1. S. A. Raza, S. M. Gonvindalluri, M. K. Bhutta, "Research themes in Machine Learning applications in Supply Chain Management using bibliometric analysis tools", *Benchmarking- An International Journal*, 2021, **Cite Score (CS) = 7.4**, <https://doi.org/10.1108/BIJ-12-2021-0755>
2. S. A. Raza, S. M. Gonvindalluri, "Pricing and market segmentation in a push-pull supply chain with sequential demand", *Computers & Industrial Engineering*, Vol. 164, <https://doi.org/10.1016/j.cie.2021.107882>, 2022, **IF = 7.18**
3. S. A. Raza, A. Hameed, "Models for maintenance planning and scheduling - A citation-based literature review and content analysis" *Journal of Quality in Maintenance Engineering*, <https://doi.org/10.1108/JQME-10-2020-0109>, 2021, **CS = 2.60**
4. \*S. A. Raza, "A bibliometric analysis of pricing models in supply chain", *Journal of Revenue and Pricing Management*, <https://doi.org/10.1057/s41272-021-00329-8>, 2021, **CS = 1.40**
5. \*S. A. Raza, "A systematic literature review of RFID in Supply Chain Management", *Journal of Enterprise Information Management*, <https://doi.org/10.1108/JEIM-08-2020-0322>, 2021, **IF = 5.661**
6. S. A. Raza, S. M. Gonvindalluri, "Omni-channel retailing in supply chains- A systematic literature review", *Benchmarking- An International Journal*, <https://doi.org/10.1108/BIJ-10-2020-0547>, 2021, **CS = 7.4**
7. \*S. A. Raza, "Price Differentiation and Inventory Decisions in a Socially Responsible Dual-Channel Supply Chain with Partial Information Stochastic Demand and Cannibalization", *Sustainability*, Vol. 12(22), pp. 9577, 2020, **IF = 3.889**
8. Q. Ahmed, S. A. Raza, and D. Anazi, "Reliability-based fault analysis models with industrial applications: A systematic literature review", *Quality and Reliability Engineering International*, Vol. 37(4), pp. 1307-1333, 2021, **IF = 3.007**
9. \*S. A. Raza, "A systematic literature review of closed-loop supply chains", *Benchmarking: An International Journal*, Vol.27(6), pp. 1765-1798, 2020, **CS = 7.4**
10. S. A. Raza, R. Ashrafi, A. Akgunduz, "A bibliometric analysis of revenue management in airline industry", *Journal of Revenue and Pricing Management*, Vol. 19(6), pp. 436-465, 2020, **CS = 1.40**
11. \*S. A. Raza, "Optimal decisions on fencing, pricing, and selection of process mean in imperfectly segmented markets", *RAIRO - Operations Research*, Vol. 54(6), pp. 1573-1592, 2020, **IF = 1.393**

