

## **OTM-816 Special Topics in SCM**

1. This is an advanced level course designed for postgraduate students with particular focus on research topics in the field of supply chain management. The course will cover all major areas of literature on supply chain management as a specialization and gives a deep understanding of different concepts discussed by researchers.

### **Content**

2. Overall themes covered are: theory of supply chain management; supply chain analysis; demand planning; matching demand and supply; supply chain collaboration and coordination; dynamics of global supply chains; supply chain risk management; supply chain disruptions; measuring logistics costs and performance; impact of reverse logistics; supplier relationship management; customer relationship management; role of it in supply chain management; supply chain agility, flexibility and resilience; process optimization in distribution management, warehousing management and transportation management; strategic SCM; supply chain analytics; predictive analytics; sustainable supply chains; and green supply chains.

### **3. Objectives**

- a. Understand the core concepts of supply chain management.
- b. Understand and identify special topics in supply chain management research.
- c. Identify emerging trends in supply chain management research.

### **Outcomes**

4. Student will be able to:

- a. Understand research process in supply chain management.
- b. Identify a research topic in the area of supply chain management.
- c. Enhance academic writing skills in presenting research work

### **5. Text and reference books**

- a. Articles from all major and relevant journals in the field of supply chain management
- b. Research themes to be assigned to small teams of students