

European Journal of

INDUSTRIAL ENGINEERING

Scope of the Journal

The main goal of the European Journal of Industrial Engineering (EJIE) is to present state-of-art, high quality, research developments in all areas of Industrial Engineering, as well as their applications in industry and services, to a broad audience of academics and practitioners. Targeted areas include manufacturing, operations management, product and process design, information systems, business and strategy, and quality management among others. In order to bridge the gap between theory and practice, applications and case studies are particularly welcome. For theoretical papers, their originality and research contributions are the main factors in the evaluation process.

The Editorial Board is committed to a quick and swift process of less than 10 weeks (from submission to the initial decision) so that the latest developments and advances are available without delay to professionals, academics, researchers, and practitioners and so that authors will be able to know the evaluation of their work within a short time.

Subject coverage:

EJIE covers a broad range of topics including, but not limited to, the following:

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- Case studies in industry and services
- Decision analysis
- Engineering economy and cost estimation
- Environment issues
- Facility location, layout, design and materials handling
- Human factors, ergonomics and safety
- Information and communication technology and systems
- Innovation, knowledge management and organisational learning
- Inventory, logistics and transportation
- Manufacturing, control and automation
- Operations management
- Performance analysis
- Product and process design and management
- Forecasting, production planning and control
- Project management
- Reliability and maintenance engineering
- Service systems and service management
- Scheduling in industry and service
- Systems and service modelling and simulation
- Supply chain management
- Total quality management and quality engineering



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Content of Inaugural Issue of EJIE

VOL. 1(1), 2007

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C. Kenneth Jones

Quantification of risk mitigation environment of supply chains using graph theory and matrix methods

Mohd Nishat Faisal, D.K. Banwet, Ravi Shankar

The 'effective variance' control chart for monitoring the dispersion process with missing data

J. Carlos Garcia-Diaz

Influencing factors of job waiting time variance on a single machine

Xueping Li, Nong Ye, Xiaoyun Xu, Rapinder Sawhey

Scalable material assignment methods for build-to-order environments

Kaipei Chen, Scott A. Moses, P. Simin Pulat

A multimedia educational tool integrating materials handling technology, analysis and design using a virtual distribution center

Shaelynn Hales, Sunderesh S. Heragu, Robert J. Graves, Sybillyn Jennings, Charles Malmborg

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