

Profile Page

Research Interests :

Supply Chain (Green, Sustainable, Cold, Global, Food and Agriculture) Performance System, Reverse Logistics, 3PL and 4PL Logistics, Corporate Social Responsibility (CSR), Operations Management, New Product Development, Quality Control, Decision Analytics, Engineering Analysis

Other Profile Links :

Google Scholar Link :

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Journal Publications :

Year	Journal	Publication
2022	International Journal of E-Business Research. 18(2), 1-24. DOI: 10.4018/IJEBR.294109 (IGI Global).	Janpriy Sharma, Mohit Tyagi (2021). Assessment of the Endorsers of e-Business Practices for Food Supply Chain Performance System
2022	Journal of Advances in Management Research. 19(1), 106-138. DOI: 10.1108/JAMR-10-2020-0285. (Emerald)	Neeraj Kumar, Mohit Tyagi, Anish Sachdeva (2022). Depiction of possible solutions to improve the cold supply chain performance system
2022	Industrial Robot: the international journal of robotics research and application, 49(3), 555-581. DOI: 10.1108/IR-10-2021-0246. (Emerald)	Somesh Agrawal, Mohit Tyagi, R K Garg (2022). Framework Development and Evaluation of Industry 4.0 Technological Aspects towards Improving the Circular Economy-based Supply Chain.
2022	Sustainability, 14(12), 6958- DOI: 10.3390/su14126958 (MDPI)	A S Almuflih, Janpriy Sharma, Mohit Tyagi, A Bhardwaj, M Qureshi, N Khan (2022). Leveraging the Dynamics of Food Supply Chain towards the Avenues of Sustainability,
2022	Operations Management Research, DOI: 10.1007/s12063-022-00289-1 (Springer)	Neeraj Kumar, Mohit Tyagi, Anish Sachdeva, Y. K, M. Ram (2022). Impact Analysis of COVID-19 Outbreak on Perishable Products Cold Supply Chain using SWARA based MULTIMOORA Approach.
2022	Advances in Materials and Processing Technologies, (Taylor & Francis) DOI: 10.1080/2374068X.2022.2091091	S. Chaudhary, S. Dangi, Vikas Yadav, R S Walia, N M Suri, Mohit Tyagi (2022) Effect of preheating on the mechanical and high temperature tribological behaviour of reusing marble dust with aluminium composite
2022	Sustainability, 14(14), 8410 DOI: DOI:10.3390/ su14148410. (MDPI)	M Qureshi, A S Almuflih, Janpriy Sharma, Mohit Tyagi, S. Singh, A. Naif (2022). Assessment of the Climate-Smart Agriculture Interventions towards the Avenues of Sustainable Production–Consumption

2022	Management of Environmental Quality: An International Journal. (Accepted)	Neeraj Kumar, Mohit Tyagi, Anish Sachdeva (2022). A Sustainable Framework Development and Assessment for Enhancing the Environmental Performance of Cold Supply Chain
2021	Journal of Agribusiness in Developing and Emerging Economies 11(5), 452-471. DOI 10.1108/JADEE-09-2020-0194. (Emerald)	Janpriy Sharma, Mohit Tyagi, Arvind Bhardwaj (2021). Exploration of COVID-19 impact on the dimensions of food safety and security: a perspective of societal issues with relief measures. Journal of Agribusiness in Developing and Emerging Economies.
2021	International Journal of Logistics Systems and Management. ISSN online 1742-7975. (InderScience)	Neeraj Kumar, Mohit Tyagi, Anish Sachdeva (2021). Technological Assessment of Global Warming Inference for Cold Supply Chain Performance.
2021	Operational Research in Engineering Sciences: Theory and Applications (ORESTA), 4(1), 38-66. DOI 10.31181/oresta2040123t.	Mohit Tyagi, Dilbagh Panchal, R. S. Walia, Deepak Kumar, (2021). Modeling and Analysis of Lean Manufacturing Strategies using ISM-Fuzzy MICMAC Approach.
2021	Journal of Agribusiness in Developing and Emerging Economies. DOI 10.1108/JADEE-09-2020-0194. (Emerald)	Janpriy Sharma, Mohit Tyagi, Arvind Bhardwaj (2021). Exploration of COVID-19 impact on the dimensions of food safety and security: a perspective of societal issues with relief measures.
2021	International Journal of Six Sigma and Competitive Advantage. 14(1), 152-169. DOI: 10.1504/IJSSCA.2021.10040226. (InderScience)	Neeraj Kumar, Mohit Tyagi, Anish Sachdeva (2021). Estimation of Best Possible Solutions for Environmental Trade-offs in Cold Supply Chain using BWM based ELECTRE-I Approach
2021	International Journal of Six Sigma and Competitive Advantage. 14(1), 32-69. DOI: 10.1504/IJSSCA.2021.10040116 (InderScience)	Janpriy Sharma, Mohit Tyagi, Dilbagh Panchal, R P Singh (2021). Contemplation of Food Industry Attributes Confronted in Smooth Adoption of Lean Six Sigma Practices.
2021	International Journal of Productivity and Performance Management. (Accepted) DOI: 10.1108/IJPPM-12-2020-0686. (Emerald)	Somesh Agrawal, Mohit Tyagi, R K Garg (2021). Conception of Circular Economy Obstacles in Supply Chain Context: A Case of Rubber Industry
2021	International Journal of Quality & Reliability Management. 39(1), 1-29. DOI 10.1108/IJQRM-10-2019-0320. (Emerald)	Indraneel Das, Dilbagh Panchal, Mohit Tyagi (2021). A novel PFMEA-Doubly TOPSIS approaches based decision support system for risk analysis in milk process industry.
2021	Journal of Asia Business Studies. 16(3), 538-567. DOI 10.1108/JABS-05-2021-0217. (Emerald).	Somesh Agrawal, Mohit Tyagi, R K Garg (2021). Restorative measures to diminish the covid-19 pandemic effects through circular economy enablers for sustainable and resilient supply chain.
2020	Diabetes & Metabolic Syndrome: Clinical Research & Reviews, 14(4), 661-664. DOI 10.1016/j.dsx.2020.05.011 (Elsevier)	Ravi Pratap Singh, M Javed, Ravinder Kataria, Mohit Tyagi, A Haleem, R Suman (2020). Significant applications of virtual reality for COVID-19 pandemic.

