

## Abdul Salam

Assistant Professor

NUST Business School

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## About

Dr. Abdul Salam is working as Assistant Professor in the NUST Business School. Dr. Abdul Salam has a PhD in Industrial Engineering. Dr. Abdul Salam has published 25 research articles & conference papers having a citation count of 139, carried out 0 projects and filed 0 intellectual property.

## Qualifications

<b>PhD in Industrial Engineering</b> Ecole Nationale Supérieure d'Arts et Métiers de Paris , France	2018 - 2021
<b>MS in Engineering Management</b> NUST, Islamabad , Pakistan	2012 - 2014
<b>BS in Mechanical Engineering</b> UET Peshawar , Pakistan	2008 - 2012
<b>F.Sc in Pre engineering</b> BISE, Peshawar , Pakistan	2006 - 2008
<b>Matric (SSC) in Science</b> BISE, Peshawar , Pakistan	1996 - 2006

## Experience

<b>Assistant Professor</b> NUST Business School	2024- Present
<b>Assistant Professor</b> NUST Business School	2021 - 2021
<b>Lecturer</b> NUST Business School	2021 - 2021
<b>Lecturer</b> NUST Business School	2018 - 2021
<b>Lecturer</b> NUST Business School	2017 - 2018

## Awards

Best presenter award at the IEEE conference held in Paris between 15-17th January 2020.	2020
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## Research Articles

<b>The impact of reverse logistics process coordination on third party relationship quality: A moderated mediation model for multichannel retailers in the fashion industry</b> <i>Mahin Haq Muhammad Moazzam Abdul Salam Waqas Ahmed</i> <i>Journal of Retailing and Consumer Services</i> , Volume 73, Article Number 103362 <b>Impact Factor:</b> 10.972   <b>Quartile:</b> 1   <b>Citations:</b> 14 <b>DOI:</b> <a href="https://doi.org/10.1016/j.jretconser.2023.103362">https://doi.org/10.1016/j.jretconser.2023.103362</a>	2023
<b>A Comparative Analysis of Rainwater Harvesting System and Conventional Sources of Water</b> <i>Abdul Salam Khan</i> <i>Water Resources Management</i>	2023

<b>Impact Factor: 4.426   Quartile: 1   Citations: 14</b> <b>DOI: 10.1007/s11269-023-03479-z</b>	
<b>Modeling and Optimization of Assembly Line Balancing Type 2 and E (SLBP-2E) for a Reconfigurable Manufacturing System</b> <i>Abdul Salam Khan Razaullah Khan Waqas Saleem Bashir Salah Soliman Alkhatib</i> <i>Processes</i> , Volume 10(8), Article Number 1582 <b>Impact Factor: 3.5   Quartile: 2   Citations: 3</b> <b>DOI: <a href="https://doi.org/10.3390/pr10081582">https://doi.org/10.3390/pr10081582</a></b>	2022
<b>Problem-Specific Heuristics for Diagnosability and Inventory Analysis in a Reconfigurable Manufacturing System</b> <i>Abdul Salam</i> <i>IEEE Access</i> , Volume 10, Pages 70032-70052 <b>Impact Factor: 3.476   Quartile: 2   Citations: 3</b> <b>DOI: 10.1109/ACCESS.2022.3187812</b>	2022
<b>An analysis of the theoretical and implementation aspects of process planning in a reconfigurable manufacturing system</b> <i>Abdul Salam Khan Lazhar Homri Prof. Jean Yves Dantan Ali Siadat</i> <i>International Journal of Advanced Manufacturing Technology</i> , Pages 1-32 <b>Impact Factor: 3.226   Quartile: 2   Citations: 24</b> <b>DOI: <a href="https://doi.org/10.1007/s00170-021-08522-0">https://doi.org/10.1007/s00170-021-08522-0</a></b>	2022
<b>Multi-Objective Optimization of a Cost-Effective Modular Reconfigurable Manufacturing System: An Integration of Product Quality and Vehicle Routing Problem</b> <i>Abdul Salam</i> <i>IEEE Access</i> , Volume 10, Pages 5304-5326 <b>Impact Factor: 3.367   Quartile: 2   Citations: 5</b> <b>DOI: 10.1109/ACCESS.2021.3137563</b>	2022
<b>Modularity-based quality assessment of a disruptive reconfigurable manufacturing system-A hybrid meta-heuristic approach</b> <i>Abdul Salam Khan Lazhar Homri Jean Yves Dantan Ali Siadat</i> <i>International Journal of Advanced Manufacturing Technology</i> , Pages 1-24 <b>Impact Factor: 3.563   Quartile: 2   Citations: 13</b> <b>DOI: <a href="https://doi.org/10.1007/s00170-021-07229-6">https://doi.org/10.1007/s00170-021-07229-6</a></b>	2021
<b>Application of Exact and Multi-Heuristic Approaches to a Sustainable Closed Loop Supply Chain Network Design</b> <i>Qazi Salman Khalid Khawar Naeem Rafiq Ahmad Razaullah Khan Waqas Saleem Catalin Iulian Pruncu Abdul Salam Khan</i> <i>Sustainability</i> , Volume 13(5), Article Number 2433 <b>Impact Factor: 3.889   Quartile: 2   Citations: 7</b> <b>DOI: 10.3390/su13052433</b>	2021
<b>A Comparison between Dedicated and Flexible Manufacturing Systems: Optimization and Sensitivity Analysis</b> <i>Abdul Salam Khan Khawar Naeem Razaullah Khan</i> <i>Mehran University Research Journal of Engineering and Technology</i> , Volume 40, No. 1, Pages 130-139 <b>Impact Factor: 0</b> <b>DOI: 10.22581/muet1982.2101.12</b>	2021
<b>A Sustainable Distribution Design for Multi-Quality Multiple-Cold-Chain Products: An Integrated Inspection Strategies Approach</b> <i>Dominik Zimon Bashir Salah Muhammad Ikram Razaullah Khan Catalin I. Pruncu Dominik Zimon Bashir Salah Muhammad Ikram Razaullah Khan Catalin I. Pruncu Dominik Zimon Abdul Salam Khan Bashir Salah Muhammad Ikram Razaullah Khan Catalin I. Pruncu</i> <i>Energies</i> , Volume 13(24), Article Number 6612 <b>Impact Factor: 3.004   Quartile: 3   Citations: 18</b> <b>DOI: 10.3390/en13246612</b>	2020
<b>Improved MRO Inventory Management System in Oil and Gas Company: Increased Service Level and Reduced Average Inventory Investment</b> <i>Usman Ali Bashir Salah Khawar Naeem Abdul Salam Khan Razaullah Khan Catalin Iulian Pruncu Muhammad Abas Saadat Khan Usman Ali Bashir Salah Khawar Naeem Razaullah Khan Catalin Iulian Pruncu Muhammad Abas Saadat Khan Usman Ali Bashir Salah Khawar Naeem Razaullah Khan Catalin Iulian Pruncu Muhammad Abas Saadat Khan</i>	2020

