Foreword

Traditional Logistics Supply Chain Management (LSCM) aims at movement of goods and services from one end of a chain to the other through different stages so as to improve the efficiency, productivity, and profitability of the entire process. Spanning across the economic function of the value chain of a product or service, LSCM has been instrumental in connecting and smoothing business activities, forming various kinds of business relationships among LSCM participants. Relationship management in LSCM increasingly becomes one of the core functions in today’s marketplace for companies to strive for business competitiveness to meet the dynamic economy calls for innovative logistics operation and supply chain management to address uncertainties and improve efficiencies for business agility. Handbook of research on designing and implementing Global Supply Chain Management provides technological solutions with electronic SCM infrastructure and networks that can support interconnections among supply chain participants and enable them to collaborate in a much more efficient and effective manner with provisions of agile and responsive planning and business decisions capabilities.

Key technological and business enablers for Global Supply Chain Management includes Radio Frequency Identification (RFID) technology, cloud computing and infrastructures, service innovation, and advance business analytics. They are critical to develop infrastructure, application, and management, technologies for Global Supply Chain business competitiveness and sustainability in the fast changing business environment.

This book titled *Handbook of Research on Designing and Implementing Global Supply Chain Management* has 13 well selected chapters to give students, researchers, and practitioners a critical understanding of current academic and pragmatic approaches to Global Logistics and Supply Chain Management. Among those three chapters are devoted to the introduction to the concepts of Global Supply Chain Management, relevant strategies seven chapters are devoted to the examination of various elements of Supply Chain Management Global Strategies, and five chapters are devoted to solution enablers for evolving business with good balance materials. This book would serve well as an aid to readers who like to read introductory materials of Global Supply Chain Management and to those who like to gain deeper insights in specific focus areas of Global Supply Chain Management. Overall this book provides updated materials disclosing innovative findings for Global Supply Chain Management. As Global Supply Chain Management not only has enterprises to improve their business processes today, but also enables them to adopt technological solutions in the future, it support business evolutions, specially enabling innovative business models for creating values for customers. This book would, of course, help readers to gain understanding and insights in this important yet fast developing field.

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Devinder Kumar Banwet, FIE, a Mechanical Engineer, is a PhD in Industrial Engineering/Production & Operations Management (IIT Delhi) and is currently an Emeritus Professor at the IIT Delhi. A good dedicated teacher, researcher, consultant, trainer and administrator with over 40 years of experience spanning from Panjab University Business School Chandigarh to IIT Delhi Department of Management Studies including a Foreign assignment of 2 years as a Research Scientist at the Techno Economics Division at the Kuwait Institute for Scientific Research & thrice of 3 months each a Govt. of India deputation as Experts teaching at the Asian Institute of Technology Bangkok Thailand & around 1 month delivering Special Lectures at the UNIVERSITY of Sorbonne at Paris. Prof. Banwet has guided around 30 PhD research scholars that have been awarded from IIT Delhi & 150+ research papers of national and international repute. A good record of research publications arising mainly from our doctoral research programme having got Literatti Best Paper / Highly recommended Award etc. from a list of around 150+ papers in journals of national & international importance. Received Eminent Engineering award of Institution of Engineers (India), Dewang Mehta Award Best teacher in Operations Management & a few Life time Achievement Awards. Active in Professional bodies. Currently Chairman Indian Institution of Industrial Engineering Delhi Chapter & earlier having been National President ISTD, President Decision Science Institute USA India Chapter; Chairman of MBA programmes Accreditation, World Bank aided TEQUIP as Mentors &/or Auditors & Board Members of a few Engineering &/or Management Institutions. Was Group Chair Operations & Supply Chain Management at IIT Delhi, Department of Management Studies, Conceptualised the MBA program & Designed, Developed taught primarily in the area of Production, Operations, Project, TQM, Technology, Optimization, IT. Manufacturing & Supply Chain Management.