2020	Journal of Advances in Management Research. 17(3), 421-453. DOI 10.1108/JAMR-10-2019-0193.(Emerald)	Janpriy Sharma, Mohit Tyagi, Arvind Bhardwaj (2020). Parametric Review of Food Supply Chain Performance Implications under Different Aspects.
2020	SN Applied Science, 2-1356. DOI 10.1007/s42452-020-3155-8 (Springer)	Ravi Butola, S. Kanwar, L. Tyagi, R. M. Singari, Mohit Tyagi (2020) Optimizing the machining variables in CNC turning of aluminium based hybrid metal matrix composites.
2019	Materials Today.25, 804-809. https://doi.org/10.1016/j.matpr.2019.09.031 . (Elsevier)	Sanjay Sundriyal, R.S. Walia, Vipin, Mohit Tyagi (2019). Investigation On Surface Finish In Powder Mixed Near Dry Electric Discharge Machining Method.
2019	Materials Today.25, 759-764. https://doi.org/10.1016/j.matpr.2019.09.004 .(Elsevier)	Ankit Tyagi, S.M. Pandey, Qasim Murtaza, R.S. Walia, Mohit Tyagi (2019). Tribological behavior of carbon coating for piston ring applications using Taguchi approach.
2019	IOP Series: Journal of Physics. 1240, doi:10.1088/1742-6596/1240/1/012066.	Janpriy Sharma, Arvind Jayant, Mohit Tyagi (2019). Simulation based design of Production and Multi echelon supply chain network for job shop manufacturing environment: A Case Study.
2019	Materials Today. 25, 679-685. DOI: 10.1016/j.matpr.2019.08.028.(Elsevier)	Ranjit Singh, Ravi Pratap Singh, Mohit Tyagi, Ravinder Kataria (2019). Investigation of Dimensional Deviation in Wire EDM of M42 HSS using cryogenically treated brass wire.
2019	Silicon, 12, 2587-2600. https://doi.org/10.1007/s12633-019-00354-8 . (Springer Nature)	Ravi Pratap Singh, Ravinder Kataria, Sandeep Singhal, R K Garg, Mohit Tyagi (2019). Hole Quality Measures in Rotary Ultrasonic Drilling of Silicon Dioxide (SiO ₂): Investigation and Modeling through Designed Experiments.
2018	International Journal of Quality & Reliability Management. 35(7), 1459-1476. (Emerald)	Dilbagh Panchal, Sachin Mangla, Mohit Tyagi, Mange Ram (2018). Risk Analysis for Clean and Sustainable Production in a Urea Fertilizer Industry.
2018	International Journal of Logistics Research and Applications. 21(4), 378-406. (Taylor & Francis)	Mohit Tyagi, Pradeep Kumar, Dinesh Kumar, (2018). Assessment of CSR based supply chain performance system using an integrated fuzzy AHP-TOPSIS approach.
2018	Benchmarking: an International Journal. 25(6), 1795-1828. (Emerald)	Sachin Mangla, Mohit Tyagi, Sunil Luthra, Suresh Jhakar (2018). Benchmarking the Logistics Management Implementation Using Delphi and Fuzzy DEMATEL.
2018	International Journal of Logistics Systems and Management. 30(2), 162-178. (Inderscience)	Deepak Kumar, Siddharth Jain, Mohit Tyagi, R. S. Walia (2018) Quantitative Assessment of Mutual Relationship of Issues experienced in Greening Supply Chain using ISM-Fuzzy MICMAC Approach.
2017	International Journal of Operational Research. 28(3), 392-414.(Inderscience)	Mohit Tyagi, Pradeep Kumar, Dinesh Kumar (2017). Modeling and Analysis of Barriers for Supply Chain Performance Measurement System.
2017	Procedia Materials Today. 4, 7208-7218. (Elsevier)	Parvesh Ali, Sachin Dhull, R.S.Walia,Quasim Murtaza, Mohit Tyagi (2017). Hybrid Abrasive Flow Machining for Nano Finishing - A Review.
2016	International Journal of Social, Behavioral, Educational, Economic, Business and Industrial Engineering. 10(12), 3828-3831. (WASET)	Mohit Tyagi, Pradeep Kumar (2016). Contemplating Preference Ratings of Corporate Social Responsibility Practices for Supply Chain Performance System Implementation,
2015	Procedia - Social and Behavioral Sciences. 189, 449-457. (Elsevier)	Mohit Tyagi, Pradeep Kumar, Dinesh Kumar (2015). Parametric selection of alternatives to improve performance of green supply chain management system.

2015	International Journal of Business Performance and Supply Chain Modeling. 7(1), 92-108. (Inderscience)	Mohit Tyagi, Pradeep Kumar, Dinesh Kumar (2015). Analysis of interaction among the drivers of green supply chain management.
2015	International Journal of Industrial Engineering: Theory, Applications and Practice, 22(6), 729-752. (Pusan Korea)	Mohit Tyagi, Pradeep Kumar, Dinesh Kumar (2015). Permutation of fuzzy AHP and AHP methods to prioritizing the alternatives of supply chain performance system.
2015	Journal of Manufacturing Technology Management. 26(6), 830-852. (Emerald)	Mohit Tyagi, Pradeep Kumar, Dinesh Kumar (2015). Analyzing CSR Issues for Supply Chain Performance System using Preference Rating Approach.
2015	International Journal of Logistics Systems and Management. 22(1), 77-102. (Inderscience)	Mohit Tyagi, Dinesh Kumar, Pradeep Kumar (2015). Assessing CSR practices for supply chain performance system using fuzzy DEMATEL approach.
2015	Global Journal of Flexible Systems Management. 16(2), 115-132. (Springer)	Mohit Tyagi, Pradeep Kumar, Dinesh Kumar (2015). Assessment of Critical Enablers for Flexible Supply Chain Performance Measurement System Using Fuzzy DEMATEL Approach.
2014	International Journal of Intercultural Information Management, 4(1), 34-50. (Inderscience)	Mohit Tyagi, Pradeep Kumar, Dinesh Kumar (2014). Analysis of importance rating of CSR challenges in order to improve the supply chain performance.
2014	International Journal of Procurement Management, 7(2), 168-182. (Inderscience)	Mohit Tyagi, Pradeep Kumar, Dinesh Kumar (2014). Selecting alternatives for improvement in IT enabled Supply chain performance
2014	Procedia Engineering, 97, 2195-2203. (Elsevier)	Mohit Tyagi, Pradeep Kumar, Dinesh Kumar (2014). A hybrid approach using AHP-TOPSIS for analyzing e- SCM performance.
2013	Global Journal of Finance and Management, 5(7), 67-71.	Mohit Tyagi, Pradeep Kumar, Dinesh Kumar (2013). TOPSIS approach for measuring the supply chain performance of an organization.
	Operational Research in Engineering Sciences: Theory and Applications (ORESTA), 4(1), 38-66. DOI 10.31181/oresta2040123t.	Mohit Tyagi, Dilbagh Panchal, R. S. Walia, Deepak Kumar, (2021). Modeling and Analysis of Lean Manufacturing Strategies using ISM-Fuzzy MICMAC Approach.

Conference Publications :

Year	Conference	Publication
2021	2nd International Conference on Industrial and Manufacturing Systems (CIMS-2021), NIT Jalandhar, India, 11-13th, November.	Shivam Mishra, Mohit Tyagi, Anish Sachdeva (2021). Parametric Assessment of Circular Economy Enablers for Improving the Supply Chain Performance.
2021	2nd International Conference on Industrial and Manufacturing Systems (CIMS-2021), NIT Jalandhar, India, 11-13th, November.	Ramdayal Pandey, Mohit Tyagi (2021). Agglomeration of the Various Perspectives of Industry 4.0 towards Supply Chain.
2021	2nd International Conference on Industrial and Manufacturing Systems (CIMS-2021), NIT Jalandhar, India, 11-13th, November.	Rajeev Singh Rawat, Mohit Tyagi Anish Sachdeva (2021). Multi criteria assembly line design and configuration, Using Heuristic Approach and Simulation– An automotive case study.
2021	2nd International Conference on Industrial and Manufacturing Systems (CIMS-2021), NIT Jalandhar, India, 11-13th, November.	Janpriy Sharma, Mohit Tyagi Arvind Bhardwaj (2021). Syncing the Sustainability in the Dynamics of Food Supply Chain Performance System.

