

Operations and Supply Chain Analytics for Competitive Advantage

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About the Programme

In the current Volatile, Uncertain, Complex and Ambiguous (VUCA) business environments the operations and supply chain analytics have become the basis for most of the companies to effectively and efficiently compete in providing the best products and services to their customers. Most of the companies are increasingly adopting analytics to dynamically focus on the order winning characteristics and strive to derive the sustainable competitive advantages. Consequently, now-a-days most of the decisions made along the supply chain functions are becoming more data driven to have the evidence based strategies established. Thus, it is the need of the hour that the practicing managers understand the significance of various operations and supply chain management decisions and stay ahead of the curve in adopting the analytics.

Having said the importance of analytics in making the right operations and supply chain management strategies, it is essential to have well trained personnel to efficaciously practice the same. In this regard a Management Development Program (MDP) is proposed by the Institute of Public Enterprise (IPE) to present the best operations and supply chain analytics practices applied globally.

The program has been designed to provide the practitioners the essential learning that would transcend their understanding from the fundamentals to advance supply chain management concepts. The participants will learn the supply chain strategies that are made in line with the corporate strategies. Also there will be interactive sessions where the participants will learn the analytics tools and gain some hands on experience in making the supply chain decisions.

Programme Objectives

- To understand the basics of operations and supply chain management concepts and their implications on the overall supply chain performance.
- To understand how the supply chains are designed to achieve efficiency and responsiveness in managing the supply chain flows.
- To appreciate the significance of various supply chain decisions and learn to use the prominent decision making and analytics tools.
- To analyze and understand various critical aspects of operations and supply chain management practice in the companies.

Programme Contents

- Basics of Operations and Supply Chain Management
- Business Analytics Models
- Supply Chain Network Design
- Supply Chain Optimization
- Supply Chain Risk Analytics
- Case Applications of Various Industries (viz. manufacturing, retail, food and healthcare)

Target Group

The knowledge of operations and supply chain analytics is essential for every practitioner regardless of his/ her role in any function in contributing towards the success of the company. The proposed training would improve the efficiency of the junior and middle level supply chain and logistics managers, production & operations managers, supply chain analysts, logistics engineers, logistics managers, materials managers, purchasing managers, facilities managers, supply chain analysts/managers, warehouse managers, logistics information systems managers, sourcing and procurement analysts and business analysts from government and private organizations. The program is also useful for the graduate, post graduate and PhD students who want to build their careers in the area of operations and supply chain management.