Supply chain and logistics

Chapter 1. A Framework for Improving Logistics Operations at Container Terminals

Chapter 2. An Algorithm to Supply Chain Configuration based on Ant System

Chapter 3. Improving the Supply Chain (SC) stream with Green Product Design (GPD) strategy: Green Supply Chain Management (GSCM)

Chapter 4. Logistics geostrategy as a decision factor to locate a Multimodal Logistics Platform

Chapter 5. Logistics practices in small & medium enterprises (SME): Risk context survey for hurricanes

Human Factors and Decision Making

Chapter 6. Ergonomic Assessment of Material Handling in CV Joint Assembly

Chapter 7. Macroergonomic Work Systems’ Design Factors and Elements: A Literature Review

Chapter 8. An Ergonomic Compatibility Perspective on the Selection of Advanced Manufacturing Technology: A Case Study for CNC vertical machining centers


Chapter 10. Influence of ICT in the Industrial Sector MSMEs

Chapter 11. Operational Risk Management in Third Party Logistics (3PL)

Quality control

Chapter 12. Automatic Defect Detection and Classification of Terminals in a Bussed Electrical Center Using Computer Vision

Chapter 13. Factorial design for reduction of variation on plastic parts weight: Plastic parts weight and injection molding

Chapter 14. CAD Applied to the Design and Cost Reduction in the use of Molds for DIE Casting Process

Chapter 15. Cloud Computing-A Wave In service supply chain

Chapter 16. The Role of Strategic Outsourcing in Global Business
**Lean manufacturing**

Chapter 17. Improved Laser Cutting Process in Textile-Automotive Industry

Chapter 18. Smed: A literature review from 1985 to 2015

Chapter 19. Using Lean-Sigma for the integration of two products during a Ramp-up event

Chapter 20. The management commitment and its impact on economic and competitive benefits gained by the implementation of kaizen in the industry: Management commitment and its relation to economic and competitive benefits of Kaizen

Chapter 21. The Six Sigma Strategy: Tools and Techniques

**Optimization**

Chapter 22. Managing Emergency Units Applying Queueing Theory

Chapter 23. Optimizing the Reconfiguration of Machining Desktop Micro-Factory Based-on Scheduling Simulation

Chapter 24. Sustainable Operation Planning and Optimization in Manufacturing - a case with Electro-Discharge Machining

Chapter 25. Management practices for processes optimization – Case of Slovenia

Chapter 26. The Knowledge Transfer Process on the Development of Dynamic Capabilities through Industrial Networks