2021	2nd International Conference on Industrial and Manufacturing Systems (CIMS-2021), NIT Jalandhar, India, 11-13th, November.	Janpriy Sharma, Mohit Tyagi Arvind Bhardwaj (2021). Assessment of the factors hurdling the implementation of Lean, Six Sigma fundamentals in dynamics of Food Supply Chain Performance System.
2021	Recent Development on Materials, Reliability, Safety and Environment Issues (IMRSE-2021), NIT Jalandhar, India, 25-27th June.	Mohit Tyagi, Dilbagh Panchal, Janpriy Sharma, Samarth Singh (2021). Parametric Performance Assessment of Battery Operated E-Rickshaw: A Case of Delhi Region.
2021	2nd International Conference on Industrial and Manufacturing Systems (CIMS-2021), NIT Jalandhar, India, 11-13th, November.	Neeraj Kumar, Mohit Tyagi Anish Sachdeva (2021). Framework Assessment for Refrigeration Technologies Used in Indian Cold Chain Industries: An Integrated MCDM Approach.
2021	Recent Development on Materials, Reliability, Safety and Environment Issues (IMRSE-2021), NIT Jalandhar, India, 25-27th June.	Rishab Sharma, Mohit Tyagi, Anish Sachdeva (2021). Enablers Appraisal towards Adoption of Additive Manufacturing in Indian Manufacturing Sector.
2021	2nd International Conference on Industrial and Manufacturing Systems (CIMS-2021), NIT Jalandhar, India, 11-13th, November.	Somesh Agarwal, Mohit Tyagi R K Garg (2021). Circular Economy Reinforcement to Diminish GHG Emissions: A grey DEMATEL Approach.
2021	2nd International Conference on Industrial and Manufacturing Systems (CIMS-2021), NIT Jalandhar, India, 11-13th, November.	Somesh Agarwal, Mohit Tyagi R K Garg (2021). Originating Transformation of Micro Firms from Linear to Circular: A Perspective-Based Analysis in Indian Context.
2021	2nd International Conference on Industrial and Manufacturing Systems (CIMS-2021), NIT Jalandhar, India, 11-13th, November.	R P Singh, Ravindra Kataria, Himanshu Bist, Narendra Kumar Mohit Tyagi (2021). Wear Behaviour on a Pin-on-Disc Setup for Thermal Spray of Coating using ABAQUS: Study and Computational Analysis.
2021	2nd International Conference on Industrial and Manufacturing Systems (CIMS-2021), NIT Jalandhar, India, 11-13th, November.	R S Walia, R P Singh, Ravi Butola, Mohit Tyagi (2021). Study on Welding Parameters in TIG Welding of Incoloy-800: An Investigation with Designed Experiments and ARAS Method.
2020	International Conference on Industrial and Manufacturing Systems (CIMS-2020), NIT Jalandhar, India, 9-11th, October.	Janpriy Sharma, Mohit Tyagi, Arvind Bhardwaj (2020). Contemplation of Factors Affecting Inventory in Food Industry Working Environment.
2020	International Conference on Industrial and Manufacturing Systems (CIMS-2020), NIT Jalandhar, India, 9-11th, October.	Janpriy Sharma, Mohit Tyagi, Arvind Bhardwaj (2020). Inefficiencies detailing of food supply chain performance system in Indian context: A graph theory based approach.
2020	International Conference on Industrial and Manufacturing Systems (CIMS-2020), NIT Jalandhar, India, 9-11th, October.	Shubhendu Singh, Mohit Tyagi, L P Singh (2020). Improvement of Climate Smart Agriculture System based on Obstacles Assessment.
2020	International Conference on Industrial and Manufacturing Systems (CIMS-2020), NIT Jalandhar, India, 9-11th, October	Ruchi Gupta, Mohit Tyagi, R K Garg (2020). Hurdle Assessment for the Implementation of Circular Economy Notions.
2020	International Conference on Industrial and Manufacturing Systems (CIMS-2020), NIT Jalandhar, India, 9-11th, October	Neeraj Kumar, Mohit Tyagi, Anish Sachdeva (2020). Assessment and Selection of best technologies for traceability in a cold supply chain: A SWOT Analysis approach.
2020	International Conference on Industrial and Manufacturing Systems (CIMS-2020), NIT Jalandhar, India, 9-11th, October.	Neeraj Kumar, Mohit Tyagi, Anish Sachdeva (2020). Selection and prioritization of best possible alternatives for environmental trade-offs in a cold supply chain using ELECTRE approach.

2020	International Conference on Industrial and Manufacturing Systems (CIMS-2020), NIT Jalandhar, India, 9-11th, October.	Neeraj Kumar, Mohit Tyagi, Anish Sachdeva (2020). Risks Factors Appraisal in Cold Supply Chain Performance System through Delphi based Hybrid MCDM Approach.
2020	International Conference on Industrial and Manufacturing Systems (CIMS-2020), NIT Jalandhar, India, 9-11th, October.	Somesh Agarwal, Mohit Tyagi, R K Garg (2020). Exploring the Interaction among the Barriers of Circular Supply Chain: A Case of Indian Rubber Industry.
2020	International Conference on Industrial and Manufacturing Systems (CIMS-2020), NIT Jalandhar, India, 9-11th, October.	Somesh Agarwal, Mohit Tyagi, R K Garg (2020). Exploring the Interaction among the Barriers of Circular Supply Chain: A Case of Indian Rubber Industry.
2020	International Conference on Industrial and Manufacturing Systems (CIMS-2020), NIT Jalandhar, India, 9-11th, October.	Somesh Agarwal, Mohit Tyagi, R K Garg (2020). Prioritizing Circular Economy Performance Indicators: A Case of Indian Rubber Industries
2020	International Conference on Industrial and Manufacturing Systems (CIMS-2020), NIT Jalandhar, India, 9-11th, October.	Somesh Agarwal, Mohit Tyagi, R K Garg (2020). Prioritizing Circular Economy Performance Indicators: A Case of Indian Rubber Industries
2020	International Conference on Industrial and Manufacturing Systems (CIMS-2020), NIT Jalandhar, India, 9-11th, October.	Gagandeep, N Singh, A Charak, Mohit Tyagi, R S Walia (2020). Internet of Things in supply chain management: a literature review.
2020	International Conference on Industrial and Manufacturing Systems (CIMS-2020), NIT Jalandhar, India, 9-11th, October.	Gaurav Mishra, Mohit Tyagi, R Singari (2020). Exploring and analyzing SCM Challenges Faced by Dairy Industries by Using DEMATEL Approach.
2020	International Conference on Industrial and Manufacturing Systems (CIMS-2020), NIT Jalandhar, India, 9-11th, October.	Janpriy Sharma, Mohit Tyagi, Arvind Bhardwaj (2020). Detailing of the challenges withstanding the food supply chain performance system in Indian context.
2020	International Conference on Industrial and Manufacturing Systems (CIMS-2020), NIT Jalandhar, India, 9-11th, October.	Janpriy Sharma, Mohit Tyagi, Arvind Bhardwaj (2020). Valuation of the attributes of food industry confronting in smooth adoption of Lean Six Sigma practices.
2020	International Conference on Industrial and Manufacturing Systems (CIMS-2020), NIT Jalandhar, India, 9-11th, October.	Yash Soni, Narendra Kumar, Mohit Tyagi, Prashant K Jain (2020). Feasibility Study of the Hybrid Pellet-based Additive Manufacturing Extruder with Commercial 3D FFF Printer.
2019	2nd International Conference on Computational & Experimental Methods in Mechanical Engineering (ICCEMME-2019), G.L. Bajaj Institute of Technology & Management, Greater Noida, India, 3-5th May, June.	Ranjit Singh, Ravi Pratap Singh, Mohit Tyagi, Ravinder Kataria (2019). Investigation of Dimensional Deviation in Wire EDM of M42 HSS using cryogenically treated brass wire.
2019	2nd International Conference on Computational & Experimental Methods in Mechanical Engineering (ICCEMME-2019), G.L. Bajaj Institute of Technology & Management, Greater Noida, India, 3-5th May.	Sanjay Sundriyal, R.S. Walia, Vipin, Mohit Tyagi (2019). Investigation On Surface Finish In Powder Mixed Near Dry Electric Discharge Machining Method.
2019	2nd International Conference on Computational & Experimental Methods in Mechanical Engineering (ICCEMME-2019), G.L. Bajaj Institute of Technology & Management, Greater Noida, India, 3-5th May.	Ankit Tyagi, S.M. Pandey, Qasim Murtaza, R.S. Walia, Mohit Tyagi (2019). Tribological behavior of carbon coating for piston ring applications using Taguchi approach.

