COURSE OBJECTIVES:

The aim of the course is to develop students with a sound understanding and essential knowledge of purchasing and supply chain management and its applications.

MODULE:

1. INTRODUCTION

- To introduce the module and handout assessment;
- To explain purchasing, supplier and supply chains;
- To understand the varying nature and the importance of purchasing and supply chain management;
- To understand changes in environmental conditions and its impact on purchasing and SC management
- To discuss the steps in a standard purchasing process;
- To understand the strategic importance of purchasing;
- To list different types of purchasing strategy.
- To identify and discuss the sources of SC complexity
- To understand Supply-base optimization process
- To understand supplier performance and evaluation
- To discuss critical issues in supplier selection

2. PURCHASING

- To address key issues in supplier development;
- To understand sourcing process and decision makings;
- To understand the management of suppliers;
- To study the trends in suppliers management.

3. SUPPLY CHAIN DIMENSIONS

- To learn how to make outsourcing/ make-or-buy decisions
To understand supply chain relationships
To understand and apply supplier relationship models
To explore how to manage outsourcing relationship
To understand the role of performance measurement
To discuss the traditional measurement
To familiar with supply chain measurement (supply chain measures)
To apply methods of evaluating supplier performance
To discuss various roles of inventory
Understand the characteristics of forecasts
To explore different types of forecast and time Horizon in forecasting
To understand and apply different types of forecasting methods
  o Qualitative methods
  o Quantitative methods
To discuss JIT and MRP

4. SUPPLY CHAIN OPERATIONS

To understand the importance of SC integration;
To describe the integration methods;
To discuss the emergence of SCM as a strategic response to a changing competitive environment;
To identify various SC strategies;
To introduce the concept of supply chain risk management and continuity;
To examine sources of supply chain risk;
To identify strategies for reducing risk for the supply chain;
To examine ways of improving the resilience of the supply chain.
Discuss the contemporary SCM issues;
Identify the issues driving globalization;
Explain how globalization has changed the rules of competition;
Discuss the critical issues involved in designing a global supply chain network.

PRE-COURSE READINGS:


DELIVERABLES:

After the completion of the course will provide an opportunity to develop their knowledge of concepts and practices of purchasing and supply chain management. Would encourage students to opt for higher studies.
COURSE EVALUATION:

- Pre-course Assignment 30%
- Group Project 30%
- End Term Exam 40%