



SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY)

(Established under section 3 of the UGC Act 1956)

Re - accredited by NAAC with 'A' Grade

Founder: Prof. Dr. S. B. Mujumdar, MSc, Ph.D. (Awarded Padma Bhushan and Padma Shri by President of India)

Sub Committee - Specialization for Curriculum Development

Course Name : Enterprise Resource Planning and Supply Chain Management

Course Code : T3673

Faculty : Computer Studies

Programme Type : PG

Course Credit : 4

Course Level : 4

Sub-Committee (Specialization) : IT Infrastructure Management

Batch : 2021

Learning Objectives :

To understand the basics of ERP and SCM

To implement concepts of ERP and SCM using various ERP and SCM tools.

To know the current trends in ERP and SCM in today?"s digital world.

To compare various ERP and SCM technologies

Books Recommended :

Book	Author	Publisher
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1. Enterprise Resource Planning and Supply Chain Management: Functions, Business Processes and Software for Manufacturing	Karl Kurbel	Springer
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Course Outline :	Sr. No.	Topic	Hours
	1	Course Introduction, background, interlocking of ERP & SCM	2
	2	ERP - Introduction Historical Evaluation of ERP ERP and e-Commerce ERP Vendors ERP Architecture	6
	3	ERP Lifecycle Business Process Re-engineering ERP Life Cycle Phases Selection of ERP Packages Do?"s & Dont?"s in ERP Projects	8
	4	ERP Implementation Environment for ERP Implementation Phases of ERP Implementation Change and Risk Management Return on Investment (ROI)	8
	5	ERP Modern concepts Master Data Management General Ledger & Accounts Accounts Payable and Receivable Asset Management Open source ERP tools	8

6	SCM Fundamentals Basic Concepts, importance of SCM Development of SCM historically Information Technology and SCM	4
7	Business Process Integration	4
8	Logistics Logistics & Supply Chain Management Logistics Operations Other Logistics Service Providers International Logistics Freight Forwarding Reverse Logistics	10
9	Other SCM concepts Documentation in Supply Chain Warehouse Management System Supply Chain Network Supply Chain Network Design Internet Enabled Supply Chains SCM - Problems and Roadblocks SCM as Source of Competitive Advantage, Open source SCM tools	10

Pre Requisites :

Basics of ERP and SCM

Evaluation :

Assignment
case studies
Class test
Presentation

Pedagogy :

Lecture & Discussion

Case analysis

Article analysis

Quizzes

Project presentation

Expert :

Dr. Sachin Naik,Assistant Professor,SICSR