2019	6th International Conference on Production and Industrial Engineering (CPIE-2019), NIT Jalandhar, India, 8-10th, June.	Deepak Kumar, Mohd Shuaib, Mohit Tyagi, R.S. Walia, Pushpendra Singh (2019). Foreseeing Critical Success Factors for Sustainable Supply Chain Management.
2019	6th International Conference on Production and Industrial Engineering (CPIE-2019), NIT Jalandhar, India, 8-10th, June.	Neeraj Kumar, Mohit Tyagi, R K Garg (2019). Model Development & Analysis for Vaccines Cold Supply Chain Performance using Delphi- AHP-TOPSIS Hybrid Approach: A Case of Health Care Industry.
2019	6th International Conference on Production and Industrial Engineering (CPIE-2019), NIT Jalandhar, India, 8-10th, June.	Arnuv Mishra, Deepak Kumar, Mohd Suhaib, Mohit Tyagi, Ravi Pratap Singh (2019). Assessing the Critical Factors for Telecommunication Industry.
2019	6th International Conference on Production and Industrial Engineering (CPIE-2019), NIT Jalandhar, India, 8-10th, June.	Sarthak Dhingra, Anish Sachdeva, Mohit Tyagi, (2019). Identification of Drivers and Barriers to Blockchain Technology Adoption: A case of Indian Food Chain Industries.
2019	6th International Conference on Production and Industrial Engineering (CPIE-2019), NIT Jalandhar, India, 8-10th, June.	Mohd Imran Mansoori, Mohit Tyagi, Dilbagh Panchal, Anish Sachdeva (2019). Model Development & Assessment for E-Waste Management System in Indian Scenerio.
2019	6th International Conference on Production and Industrial Engineering (CPIE-2019), NIT Jalandhar, India, 8-10th, June.	Nikhil Peshawaria, Pranav Bharara, R.S. Walia, Mohit Tyagi, Shilpi Ahluwalia (2019). Modelling and Analysis of Factors Affecting Supply Chain Performance in Indian Auto Sector Using ISM-Fuzzy MICMAC Approach.
2019	International Conference on Innovation Technologies in Mechanical Engineering (ITME-2019), KIET Ghaziabad, India, 18-19th, October.	Somesh Agarwal, Mohit Tyagi, R K Garg (2019). Assessment of Barriers of Green Supply Chain Management using Structural Equation Modeling.
2019	4th International Conference on Advanced Production and Industrial Engineering (ICAPIE-2019), Delhi Technological University (DTU) Delhi, 20-21st December.	Gaurav Mishra, R Kaushik, R Singari, Mohit Tyagi, Vinay Yadav (2019). Exploring SCM Challenges face by Pharmaceutical Industries and Analyzing by using DEMATEL Approach.
2019	4th International Conference on Advanced Production and Industrial Engineering (ICAPIE-2019), Delhi Technological University (DTU) Delhi, 20-21st December.	Somesh Agarwal, Mohit Tyagi, R K Garg (2019). Commencement of Green Supply Chain Management Barriers: A Case of Rubber Industry.
2019	4th International Conference on Advanced Production and Industrial Engineering (ICAPIE-2019), Delhi Technological University (DTU) Delhi, 20-21st December.	Neeraj Kumar, Mohit Tyagi, Anish Sachdeva (2019). Estimation of Critical Key Performance Factors of Food Cold Supply Chain Using Fuzzy AHP Approach.
2019	6th International Conference on Production and Industrial Engineering (CPIE-2019), NIT Jalandhar, India, 8-10th, June.	Ravi Pratap Singh, Ranjit Singh, Rajeev Trehan, R K Garg, Mohit Tyagi (2019). Investigation into the Surface Quality in Wirecut EDM of M42 HSS: An Experimental Study and Modeling using RSM.
2019	National Conference on Innovations and Best Practices in Educational System towards Nation Building, NIT Jalandhar India, 30th November- 01 December 2019.	Tarlochan Singh, Mohit Tyagi, R K Garg (2019). Manufacturing of miniaturized products at low cost: An initiative towards nation building.
2019	National Conference on Innovations and Best Practices in Educational System towards Nation Building, NIT Jalandhar India, 30th November- 01 December 2019.	Mohit Tyagi, Anish Sachdeva, S K Mishra (2019). Role of industrial engineers towards nation Sustainable development: A step towards nation building.

2019	National Conference on Innovations and Best Practices in Educational System towards Nation Building, NIT Jalandhar India, 30th November- 01 December 2019.	Mohit Tyagi, Dilbagh Panchal, R P Singh (2019). Role of industrial engineers towards nation building.
2019	2nd International Conference on New Frontiers in Engineering, Science & Technology (NFEST-2019), National Institute of Technology (NIT) Kurukshetra, 18th-22th February.	Janpriy Sharma, Arvind Jayant, Mohit Tyagi (2019). Simulation based design of Production and Multi echelon supply chain network for job shop manufacturing environment: A Case Study.
2019	2nd International Conference on Computational & Experimental Methods in Mechanical Engineering (ICCEMME-2019), G.L. Bajaj Institute of Technology & Management, Greater Noida, India, 3-5th May.	Janpriy Sharma, Mohit Tyagi, Arvind Bhardwaj (2019). Challenges Valuation of Food Supply Chain in Indian Context.
2019	6th International Conference on Production and Industrial Engineering (CPIE-2019), NIT Jalandhar, India, 8-10th, June.	Janpriy Sharma, Mohit Tyagi, Arvind Bhardwaj (2019). Interpretation of Temperature Monitoring Trends in Food Supply Chain.
2018	International and 4th National Conference on Reliability and Safety Engineering (INCRS-18), IIITDM Jabalpur, 26th-28th February.	Gaurav Mishra, Mohit Tyagi, M. S. Ranganath, R. S. Walia (2018). Development and Assessment of a Model for Reliable Humanitarian Supply Chain (HSC) Using DEMATEL Approach.
2018	International Conference on Advanced Production and Industrial Engineering (ICAPIE-2018), Delhi Technological University (DTU) Delhi, 05th-06th October.	Neeraj Kumar, Mohit Tyagi, Dilbagh Panchal, Ajay Gupta (2018). Impact of Cost Enactment and Global Warming on Cold Supply Chain Performance.
2018	International Conference on Advanced Production and Industrial Engineering (ICAPIE-2018), Delhi Technological University (DTU) Delhi, 05th-06th October.	Janpriy Sharma, Mohit Tyagi, Arvind Bhardwaj (2018). Assessment of Cold Supply Chain Trends: A DEMATEL based approach.
2017	International Conference on Mechanical, Industrial, Automation and Management Systems, MNNIT Allahabad, 03-05 February, pp. 205-210.	Tarang Mathur, Mohit Tyagi, Rajan Yadav (2017). Analyze the impact of CSR practices in enhancing the supply chain performance: A case study of tyre industry,
2017	6th International Conference on Reliability, Infocom Technologies and Optimization (ICRITO 2017). Amity University Noida India, 20-22th September.	Sharad Rohra, Tanay Dangayach and Mohit Tyagi (2017). Analyzing Barriers to Sustainable Dairy Supply Chain using Preference Rating Approach.
2017	International Conference on Advanced Production and Industrial Engineering (ICAPIE-2017), Delhi Technological University (DTU) Delhi, 06th-07th October pp. 380-385.	Gaurav Mishra, Mohit Tyagi, M. S. Ranganath, R. S. Walia (2017). Exploring challenges of Pharmaceutical Industry in Supply Chain by Using DEMATEL Approach.
2017	. International Conference on Advanced Production and Industrial Engineering (ICAPIE-2017), Delhi Technological University (DTU) Delhi, 06th-07th October pp. 05.	Gaurav Mishra, Mohit Tyagi, M. S. Ranganath, R. S. Walia (2017). Exploring barriers in Humanitarian Supply Chain by Using DEMATEL Approach
2016	5th International symposium on Fusion of Science and Technology (SFST-ISFT-2016), New Delhi, India, 18-22th January.	Vartika Shivaji, Parvesh Kumar, Mohit Tyagi, R.S. Walia, Subash Kumar (2016). Identification and analysis of key performance indicator of Humanitarian Logistics- Case Study.
2016	1st International Conference on Latest Developments in Materials, Manufacturing and Quality Control (MMQC-2016), GZS Campus, College of Engineering and Technology, Bathinda, India, 12-13th February, pp. 352-359.	Siddharth Jain, Vidit Aggarwal, Mohit Tyagi, R.S. Walia, Ramakant Rana (2016). Development of Aluminium Matrix Composite Using Coconut Husk Ash Reinforcement.