12. S. A. Raza, L. Thalib, "Identifying mortality risk factors amongst Acute Coronary Syndrome patients admitted to Arabian gulf hospitals using machine learning methods", *Expert Systems*, Vol. 36(4), e12413, 2019, [IF= 2.812](#)
13. S. A. Raza, S. M. Gonvindalluri, "Pricing strategies in a dual-channel green supply chain with cannibalization and risk aversion", *Operations Research Perspectives*, Vol. 6, <https://doi.org/10.1016/j.orp.2019.100118>, 2019, [IF= 3.382](#)
14. S. A. Raza, S. M. Gonvindalluri, "Greening and price differentiation coordination in a supply chain with partial demand information and cannibalization", *Journal of Cleaner Production*, Vol.229, pp. 706-726, 2019, [IF= 11.072](#)
15. S. A. Raza, F. A. Abdullakutty, S. K. Rathinam, S. M. Gonvindalluri, "Multi-objective framework for process mean selection and price differentiation with leakage effects under price-dependent stochastic demand", *Computers & Industrial Engineering*, Vol. 127, pp. 698-708, 2019, [IF= 7.18](#)
16. H. Abdul, S. A. Raza, Q. Ahmed, F I. Khan, S. Ahmed, "A decision support tool for bi-objective risk-based maintenance scheduling of an LNG gas sweetening unit", *Journal of Quality in Maintenance Engineering*, Vol. 25, No. 1, pp. 65-89, 2019, [CS= 2.60](#)
17. \*S. A. Raza, "Supply chain coordination under a revenue-sharing contract with corporate social responsibility and partial demand information", *International Journal of Production Economics*, Vol. 205, pp. 1-14, 2018, [IF = 11.251](#)
18. K. J. Sharif, S. A. Raza, A. Das, "Fashion model profiles: the intersection of self, ideal and preferred", *Asia Pacific Journal of Marketing and Logistics*, Vol. 30, No. 2, pp. 23-42, 2018, [IF = 3.979](#)
19. S. A. Raza, S.K. Rathinam, M. Turiac, L. Kerbache, "An integrated revenue management framework for a firm's greening, pricing and inventory decisions", *International Journal of Production Economics*, Vol. 195 , pp. 373-390, 2018, [IF = 11.251](#)
20. S. A. Raza, M. N. Faisal, "Inventory models for joint pricing and greening effort decisions with discounts", *Journal of Modelling in Management*, Vol. 13, No. 1, pp. 2-26, 2018, [CS = 3.70](#)
21. S. A. Raza, S. K. Rathinam, "A risk tolerance analysis for a joint price differentiation and inventory decisions problem with demand leakage effect", *International Journal of Production Economics*, Vol. 183 , pp. 129-145 , 2017, [IF = 11.251](#)
22. S. A. Raza, F. C. Abdullahkutty, S.K. Rathinam, "Joint determination of process mean, price differentiation, and production decisions with demand leakage: A multi-objective approach", *Applied Mathematical Modelling*, Vol. 40, pp. 8446-8463, 2016, [IF = 5.336](#)
23. M. N. Faisal, S. A. Raza, "IT outsourcing intent in academic institutions in GCC countries: An empirical investigation and multi-criteria decision model for vendor selection", *Journal of Enterprise Information Management* , Vol. 29, No. 3, pp. 432-453, 2016, [IF = 5.661](#)
24. S. A. Raza, M. Turiac, "Joint optimal determination of process mean, production quantity, pricing, and market segmentation with demand leakage" *European Journal of Operational Research*, Vol. 249, No. 1, pp. 312-326, 2016, [IF = 6.363](#)

25. \* S. A. Raza, "The Impact of Differentiation Price and Demand Leakage on a Firm's Profitability", *Journal of Modelling in Management*, Vol. 10, No. 3, pp. 270-295 , 2015, *received outstanding Paper in the 2016 Emerald Literati Network Awards for Excellence*, **CS = 3.70**
26. \*S. A. Raza, "Optimal fare price differentiation with demand leakage in airline industry", *International Journal of Revenue Management*, Vol.8, No. 2, pp. 99-129 , 2015, **CS= 0.70**
27. \* S. A. Raza, "An Integrated Approach to Price Differentiation and Inventory Decisions with Demand Leakage", *International Journal of Production Economics*, Vol. 164, pp. 105-117, 2015, **IF = 11.251**
28. Q. Ahmed, K. S. Moghaddam, S. A. Raza, F. I. Khan, "A Multi Constrained Maintenance Scheduling Optimization Model for a Hydrocarbon Processing Facility", *Journal of Risk and Reliability*, Vol. 229, No. 2, pp. 151-168, 2015, **IF= 1.602**
29. Q. Ahmed, F. I. Khan, S. A. Raza, "A Risk-based Availability Estimation using Markov Method", *International Journal of Quality and Reliability Management*, Vol. 31, No.2, pp. 106-128, 2014, **CS= 4.20**
30. \*S. A. Raza, "A Distribution Free Approach to Newsvendor Problem with Pricing", *4OR- A Quarterly Journal of Operations Research*, Vol. 12, No. 4, pp. 335-358, 2014, **IF= 1.763**
31. I. F. Khudair, S. A. Raza, "Measuring Patients' Satisfaction with Pharmaceutical Service at a Public Hospital in Qatar", *International Journal of Health Care Quality Assurance*, Vol. 26, No. 5, pp. 398-419, 2013, **CS= 2.1**
32. A. Hassna, S. A. Raza, "The Status of Awareness of Project Portfolio Management Practices and Adaptation in Gulf Countries- An Empirical Study ", *International Journal of Project Organisation and Management*, Vol.2, No.2, pp. 174-192, 2010, **CS= 1.0**
33. S. A. Raza, U. M. Al-Turki, "A New Policy for Scheduling Maintenance on a Single Machine", *International of Journal of Applied Decision Sciences*, Vol.3. No. 2, pp. 132-150, 2010, **CS= 1.80**
34. S. A. Raza, A. Akgunduz, "The Impact of Fare Pricing Cooperation in Airline Revenue Management", *International Journal of Operational Research*, Vol. 7, No.. 3, pp. 277-296, 2010, **CS= 1.0**
35. A. Salam, N.F. Bhuiyan, G.J. Gouw, S.A. Raza, "Estimating Design Effort for Compressor Design Department: A Case Study at Pratt & Whitney Canada", *Design Studies*, Vol. 30, pp. 303-319, 2009, **IF= 3.853**
36. A. Salam, N.F. Bhuiyan, G.J Gouw, S.A. Raza, "Design Effort Estimation at Pratt & Whitney Canada for the Compressor Aerodynamics Department", *International Journal of Management Science and Engineering Management*, Vol. 3, No. 4, pp. 284-293, 2008, **SCI indexed**
37. S. A. Raza, A. Akgunduz, "An Airline Revenue Management Fare Pricing Game with Seat Allocation", *International Journal of Revenue Management*, Vol. 2, pp. 42-62, 2008, **CS = 0.70**