*Sustainability* , Volume 12(19), Article Number 8027

**Impact Factor:** 3.251 | **Quartile:** 2 | **Citations:** 13

**DOI:** 10.3390/su12198027

**A Trade-off Analysis of Economic and Environmental Aspects of a Disruption Based Closed-Loop Supply Chain Network**

2020

*Catalin Iulian Pruncu Razaullah Khan Khawar Naeem Abdul Ghaffar Pakeeza Ashraf Shah Room Abdul Salam Khan Catalin Iulian Pruncu Razaullah Khan Khawar Naeem Abdul Ghaffar Pakeeza Ashraf Shah Room*

*Sustainability* , Volume 12, Issue 17, Article Number 7056

**Impact Factor:** 3.251 | **Quartile:** 3 | **Citations:** 12

**DOI:** <https://doi.org/10.3390/su12177056>

**A Mathematical Model for Reduction of Trim Loss in Cutting Reels at a Make-to-Order Paper Mill**

2020

*Razaullah Khan Catalin Iulian Pruncu Abdul Salam Khan Khawar Naeem Muhammad Abas Qazi Salman Khalid Asnaf Aziz*

*Applied Sciences* , Volume 10(15), Article Number 5274

**Impact Factor:** 2.679 | **Quartile:** 2 | **Citations:** 13

**DOI:** <https://doi.org/10.3390/app10155274>

**The Relationship between General Aviation Pilot Age and Accident Rate**

2020

*Raja Muhammad Riaz Khawar Naeem Abdul Salam Khan Muhammad Abas Misbah Ullah*

*Mehran University Research Journal of Engineering and Technology*, Volume 39, No. 3, Pages 506-516

**Impact Factor:** -

**DOI:** DOI: 10.22581/muet1982.2003.05

**Decision Support Mechanism for Cellular Production System - Application of NSGA-II Meta-heuristic and TOPSIS Ranking**

2019

*Abdul Salam Khan R. Ullah*

*The Nucleus* , Vol.56, No.2, Pages 70-77

**Impact Factor:** -

**DOI:** NA

**Analysis of Closed Loop Production System using Orthogonal Array and Integer Programming Optimization**

2019

*Abdul Salam Khan*

*Mehran University Research Journal of Engineering and Technology*, Volume: 38, Issue: 3, Pages: 851-866