2016	E-Business and Supply Chain Competitiveness (EBSCC 2016), IIT Kharagpur, India, 12-14th February.	Sachin K. Mangla, Sunil Luthra, Mohit Tyagi, Pradeep Kumar, Mukesh Barua (2016). A mixed methodology to evaluate the competitiveness through green initiatives in supply chain: a case example in Indian scenario.
2016	International Conference of Advance research and Innovation (ICARI-2016), Institution of Engineers India, New Delhi, 27th February.	Ravi Butola, Mohit Tyagi, Jitendra Kumar (2016). Metallurgical Investigation of Synergic MIG Welding of 304L Stainless Steel.
2016	International Conference of Advance research and Innovation (ICARI-2016), Institution of Engineers India, New Delhi, 27th February.	Sanjeev Kumar, Mohit Tyagi, Saurabh Agarwal (2016). Identification of IT Parameters for E-Retailing.
2016	AES-ATEMA 29th International Conferences on Advances and Trends in Engineering Materials and their Applications (ATEMA-2016), Toronto, Canada, 04th-08th July.	Ramakant Rana, R.S. Walia, Quasim Murtaza, Mohit Tyagi (2016). Study of Hybrid Electrode Electric Discharge Machining Process.
2016	International Conference on Advancements in Aeromechanical Materials for Manufacturing (ICAAMM-2016), MLR Institute of Technology, Telangana, India, 07-09th July	Parvesh Ali, Sachin Dhull, R.S. Walia, Quasim Murtaza, Mohit Tyagi (2016). Hybrid Abrasive Flow Machining for Nano Finishing - A Review.
2016	2nd International Conference on Advances in Management & Decision Sciences, Gautam Buddha University, Greater Noida, 16-17th July 2016. pp.159-167.	Deepak Kumar, Mohit Tyagi, Pradeep Kumar (2016). Assessment of Lean Manufacturing Strategies Using Interpretative Structural Modeling Approach.
2016	National Seminar on Material and Operations Sustainability: An Approach Towards Make in India, Graphic Era University Dehradun India, 22-13th August 2016.	Sanjeev Kumar, Mohit Tyagi, Saurabh Agarwal (2016). Assessment of IT measures for e-retailing module.
2016	6th International & 27th All India Manufacturing Technology, Design and Research Conference (AIMTDR-2016), College of Engineering Pune, India, 16-18th December	Parvesh Ali, R.S. Walia, V. Rastogi, Mohit Tyagi (2016). Modeling of CNT particles based Abrasive Laden media used for Abrasive Flow Machining.
2016	4th International conference on Business Analytics and Intelligence (ICBAI), IISc Bangalore, 19-21th December.	Deepak Kumar, Siddharth Jain, Mohit Tyagi, R. S. Walia, Pradeep Kumar (2016). Parametric Assessment of Issues of GSCM System Using Graph Theory based Preference Rating Approach.
2016	International Conference on Advanced Production and Industrial Engineering (ICAPIE-2016), Delhi Technological University (DTU) Delhi, 09-10th December. pp. 428-433.	Sanjeev Kumar, Mohit Tyagi, Saurabh Agarwal (2016). Identification of Parameters for IT Enabled Supply Chain Performance Measurement System.
2016	International Conference on Advanced Production and Industrial Engineering (ICAPIE-2016), Delhi Technological University (DTU) Delhi, 09-10th December. pp. 321-326.	Nagendra Nagar, Mohit Tyagi, S. K. Garg (2016). Lean Manufacturing and its relevance in Assembly Line Balancing.
2016	18th International Conference on Industrial Engineering and Management (ICIEM-2016), Wembley London, United Kingdom, 15-16th December, 2145-2148.	Mohit Tyagi, Pradeep Kumar (2016). Contemplating Preference Ratings of Corporate Social Responsibility Practices for Supply Chain Performance System Implementation,
2016	4th International Conference on Production and Industrial Engineering (CPIE), NIT Jalandhar, India 19-21st December.	Siddharth Jain, Mohit Tyagi, Bimal Jain, R.S. Walia (2016). Performance Assessment of SCM Issues over NPD Process using Integrated AHP-TOPSIS Approach

2016	XX Annual International Conference of Society of Operations Management, ABV-IIITM Gwalior, 22-24th December.	Gourav Rishi, Mohit Tyagi, R.S. Walia (2016). Parametric Assessment of Green Supply Chain Performance System using Analytic Hierarchy Process,
2015	15th Global Conference on Flexible System Management (GLOGIFT-2015), Symbiosis Institute of Technology, Pune India, 23-25th October.	Sachin K. Mangla, Sunil Luthra, Mohit Tyagi, Pradeep Kumar, Sanjay Kumar (2015). Improving coordination to enhance the performance of flexible green supply chain.
2015	XIX Annual Conference of the Society of Operations Management (SOM-2015), Indian Institute of Management Calcutta (IIMC), Calcutta, India, 11-13th December.	Mohit Tyagi, R.S. Walia, Pradeep Kumar, Saurabh Agarwal (2015). Parametric selection of alternatives for supply chain performance measurement system using fuzzy AHP.
2015	International Conference on Research and Business Sustainability (ICRBS-2015), IIT Roorkee, India, 04-06th December.	Siddharth Jain, Mohit Tyagi, R.S. Walia, Sachin Mangla (2015). Optimization of the Production System of Second Tier Suppliers of Indian Automotive Industry.
2015	XIX Annual Conference of the Society of Operations Management (SOM-2015), Institute of Management Calcutta (IIMC), Calcutta, India, 11-13th December.	Prem Sharma, Rahul Verma, Rajat Handa, Sagar Agarwal, Mohit Tyagi, R.S. Walia (2015). Identification and Analysis of Issues in Implementing an Effective Reverse Logistics System.
2014	3rd International Conference on Management Innovations (ICMI-2014), GKV Haridwar, India, 10-12th February.	Mohit Tyagi, Dinesh Kumar, Pradeep Kumar (2014). Assessment of CSR practices in order to build a better supply chain performance system.
2014	XVIII Annual International Conference of the Society of Operations Management, IIT Roorkee, India, 13-14th December.	Mohit Tyagi, Pradeep Kumar, Dinesh Kumar (2014). Parametric selection of alternatives to improve the performance of green supply chain management system.
2014	12th Global Congress on Manufacturing and Management (GCMM-2014), VIT University Vellore, India, 08-10th December.	Mohit Tyagi, Pradeep Kumar, Dinesh Kumar (2014). A hybrid approach using AHP-TOPSIS for analyzing e- SCM performance.
2013	2nd International Conference on Industrial Engineering (ICIE-2013), NIT Surat, India, 20-22nd November, pp. 26-30.	Mohit Tyagi, Pradeep Kumar, Dinesh Kumar (2013). Analyzing Interaction among the Barriers of Sustainable Supply Chain Management.
2013	International Conference on Smart Technologies for Mechanical Engineering (STME-2013), DTU Delhi, India, 25-26th October, pp. 461-471.	Mohit Tyagi, Pradeep Kumar, Dinesh Kumar (2013). Performance measurement of sustainable supply chain management: A TOPSIS approach.
2013	International Conference on Smart Technologies for Mechanical Engineering (STME-2013), DTU Delhi, India, 25-26th October.	Mohit Tyagi, Pradeep Kumar, Dinesh Kumar (2013). Alternative selection for green supply chain management: A fuzzy TOPSIS approach.
2013	World Congress on Business, Finance, Marketing and Industrial Management for Sustainable Development (BFMIMSD-2013), JNU Delhi, India, 25-26th May.	Mohit Tyagi, Pradeep Kumar, Dinesh Kumar (2013). TOPSIS approach for measuring the supply chain performance of an organization.
2013	International Conference on Management and Business Innovation (ICOMBI-2013), MNIT Jaipur, India, 18-19th May, pp. 36-39.	Mohit Tyagi, Pradeep Kumar, Dinesh Kumar (2013). Modeling of CSR challenges in Aspect of Improving the Supply Chain Performance.
2013	3rd International Conference on Production and Industrial Engineering (CPIE-2013), NIT Jalandhar, India, 29-31st March, pp. 415-417.	Mohit Tyagi, Pradeep Kumar, Dinesh Kumar (2013). Analyzing the Issues of CSR for Supply Chain Performance Measurement of an Organization.
2013	International Conference on Trade, Markets & Sustainability (ICTMS-2013) (paper code-18), SIIB Pune, India, 22-23rd February.	Mohit Tyagi, Pradeep Kumar, Dinesh Kumar (2013). Selecting Alternatives for Improvement in Supply Chain Performance.