38. S. A. Raza, A. Akgunduz, "A Comparative Study of Heuristic Algorithms on Economic Lot Scheduling Problem", *Computers & Industrial Engineering*, Vol. 55, pp. 94-109, 2008, **IF = 7.18**
39. S. A. Raza, U. M. Al-Turki, "A Comparative Study of Heuristic Algorithms to Solve Maintenance Scheduling Problem", *Journal of Quality in Maintenance Engineering*, Vol. 13, pp. 398-410, 2007, **CS= 2.60**
40. S. A. Raza, U.M. Al-Turki, and S. Z. Selim, "Early Tardy Minimization for Joint Scheduling of Jobs and Maintenance Operations on a Single Machine", *International Journal of Operations Research, Special issue on Scheduling in Manufacturing and Service Industries*, Vol. 4, pp. 32-41, 2007
41. S. A. Raza, A. Akgunduz, and M.Y. Chen, "A Tabu Search Algorithm for Solving Economic Lot Scheduling Problem", *Journal of Heuristics*, Vol. 12, pp. 413-426, 2006, **IF= 2.247**
42. S. A. Raza, A. Akgunduz "The Use of Meta-heuristics to Solve Economic Lot Scheduling Problem", *Lecture Notes in Computer Science*, Vol. 3448, pp. 190-201, 2005, **IF= 0.402**

### Peer Reviewed Book Chapters

1. S. A. Raza, M. Turiac, "Optimal Fencing in Airline Industry with Demand Leakage", in *Global Logistics Management*, (edited by Kara, Sabuncuoglu, and Bidanda) , Taylor and Francis (CRC Press), <http://www.crcpress.com/product/isbn/9781482226942>, December 2014

### Journal Publications under Review

1. S. A. Raza, I . A. Burney, N. Pervez, M. Ahmed, "A bibliometric analysis of use of Machine learning and Artificial intelligence in Prostate Cancer Detection", submitted to *Computers in Biology & Medicine*, 2022, **IF =4.589**

