"Special Issue on Supply Chain and Operations to Create New Value of Business Output: Concepts, Cases and Models"

The aim of this special issue is to put forth the state-of-the-art research outcomes in the area of Supply Chain and Operations to create new value of business models for analysis, design, co-ordination, control of manufacturing and service system operations. Modern production firms witness tremendous pressures while striving to become more innovative in their usage of leading-edge cost reduction paradigms such as cost-driven pricing which is difficult to achieve in the volatile competitive market. The theme of this issue is relatively broader and pervasive. It includes the analysis of cutting edge and future proof production technology and supply chain strategies to create new value of business output. The fundamental approach would be seeking for creating values through supply chain efficiency, robustness, cost optimization with resource and cost constraints, gaining competitive advantage through operational efficiency, integrated productivity, risk management, supplier selection strategies, quality models and their trend analysis, recent developments in supply chain models and operations management with the application of quantitative techniques, optimization techniques (through advanced software applications) for managerial decision-making process. Manuscripts that focus on the functionality of supply chain and operations management are invited. Studies that investigate concepts, cases and models related to supply chain and operations management are also invited. This study will be an extensive framework for integrating multiple disciplines such as Supply Chain Management, Operations Management, Decision Sciences, Operations Research, Logistics and Inventory Management, Total Quality Management, Resource Management, Cost Management and Business Trend analysis.

About the issue

This special volume of the Journal of Supply Chain and Operations Management (JSCOM) on the theme “Supply Chain and Operations to Create New Value of Business Output: Concepts, Cases and Models" aims to present the recent advances in creating new value of business output in supply chain management and operations management with analytical concepts, cases and models to solve the real life problems to the broader operations management research community.
Specific topics of interest include but are not limited to:

- Supply Chain Robustness and Stability Analysis
- Planning Supply Chain Performance under Uncertainty
- Strategies to Supply Chain Disruption Management
- Supply Chain Design with Resilience and Business Continuity Considerations
- Trade-off “Resilience vs. Efficiency” in Supply Chain Optimization
- Supply Chain Risk Management
- Post-Disruption Supply Chain Recovery
- Supply Chain (re)Scheduling with Closed-loop Properties
- Supply Chain Visibility and Monitoring Process Execution in the Supply Chain
- Quantitative Analysis Techniques for Supply Chain Control
- Supply Chain Control Policies and Algorithms
- Costs Analysis and Performance Measurement for Supply Chain Control and Adaptation
- Supply Chain Processes in Manufacturing and Service Organizations
- Upstream Supply Management and Downstream Demand Management
- Technology Management for Supply Chain
- Supply Chain Planning, Scheduling and Control
- Human Resource Management for Supply Chains
- Purchasing/Sourcing Management
- Materials and Inventory Management
- Logistics, Transportation, Distribution, and Materials Handling
- Operations and Information Management
- Sustainable Supply Chain Operations
- Global Supply Chain and Green Supply Chain Management
- Analytical Approaches to Maximize Returns on Investment
- Planning for Bridging the Widening gap between Demand and Supply
- Integrated Productivity and Quality Models and their Analysis
- Product Dynamics and Demand Forecasting
- Suppliers Selection Strategies
Important dates
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