2012	1st International Conference on Best Practices in Supply Chain Management (BPSCM-2012), SOA University, Bhubaneswar, India, 22-23rd November 2012, pp. 416-420.	Mohit Tyagi, Pradeep Kumar, Dinesh Kumar (2012). Analyzing alternatives for improvement in IT enabled supply chain performance.
2012	6th International Conference on Contemporary Business (ICCB-2012) (paper code-ICCB-PS-1-07), IIT Delhi India, 18-19th October.	Mohit Tyagi, Pradeep Kumar, Dinesh Kumar (2012). Performance Measurement of Green Supply Chain Management of an Organization: An Analytic Hierarchy Process (AHP) Approach
	National Conference on Innovations and Best Practices in Educational System towards Nation Building, NIT Jalandhar India, 30th November- 01 December 2019.	R P Singh, Mohit Tyagi, Anish Sachdeva (2019). Role of recent advancements in production processes towards nation development.

Book/Chapter Publications :

Type	Title	Publisher	Authors	ISBN/ISSN No.	Year
Book	Optimization in Industrial and Manufacturing Systems and Applications	Springer Nature Switzerland AG	R P Singh, Mohit Tyagi, Dilbagh Panchal, J P Davim	ISBN 978-3-030-73495-4	2022
Book	Operations Management and Data Analytics Modelling: Economic Crises Perspective	Routledge-CRC Press Taylor & Francis Group	Lalit Kumar Awasthi, Sushendra Kumar Misra, Dilbagh Panchal, Mohit Tyagi	ISBN 9780367754518	2022
Book	Recent Advances in Operations Management Applications	Springer Nature Switzerland AG	Anish Sachdeva Pradeep Kumar O. P. Yadav Mohit Tyagi	ISBN 978-981-16-7059-6	2022
Book	Optimization Methods for Engineering Problems	AAP-Apple Academic Press (Taylor & Francis Group	Dilbagh Panchal, Prasenjit Chatterjee, Mohit Tyagi, Ravi Pratap Singh	ISBN: 9781774911303	2022
Book	Optimization of Industrial Systems	Wiley-Scrivener	Anish Sachdeva, Mohit Tyagi, Dilbagh Panchal, Dragan Pamucar	ISBN: ? 978-1119750314	2022
Book Chapter	Prioritizing Circular Economy Performance Measures: A Case of Indian Rubber Industries.	Routledge Taylor & Francis, CRC-Press.	Somesh Agarwal, Mohit Tyagi, R.K. Garg (2022).	DOI: 10.1201/9781003181644-10. ISBN: 9781003181644	2022
Book Chapter	Fuzzy FMEA Application in the Healthcare Industry	Routledge Taylor & Francis, CRC-Press.	Prateek Saxena, Dilbagh Panchal, Mohit Tyagi (2022).	DOI: 10.1201/9781003181644-11	2022

Book Chapter	Circular Economy Measures to Diminish the Perils of COVID-19 Outbreak in Aegis of Supply Chain	Routledge Taylor & Francis, CRC-Press.	Somesh Agarwal, Mohit Tyagi, R.K. Garg (2022)	DOI: 10.1201/9781003150084-5.	2022
Book Chapter	Assessment of the Challenges Obstructing Performance of Indian Food Supply Chain dynamics.	Springer Publications, Singapore-.	Janpriy Sharma, Mohit Tyagi, Arvind Bhardwaj (2022).	DOI: 10.1007/978-981-16-7059-6_27	2022
Book Chapter	Detailing and Analysis of the Factors Governing Inventory in the Dynamics of Food Supply Chain Performance Systems.	Wiley-Scrivener Publishing, Beverly MA	Janpriy Sharma, Mohit Tyagi, Arvind Bhardwaj (2022).	ISBN-9781119750314	2022
Book Chapter	Exploring the Interaction Among the Barriers of Circular Supply Chain: A case of Indian Rubber Industry	Wiley-Scrivener Publishing, Beverly MA	Somesh Agarwal, Mohit Tyagi, R.K. Garg (2022)	ISBN-9781119750314	2022
Book Chapter	Risk Factor Appraisal in Cold Supply Chain Performance System through Delphi based Hybrid MCDM Approach	Wiley-Scrivener Publishing, Beverly MA	Neeraj Kumar, Mohit Tyagi, Anish Sachdeva (2022).	ISBN-9781119750314	2022
Book Chapter	Hurdle Appraisal for the Implementation of Circular Economy Notions in Supply Chain.	Springer Publications, Singapore.	Ruchi Garg, Mohit Tyagi, R K Garg (2022).	DOI: 10.1007/978-981-16-7059-6_3	2022
Book Chapter	Effect of IoT in Supply Chain Management—A Review.	Springer Publications, Singapore.	Gagandeep, Nikhilesh Singh, Abhishek Charak Mohit Tyagi, R S Walia (2022).	DOI: 10.1007/978-981-16-7059-6_22	2022
Book Chapter	Improvement of Climate-Smart Agriculture System Based on Obstacles Assessment.	Springer Publications, Singapore.	A Singh, Mohit Tyagi, Anish Sachdeva (2022).	DOI: 10.1007/978-981-16-7059-6_2	2022
Book Chapter	A Framework Development and Assessment for Cold Supply Chain Performance System: A Case of Vaccines.	Springer Publications, Singapore.	Neeraj Kumar, Mohit Tyagi, R K Garg, Anish Sachdeva, Dilbagh Panchal (2020).	DOI 10.1007/978-981-15-6017-0_22.	2021
Book Chapter	Measurement of Critical Factors: A Case of Telecommunication Industry.	Springer Publications, Singapore.	Arnub Mishra, Deepak Kumar, Mohd Shuaib, Mohit Tyagi, R P Singh (2020).	DOI 10.1007/978-981-15-6017-0_16.	2021
Book Chapter	Commencement of Green Supply Chain Management Barriers: A Case of Rubber Industry.	Springer Publications, Singapore	Somesh Agarwal, Mohit Tyagi, R K Garg (2021).	DOI 10.1007/978-981-15-8542-5_59.	2021
Book Chapter	Assessment of Barriers of Green Supply Chain Management Using Structural Equation Modeling.	Springer Publications, Singapore.	Somesh Agarwal, Mohit Tyagi, R K Garg (2021).	DOI 10.1007/978-981-15-8704-7_55.	2021