**Impact Factor:** N/A

**DOI:** DOI: 10.22581/muet1982.1903.25

**Mixed Integer Linear Programming Optimization of Multi-Node Transportation Transshipment Network**

2018

*Abdul Salam Khan*

*Journal of Applied and Emerging Sciences*, Volume 8, Number 1, Pages 70-76

**Impact Factor:** N/A

**DOI:** <http://dx.doi.org/10.36785/jaes.v8i1.245>

**Industry Academia Collaboration in the Context of Open Innovation: Empirical Evidence from Pakistan**

2018

*Abdul Salam Khan Syed Maqsood Ahmad Syed Maqsood Ahmad Syed Maqsood Ahmad*

*Sarhad Journal of Management Sciences* , Volume 4, Issue 2, Pages 228-245

**Impact Factor:** 0

**DOI:** <https://doi.org/10.31529/sjms.2018.4.2.8>

**Economic Efficiency and Distortions to Incentives in Production of Cotton and Rice Crops in Punjab**

2016

*Abdul Salam Sadia Tufail*

*NUST Journal of Social Sciences and Humanities*, Volume 02, No.1, Pages 29-49

**Impact Factor:** -

**DOI:** -

- A Cold Chain Vehicle Routing Problem Embedded with Manufacturing, Remanufacturing and Product Quality Under Multiple Constraints** 2021  
*Abdul Salam Khan Prof. Ali Alarjani*  
2021 IEEE International Conference on Industrial Engineering and Engineering Management (IEEM), res.country(197,)  
**Citations:** N/A
- A Vehicle Routing Problem and Product Quality Embedded with a Scalable Reconfigurable Manufacturing System** 2021  
*Abdul Salam*  
2021 IEEE International Symposium on Systems Engineering (ISSE), res.country(12,)  
**Citations:** N/A  
**DOI:** 10.1109/ISSE51541.2021.9582540
- A Multi-Objective Assessment of Process Planning in a Disruptive Reconfigurable Manufacturing System: Application of Multi-heuristics** 2021  
*Abdul Salam Khan Lazhar Homri Jean Yves Dantan Ali Siadat Abdul Salam Khan Lazhar Homri Jean Yves Dantan Ali Siadat*  
2021 The 8th International Conference on Industrial Engineering and Applications (ICIEA 2021), res.country(68,)  
**Citations:** N/A  
**DOI:** <https://doi.org/10.1145/3463858.3463887>
- Cost and Quality assessment of a Disruptive Reconfigurable Manufacturing System based on MOPSO metaheuristic** 2020  
*Abdul Salam Khan Lazhar Homri Jean Yves Dantan Ali Siadat*  
IFAC World Congress 2020, res.country(57,)  
**Citations:** N/A  
**DOI:** 10.1016/j.ifacol.2020.12.2784
- Assessing the Effects of Sustainability Practices on Product Life Cycle- Clustering Approach** 2019  
*Abdul Salam Khan*  
International Conference on Industrial Engineering and Operations Management, res.country(217,)  
**Citations:** N/A  
**DOI:** N/A
- Design and Optimization of Single-Stage Multi- Product Supply Chain Network for Product Distribution: A Case Study** 2018  
*Razaullah Asnaf Aziz Abdul Salam Khan*  
IEEE International Conference on Service Operations and Logistics, and Informatics, res.country(197,)  
**Citations:** N/A  
**DOI:** 10.1109/SOLI43531.2018

## Editorial Activities

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<b>International Journal of Precision Engineering and Manufacturing</b> Reviewed Papers for Journals <b>Impact Factor: 2.041</b>	2022
 Reviewed Papers for Journals <b>Impact Factor: 2.592</b>	2022
 Reviewed Papers for Journals <b>Impact Factor: 2.592</b>	2022
 Reviewed Papers for Journals <b>Impact Factor: 2.592</b>	2022
 Reviewed Papers for Journals <b>Impact Factor: 3.251</b>	2022
 Reviewed Papers for Journals <b>Impact Factor: Cite score 2.1-IFAC MIM 2022 Conference</b>	2022
 Reviewed Papers for Journals <b>Impact Factor: 3.367</b>	2021
 Reviewed Papers for Journals <b>Impact Factor: Nil</b>	2021
 Reviewed Papers for Journals <b>Impact Factor: 3.367</b>	2021
 Reviewed Papers for Journals <b>Impact Factor: 3.367</b>	2021
 Reviewed Papers for Journals <b>Impact Factor: 2.149</b>	2021