Table of Contents

Preface .................................................................................................................................................. xiii

Section 1
Process Management

Chapter 1
Order Release Strategies for Customer Order Scheduling Problems in Dynamic Environments ........ 1
Paolo Renna, University of Basilicata, Italy

Chapter 2
Managing Organizational Change ........................................................................................................ 22
Martin L. Bariff, Illinois Institute of Technology, USA

Chapter 3
Green Process Management Using Six Sigma Concepts .................................................................... 48
Seifedine Kadry, American University of the Middle East, Kuwait

Chapter 4
New Product Development: Challenges and Implications ................................................................. 62
Hassanali Rassouli, Aagahn Information Technology Consultants, Iran

Chapter 5
Supply Chain Analysis .......................................................................................................................... 84
Mohammad Anwar Rahman, University of Southern Mississippi, USA

Chapter 6
Intellectual Property Rights in Semi-Conductor Industries: An Indian Perspective ....................... 97
Satish Chandra Tiwari, NSIT, India
Maneesha Gupta, NSIT, India
Mohammad Ayoub Khan, Government of India, India
A. Q. Ansari, Jamia Millia Islamia, India
Chapter 7
Defect Trend Analysis of MI-172 Helicopters Through Maintenance History ........................................ 111
   Mudassir Hussain, Centre for Advanced Studies in Engineering, Pakistan
   Irfan Anjum Manarvi, HITEC University, Pakistan
   Assad Iqbal, Bahria University Islamabad, Pakistan

Section 2
Project Management

Chapter 8
Component Failure Analysis of J69-T-25A Engine .......................................................... 128
   Muhammad Asim Qazi, Center for Advanced Studies in Engineering, Pakistan
   Irfan Manarvi, HITEC University Taxila, Pakistan
   Assad Iqbal, Bahria University Islamabad, Pakistan

Chapter 9
Lean Development: A Tool for Knowledge Management in Software Development Process ......... 142
   Saqib Saeed, University of Siegen, Germany
   Izzat Alsmadi, Yarmouk University, Jordan
   Farrukh Masood Khawaja, Ericsson Telekommunikation GmbH & Co. KG, Germany

Chapter 10
Management Practices in Exploration and Production Industry ........................................... 151
   Kashif Saeed, Wintershall Holding GmbH – Kassel, Germany
   Georg Ziegler, Wintershall Holding GmbH – Kassel, Germany
   Muhammad Kashif Yaqoob, Mubadala Petroleum – Abu Dhabi, UAE

Chapter 11
Reasons Behind IT Project Failure: The Case of Jordan ...................................................... 188
   Emad Abu-Shanab, Yarmouk University, Jordan
   Ashraf Al-Saggar, Irbid Electricity Company, Jordan

Chapter 12
Issues and Technologies of Effective Energy Management ............................................... 203
   Edward T. Chen, University of Massachusetts – Lowell, USA

Chapter 13
An Examination of the Decision Making Styles of Egyptian Managers ............................ 219
   Hisham M. Abdelsalam, Cairo University, Egypt
   Reem H. Dawoud, Financial Consultant, Egypt
   Hatem A. ElKadi, Cairo University, Egypt
Chapter 14
Identification of Major FOD Contributors in Aviation Industry ..................................................... 237
Hammad Ahmed Rafiq, Centre for Advance Studies in Engineering (CASE), Pakistan
Irfan Anjum Manarvi, HITECH University Taxila, Pakistan
Assad Iqbal, Bahria University Islamabad, Pakistan

Section 3
Technology Management

Chapter 15
Media Management in Disaster Events: A Case Study of a Japanese Earthquake ......................... 252
Eleonora Benecchi, University of Lugano, Switzerland
Vincenzo De Masi, University of Zurich, Switzerland

Chapter 16
The Impact of Virtual Community (Web 2.0) in the Economic, Social, and Political Environment of Traditional Society .......................................................... 262
Irene Samanta, Technological Educational Institute of Piraeus, Greece

Chapter 17
Website Performance Measurement: Process and Product Metrics........................................... 275
Izzat Alsmadi, Yarmouk University, Jordan

Chapter 18
Measuring the Conceptual Variables for E-Services Acceptance: A Descriptive Statistical Analysis................................................................................................. 302
Kamaljeet Sandhu, University of New England, Australia

Chapter 19
Empirical Analysis for E-Services Acceptance Model: Important Findings ............................... 310
Kamaljeet Sandhu, University of New England, Australia

Compilation of References ............................................................................................................. 323

About the Contributors .................................................................................................................. 343

Index............................................................................................................................................. 350