Book Chapter	Estimation of Critical Key Performance Factors of Food Cold Supply Chain Using Fuzzy AHP Approach.	Springer Publications, Singapore	Neeraj Kumar, Mohit Tyagi, Anish Sachdeva (2021).	DOI 10.1007/978-981-15-8542-5_60.	2021
Book Chapter	Dimensions Modelling for Reliable Indian Food Supply Chains,	Springer Publications, Singapore.	Janpriy Sharma, Mohit Tyagi, Dilbagh Panchal, Arvind Bhardwaj (2021).		2021
Book	Optimization Methods in Engineering	Springer Nature Switzerland AG	Mohit Tyagi, Anish Sachdeva, Vishal Sharma	ISBN 978-981-15-4550-4	2021
Book	Reliability and Risk Modeling of Engineering Systems	Springer Nature Switzerland AG	Dilbagh Panchal, Prasenjit Chatterjee, Dragan Pamucar, Mohit Tyagi	ISBN 978-3-030-70150-5	2021
Book Chapter	RAM Analysis of Industrial System of a Chemical Industry.	Springer Publications, Singapore	Nand Gopal, Dilbagh Panchal, Mohit Tyagi (2021)	DOI 10.1007/978-3-030-70151-2_2.	2021
Book Chapter	Mapping of Critical Success Factors for Sustainable Supply Chain Performance System.	Springer Publications, Singapore.	Deepak Kumar, M Shuaib, Mohit Tyagi, R S Walia, R P Singh (2020).	DOI /10.1007/978-981-15-4550-4_3.	2020
Book Chapter	Parametric Assessment of Temperature Monitoring Trends in Food Supply Chain Performance System.	Springer Publications, Singapore	Janpriy Sharma, Mohit Tyagi, Arvind Bhardwaj (2020).	DOI 10.1007/978-981-15-4550-4_10.	2020
Book Chapter	Investigation into the Surface Quality in Wire-Cut EDM of M42 HSS: An Experimental Study and Modeling Using RSM.	Springer Publications, Singapore.	Ravi Pratap, Ranjit Singh, R Trehan, R K Garg, Mohit Tyagi (2020).	DOI 10.1007/978-981-15-4550-4_15.	2020
Book Chapter	Assessment of Barriers of Green Supply Chain Management Using Structural Equation Modeling.	Springer Publications, Singapore.	Somesh Agarwal, Mohit Tyagi, R K Garg (2021).	DOI 10.1007/978-981-15-8704-7_55.	2020
Book Chapter	Reliability Analysis of Complex Repairable System in Thermal Power Plant.	Springer Nature, Switzerland	Dilbagh Panchal, Mohit Tyagi, Anish Sachdeva, R K Garg (2020).	DOI 10.1007/978-3-030-31375-3_12.	2020
Book Chapter	Modeling and Analysis of Critical Success Factors for Implementing the IT based Supply Chain Performance System.	Springer Publications, Singapore	Mohit Tyagi, Dilbagh Panchal, Ravi Pratap Singh, Anish Sachdeva (2019).	DOI 10.1007/978-981-13-6476-1_4.	2019
Book Chapter	A Novel framework for Evaluation of Failure Risk in Thermal Power Industry.	Springer Publications, Singapore.	Dilbagh Panchal, Mohit Tyagi, Anish Sachdeva (2019).	DOI 10.1007/978-981-13-6476-1_3.	2019

Book Chapter	Selection of the Optimum Hole Quality Conditions in Manufacturing Environment using MCDM Approach: A Case Study.	Springer Publications, Singapore.	Ravi Pratap Singh, Mohit Tyagi, and Ravinder Kataria, (2019).	DOI 10.1007/978-981-13-6476-1_8.	2019
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Research Projects :

Role	Project Type	Title	Funding Agency	From	To	Amount	Status	Co-Investigator
PI	Seed Grant	Performance analysis of milk process industry	TEQIP-Sponsored	2018	2020	1.8 Lacs	Completed	

Events Organized :

Category	Type	Title	Venue	From	To	Designation
FDP	National	"Advanced Manufacturing and Operations Management"	Delhi Technological University Delhi	03/07/17	14/07/17	organizing member
FDP	National	Automation in Manufacturing (AIM)	Delhi Technological University Delhi	04/05/15	15/05/15	organizing member
FDP	National	Emerging Trends in Industrial Systems (ETIS-18)	Dr B R Ambedkar National Institute of Technology, Jalandhar	09-07-2018	13-07-2018	Course Coordinator
Conference	International	6th Intentional Conference on Production and Industrial Engineering (CPIE-19)	Dr. B R Ambedkar National Institute of Technology, Jalandhar	08-06-2019	10-06-2019	Convener
STC	National	Design and Implementation Issues in Supply Chain Management (DIISCM-18)	Dr B R Ambedkar National Institute of Technology, Jalandhar	03-10-2019	07-10-2019	Course Coordinator
STC	National	Contemporary Extents in Industrial Operations (CEIO-19)	Dr B R Ambedkar National Institute of Technology, Jalandhar	06-12-2019	10-12-2019	Course Coordinator
STC	National	Advances in Manufacturing Methods and Process Optimization (AMMPO-19)	Dr. B R Ambedkar National Institute of Technology Jalandhar	11-12-2019	15-12-2019	Convener
Conference	National	National Conference on Innovations and Best Practices in Educational System towards Nation Building (IBPESNB-19)	Dr B R Ambedkar National Institute of Technology, Jalandhar	30-11-2019	01-12-2019	Joint Organizing Secretary

Conference	International	Conference on Industrial and Manufacturing Systems (CIMS-2020)	NIT Jalandhar, India,	08-10-2020	10-10-2020	Secretary
Webinar	International	Indo German Bi-lateral Funding Programme for Advanced Industrial Research- Sponsored by Indo-German Science and Technology Centre, New Delhi	NIT Jalandhar	26-06-2020	26-06-2020	Coordinator
Webinar	National	New Perspectives on Online Education: Education 4.0	NIT Jalandhar	30-05-2020	30-05-2020	Coordinator
Webinar	National	Aatamn Nirbhar Bharat	NIT Jalandhar	27-07-2020	27-07-2020	Coordinator
FDP-ATAL	National	3D Printing and Design (3DPD-20)	Dr. B R Ambedkar National Institute of Technology Jalandhar	14-12-2020	18-12-2020	Coordinator
STC	National	Machine Learning Using Python	Dr. B R Ambedkar National Institute of Technology Jalandhar	11-09-2020	15-09-2020	Coordinator
STC	National	Reliability Maintainability and Quality Issues in Process Industries (RMQPI-20)	Dr. B R Ambedkar National Institute of Technology Jalandhar	04-08-2020	08-08-2020	Coordinator
STC	National	Supply Chain Management: Challenges and Strategies (SCMCS-20)	Dr. B R Ambedkar National Institute of Technology Jalandhar	13-07-2020	17-07-2020	Coordinator
STC	National	Hybrid Manufacturing Processes: Opportunities and Challenges (HMPOC-20)	Dr. B R Ambedkar National Institute of Technology Jalandhar	06-07-2020	10-07-2020	Convener
Conference	International	International Conference on Recent Development on Materials, Reliability, Safety and Environmental Issues (IMRSE-2021),	Dr B R Ambedkar National Institute of Technology, Jalandhar	25/06/2021	27/06/2021	Joint Organizing Secretary
Conference	International	2nd International Conference on Industrial and Manufacturing Systems (CIMS-2021),	PEC Chandigarh	11/11/2021	13/11/2021	Secretary