### Peer Reviewed Conference Publications & Presentations

1. I. Hossain, M. Haq, S. A. Raza, and N. Saqib, 41st Eastern Economic Association Annual Conference, "Heterogeneity in Air Traveller's Attitudes in Choosing Travel Itinerary," Other, New York, United States. (February 2015).
2. S. A. Raza, and K. J. Sharif, "A Joint Optimal Control Strategy for Fare Pricing and Seat Inventory Control in Airline Industry Under Demand Leakage", *12th International Decision Science Institute Conference*, July 2013, *Received Best Paper Award*
3. S. A. Raza, "An Integrated Approach to Pricing, Inventory, Market Segmentation with Demand Leakage", *International Annual Conference of the German OR Society*, September 2012
4. I.F. Khudair, and S. A. Raza, "Measuring Patients Satisfaction with the Pharmaceutical Service at a Public Hospital in Qatar", *42nd Annual Meeting, Decision Science Institute (DSI)*, Boston, November 2011

5. J. Al-Khanji, and S. A. Raza, "Measuring the Effectiveness of Health Information Technologies in Public and Private Sector Hospitals in Qatar", *42nd Annual Meeting, Decision Science Institute (DSI)*, Boston, November 2011
6. S. A. Raza, "A Geometric Programming Approach to Distribution Approximation for Newsvendor Problem with Pricing", *42nd Annual Meeting, Decision Science Institute (DSI)*, Boston, November 2011
7. S. A. Raza, "An Optimal Joint Pricing and Capacity Planning Strategy for Multiple Products with Shortage Penalty and Budget Constraint", *41st Annual meeting, Decision Science Institute (DSI)*, San Diego, California, November 2010
8. S. A. Raza, "A Model for Optimal Pricing and Capacity Allocation for a Firm Facing Market Cannibalization", *International Conference on Industrial Engineering and Operations Management (IEOM)*, Kuala Lumpur, Malaysia, January 2011
9. S. A. Raza, "A Model for an Integrated Fare Pricing and Seat Allocation for the Airline Industry", *2010 Annual Conference of Production and Operations Management Society*, May 2010, Vancouver, Canada
10. S. A. Raza, "An Integrated Optimal Robust Pricing and Inventory Control Policy for Perishable Assets", *40th Annual meeting Decision Science Institute (DSI)*, New Orleans, U.S.A, November 2009, *Received Best Paper Award*
11. S. A. Raza, "A New Policy for Scheduling Maintenance on a Single Machine", *International Conference on Computational Management Science*, Geneva, May 2009
12. A.M. Salam, N.F. Bhuiyan, G.J. Gouw, and S.A. Raza, "Estimating Design Effort: A Case Study at Pratt & Whitney Canada", *IEEE International Conference on Industrial Engineering & Engineering Management*, pp. 989-993, December 2007, Singapore.
13. A.M. Salam, N.F. Bhuiyan, G.J. Gouw, and S.A. Raza, "Estimating Design Effort in Product Development at Pratt & Whitney Canada for Compressor Aerodynamics", Submitted in Oct. 2007 as a conference proceeding for INFORMS Optimization Society: Theory, Computation, and Emerging Applications Atlanta (OPT 2008 ID: 10), USA, Mar. 2008
14. S.A. Raza, and A. Akgunduz, "An Approximation Scheme for Pricing in Revenue Management", *Optimization Days*, May 2007, Montreal, Canada
15. S.A. Raza, and A. Akgunduz, "A Distribution Free Approach to Pricing Problem in Revenue Management", *INFORMS Annual Meeting, Pittsburgh*, November 2006.
16. A. Akgunduz, S.A. Raza, "An Airline Revenue Management Seat Allocation Game with Fare Pricing", *Canadian Operations Research Society (CORS)*, May 2006, Montreal, Canada
17. S.A. Raza, and A. Akgunduz, "The Use of Meta-Heuristics to Solve Economic Lot Scheduling Problem", *EvoCop*, Lausanne, Switzerland, April 2005,
18. S.A. Raza, and A. Akgunduz, "A Simulated Annealing based Heuristic to a Class of Economic Lot Scheduling Problem", *Optimization Days*, May 2005, Montreal, Canada



19. S.A. Raza, "Scheduling of Jobs and Maintenance Operations on a Single Machine", *Optimization Days*, Montreal, May 2004, Canada
20. U.M Al-Turki, S.A. Raza, "Integrated Scheduling of Maintenance Operations and Jobs Processing on a Single Machine", *Joint International meeting Euro INFORMS*, July 2003, Istanbul

