INTERNATIONAL JOURNAL OF APPLIED INDUSTRIAL ENGINEERING

January-June 2012, Vol. 1, No. 1

Table of Contents

RESEARCH ARTICLES

1 The Self-Regulatory Focus as a Determinant of Perceived Richness of a Communication Medium

Vicenc Fernandez, Universitat Politècnica de Catalunya, Spain Xavier Armengol, Universitat Politècnica de Catalunya, Spain Pep Simo, Universitat Politècnica de Catalunya, Spain

10 Application of the Theory of Constraints (TOC) to Batch Scheduling in Process Industry

Dong-Qing Yao, Towson University, USA

23 Association Rule Mining in Developmental Psychology

D. A. Nembhard, Pennsylvania State University, USA

K. K. Yip, Pennsylvania State University, USA

C. A. Stifter, Pennsylvania State University, USA

38 Supply and Production/Distribution Planning in Supply Chain with Genetic Algorithm

Babak Sohrabi, University of Tehran, Iran Mohammad Reza Sadeghi Moghadam, University of Tehran, Iran

55 A Production Planning Optimization Model for Maximizing Battery Manufacturing Profitability

Hesham K. Alfares, King Fahd University of Petroleum & Minerals, Saudi Arabia

64 Retailer Ordering Policy for Deteriorating Items with Initial Inspection and Allowable Shortage Under the Condition of Permissible Delay in Payments

Chandra K. Jaggi, University of Delhi, India Mandeep Mittal, Amity School of Engineering & Technology, India