Conference	National	2nd National Conference on Innovations and Best Practices in Educational System towards Nation Building (IBPESNB-21),	NIT Jalandhar	17/12/2021	18/12/2021	Joint Organizing Secretary
FDP	National	Information and Communication Technology in Education (ICTE-20) sponsored by AICTE-ATAL Academy	Dr. B R Ambedkar National Institute of Technology Jalandhar	04/01/21	08/01/21	Coordinator
FDP	National	Hybrid Machining Solutions for Typical/Complex Engineering Applications (HMSEA-21)	Dr. B R Ambedkar National Institute of Technology Jalandhar	01/02/21	05/02/21	Coordinator
FDP	National	Additive Manufacturing: Programming, Operation and Applications (AMPOA-21)	Dr. B R Ambedkar National Institute of Technology Jalandhar	20/07/21	24/07/21	Coordinator
FDP	National	Advances in Industrial and Systems Engineering” (AISE-21) sponsored by AICTE-ATAL Academy	Dr. B R Ambedkar National Institute of Technology Jalandhar	13/12/21	17/12/21	Coordinator
FDP	National	Enhancing Organizational Competitiveness in the Era of Globalization & Liberalization” (EOCGL-21)	Dr. B R Ambedkar National Institute of Technology Jalandhar	06/12/21	10/12/21	Coordinator
Workshop (Karyashala)	National	SERB-sponsored High-End Workshop (Karyashala) on “Statistical Tools: Modeling and Optimization” (STMO-22)	Dr. B R Ambedkar National Institute of Technology Jalandhar	18/07/22	24/07/22	Coordinator

Professional Affiliations :

Designation	Organization
Member	Institution of Engineers India (IEI)
Life Member	Operational Research Society (ORSI)
Life Member	Indian Society of Technical Education (ISTE)
Senior Member	Indian Institution of Industrial Engineering (IIIE)

PhD Supervised :

Scholar Name	Research Topic	Status	Year	Co-Supervisor
Amit Kumar Shukla (PT)	Smart Supply Chain	Ongoing	2021	Prof. Anish Sachdeva
Somesh Agarwal	Supply Chain Performance System: Circular Economy	Ongoing	2019	Prof R K Garg
Neeraj Kumar	Cold Supply Chain Performance System	Ongoing	2019	Prof Anish Sachdeva
Janpriy Sharma	Food Supply Chain Performance System	Ongoing	2018	Prof Arvind Bhardwaj

PG Dissertation Guided :

Student Name	Dissertation Title	Status	Year	Co-Supervisor
Ashwin Kuttu	Industrial Efficiency Improvement- A Case Study in Tyre Industry	Completed	2022	
Ram Dayal Pandey	Impact of Industry 4.0 on Supply Chain Performance	Completed	2022	
Rishikant Mishra	An Integrated Fuzzy TOPSIS and Fuzzy COPRAS Model for Drone Battery Selection	Completed	2022	
Shivam Mishra	Parametric Assessment of Circular Economy Enablers for Improving the Supply Chain Performance	Completed	2022	
Rishab Sharma	Challenges Faced In Implementation of Additive Manufacturing in Indian Pharmaceutical and Healthcare Manufacturing Sector	Completed	2021	
Thakur Singh Kharayat	Factors Responsible for Drugs Shortage in Pharmaceutical Sector	Completed	2021	
Rajeev Rawat	Redesign of Wheel Assembly Line using Simulation and Heuristic Method	Completed	2021	
Shubhendu Singh	Assessment of Framework to Prioritize Agroforestry System for Sustainable Development in Agricultural Sector	Completed	2020	
Ruchi Gupta	Model Development for Supply Chain Performance in the Context of Circular Economy	Completed	2020	
Lalit	Analysis of Paper Waste Management For a Corrugation Industry Using Artificial Neural Network, RCA's 5 Why's Technique with TOPSIS	Completed	2020	
Preeti Pandey	Identification and Analysis of Lean Manufacturing Issues in Small and Medium Enterprises	Completed	2019	
Neeraj Kumar	Model Development & Analysis for Cold Supply Chain Performance System: Using AHP- Fuzzy TOPSIS Hybrid Approach	Completed	2019	
Mohammad Imran Mansoori	Model Development and Assessment for E-Waste Management System in Indian Scenario	Completed	2019	
Sarthak Dhingra	An Analysis of Drivers and Barriers for Block chain Technology Adoption in Indian Industries	Completed	2019	
Tarandeep Singh Rana	Alternatives Estimation For Improving Food Waste Management System Using Delphi-AHP-TOPSIS Approach	Completed	2019	

Indraneel Das	A Novel FMEA-Doubly TOPSIS Approaches Based Framework for Risk Analysis in Milk Process Industry	Completed	2019	
Gaurav Mishra	Exploring and analyzing SCM challenges faced by the dairy industries by using DEMATEL approach	Completed	2018	
Yogesh Kumar	Risk mitigation in supply chain using Fuzzy DEMATEL approach: A case example of healthcare industry	Completed	2018	
Deepak Kumar	Identification and Analysis of Lean manufacturing strategies using ISM with fuzzy MICMAC approach	Completed	2016	
Sanjeev Kumar	Parametric analysis of IT enabled SCM system of an organization	Completed	2016	
Amit Sardhana	Study and analyze the influence of IT based parameters on supply chain performance system of an organization	Completed	2016	
Arvind Gupta	Develop and analyze a model for sustainable supply chain performance of an organization: A case study	Completed	2016	
Ragesh Ramachandran	Identification and Analysis of challenges and bottleneck in cold chain logistics: A case of Pharmaceutical Industry	Completed	2016	
Sachin Malhotra	Develop a framework for e- retailing orientation	Completed	2016	
Abhijeet Kumar	Cost analysis of poor quality in apparel manufacturing	Completed	2015	
Ritesh Sharma	Development and analysis of a model for supplier selection using AHP: a case of automobile industry	Completed	2015	
Subash Kumar	Identification of key performance indicators in humanitarian logistics	Completed	2015	
Sonu Navgotri	Finite Element Analysis of pin on disc test to analyze sliding wear between hard chrome disc and cylinder liner pin	Completed	2015	

Admin. Responsibilities :

Position Held	Organization	From	To
Member of Joint Admission Counseling (JAC-2015-Delhi)	Delhi Technological University (DTU), Delhi.	June 2015	June 2016
Assistant warden of boy's hostel	Delhi Technological University (DTU), Delhi	Sep-2014	July-2015
Warden of boy's hostel (3 & 4)	National Institute of Technology (NIT), Jalandhar	Feb-2018	Nov-2018
Warden of Mega boy's hostel (MBH) Block F	National Institute of Technology (NIT), Jalandhar	Nov-2018	July-2019
Warden of boy's hostel 5	National Institute of Technology (NIT), Jalandhar	July-2019	August-2020
Coordinator Academic (PG)	National Institute of Technology (NIT), Jalandhar	May-2019	March-2021
Assistant Training Officer	National Institute of Technology (NIT), Jalandhar	May-2019	Till now
Assistant Public Relation Officer (APRO)	National Institute of Technology (NIT), Jalandhar.	June-2020	June-2022
Warden of boy's hostel 1	National Institute of Technology (NIT), Jalandhar.	March-2021	Till now
Warden of boy's hostel Mega-F Block	National Institute of Technology (NIT), Jalandhar.	October-2018	July-2019

Award and Honours :

Title	Activity	Given by	Year
Best Paper Presentation Award	18th International Conference on Industrial Engineering and Management (ICIEM-2016)	World Academy of Science, Engineering and Technology (WASET) at Wembley, London, United Kingdom	2016
Gold MEDAL	Scoring Highest Marks in M.Tech Programme	MNNIT Allahabad	2010
HONORS	B.Tech.	UPTU Lucknow	2008