## Working papers

1. S. A. Raza, S. M. Gonvindalluri, "A systematic literature review of RFID applications in supply chains"
2. S. A. Raza, "Pricing and market segmentation coordination in a push-pull supply chain with sequentially observed demand under risk-aversion"
3. S. A. Raza, "Omni-channel retailing in supply chain and distribution management- a bibliometric analysis"
4. I. Hossain, and M. Haq, S. A. Raza, and N. Saqbib, "Heterogeneity in air traveller's attitudes in choosing travel Itinerary"
5. K. Sundar, S. Venkatachalam, S. K. Rathinam, and S. A. Raza, "Optimal robust pricing and capacity allocation for a multi-product problem"

## Teaching Experience

Held discussion sections/labs, office hours and graded homeworks/exams for the following undergraduate and graduate classes:

- *Texas A&M University, Commerce (2022 - onward)*
  - BUSA 537, Advanced Business Analytics (R programming, Graduate course)
  - BUSA 511, Business Analytics for Managers (Excel, R)
  - BUSA 423, Business Analytics Programming (Python)
  - BUSA 1305, Business Computing Systems
- *Sultan Qaboos University (2017- 2022)*
  - STAT-4834, Data Mining With Statistical Methods (XIMiner, R)
  - STAT-3833, Computer Software for Business Statistics (SAS, SPSS, R)
  - POMG-2710, Operations Management
  - POMG-4726, Applied Optimization Methods
  - STAT-3822, Probability Models in Business Decisions
  - STAT-1811, Business Statistics
  - POMG 5711, Quantitative Methods (Graduate course)
  - POMG 6713, Operational Management (MBA course)
- *Qatar University (2008- 17)*

- MAGT-304, Production and Operations Management
- STAT-220, Business Statistics-I
- STAT-222, Business Statistics-II
- MATH-221, Business Mathematics II
- MAGT-401, Quantitative Methods for Business
- MBA-600, Applied Graduation Projects (Graduate course)
- STAT-520, Business Statistics (Graduate course)
- *Concordia University (2004- 07)*
  - COMM-215, Business Statistics
  - COMM-225, Production and Operations Management
  - MBA-615, Managerial Statistics
- *King Fahd University (1999- 2002)*
  - SE-402, Production Planning and Control
  - SE-448, Sequencing and Scheduling
  - SE-449, Maintenance Planning and Control
  - SE-320, Quality Control
  - SE-303, Operations Research I
  - SE-403, Operations Research II
  - SE-325, Engineering Statistics

## Student Advising

- *Research supervision on Funded Projects*
  - Micheal Turiac, Research Assistant/ Doctoral Student hired on NPRP-05-023-06-006, Qatar University, 2012 – *present*
  - Faseela Chakkalakkal Abdullakutty, Research Assistant hired on NPRP 4-173-05-023, Qatar University, 2013 – 15
  - Munshi Masud ul Haq, Research Assistant hired on YSREP 1-002-05-001, Qatar University, 2013 – 14
  - Syed Hasan Adil, Research Assistant hired on NPRP 4-173-05-025, Qatar Univesity, 2012
  - Muhammed Tahir Ali, Research Assistant hired on YSREP 1-002-05-001, Qatar University, 2012
  - Qadeer Ahmed, Doctoral Student co-supervised with Prof. Faisal I. Khan, Memorial University Newfoundland, Canada, 2009 – 11.
- *Completed MBA Graduation Projects at HEC Paris*
  - Perceived market valuation of Catalogue in Qatar

- *Completed MBA Graduation Projects at Qatar University*
  - Patient’s satisfaction with pharmaceutical services in Qatar’s public hospital (*Published in International Journal of Health Care Quality Assurance*)
  - Impact of family responsibilities on career success among employees working in the semi-government sector in the state of Qatar (*Published in International Journal of Arab Culture Management & Sustainable Development*)
  - The status of project portfolio management practices adoption and awareness in Gulf cooperation countries: an empirical study (*Published in International Journal of Project Organisation & Management*)
  - Qatar stock exchange index
  - Effects of employee stock options plans on employee attitude
  - A comparative study of the financial characteristics of interest-free banks and conventional banks: a case from the state of Qatar
  - Predictors of knowledge management support in organizations in Qatar
  - Post-tonsillectomy hemorrhage factors: determinants of onset of bleeding
  - Employees’ motivation factors in Qatar’s workplace
  - Predictors Of Information Security Management Practices in The Organizations Operating In The State Of Qatar.
  - The link between HRM practices and employee well-being at work in Qatar’s workplace
  - Relationships between staff perceptions of the physical environment, their perceived stress, and job satisfaction: a cross-sectional questionnaire survey of a hospital in Qatar
  - Optimal risk based pricing in perfect and imperfect market segmentation (*Published in Studies in Business and Economics*)
  - An assessment of the relationship between the faculty performance in teaching, scholarly endeavor, and service at Qatar University (*Published in Research in Higher Education Journal*)
  - Causes of delay in construction projects in the state of Qatar
  - The status of strategic planning in Qatari organization
  - How to boost retention by increasing the perceived organizational support
  - Impact of human resource management practices on banks’ performance in Qatar
  - Job satisfaction of expatriates in Qatar
  - Teacher motivation and Teacher overall job satisfaction in the independent schools in Qatar
  - Impact of online shopping satisfaction, trust and enjoyment on online repurchase intention in Qatar
  - Employee’s Retention In Oil and Gas Industry In Qatar
  - Awareness of TQM practices by Managers in cooperate sector of Qatar
  - The use of information technology to improve health care and patient safety in Qatar
  - An empirical study of impact of TQM into Oil and Gas sector in Qatar

## Professional Experience and Service

### *Workshops Presented*

- Data Analytics using R, Qatar University, 2015
- Data Analytics using MATLAB, Qatar University, 2015
- Modeling using MATHEMATICA, Qatar University, 2015
- MATHEMATICA Training Workshop, Qatar University, 2014
- Business Data Analysis Using SPSS, Qatar University, 2013
- Business Research Methods, Qatar University, 2012

### *Invited Reviewer*

- European Journal of Operational Research, (Reviewed 9 papers)
- International Journal of Production Economics, (Reviewed 20 papers)
- International Journal of Production Research, (Reviewed 10 papers)
- Computers & Industrial Engineering, (Reviewed 10 papers)
- Annals of Operations Research, (Reviewed 3 paper)
- Business Ethics- A European Review (Reviewed 1 paper)
- 4OR- A Quarterly Journal of Operations Research, (Reviewed 2 paper)
- RAIRO - Operations Research (Reviewed 2 papers)
- Operations Research - An International Journal (Reviewed 2 papers)
- International Journal of Quality and Reliability Management, (Reviewed 2 papers)
- International Journal of Health Care Quality Assurance, (Reviewed 1 paper)
- International Journal of Systems Science, (Reviewed 1 paper)
- Optimization Letters, (Reviewed 1 paper)
- Book entitled, Global logistic Management, Taylor and Francis (CRC) Press, 2013
- 2009 DSI Annual Meeting Conference, New Orleans, USA, (Reviewed proceeding papers)
- 2010 DSI Annual Meeting Conference, San Diego, USA, (Reviewed proceeding papers)
- 2011 DSI Annual Meeting Conference, Boston, USA, (Reviewed proceeding papers)
- 2012 DSI Annual Meeting Conference, Baltimore, USA, (Reviewed proceeding papers)

### *Seminars/Lectures*

- Research Seminar on Revenue Management, Karachi School of Business Leadership, Karachi, Pakistan, 2014
- Research Seminar, College of business, Qatar University, Doha, Qatar 2008
- Faculty Seminar, American University of Beirut, 2007
- Faculty Seminar, Lahore University of Management Sciences, Pakistan, 2007

***External Examiner/ PhD Dissertation Committee***

- PhD Dissertation External Examiner, Centre for Research, ANNA University, Chennai, India, 2014

***Research Collaboration***

- Funded projects, NPRP 4-173-05-025, NPRP 5-023-05-006 with the Texas A & M University, College Station, USA
- Funded project, NPRP 5-023-05-006 with HEC Paris, France

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