FOURTH YEAR DETAIL SYLLABUS

7th Semester	16IMN701	Fundamentals of ERP	L-T-P 4-0-0	4 Credits	35 hrs

MODULE-I

ERP as Integrated Management Information System, Evolution of ERP, Benefits of ERP and Competitive Advantages, ERP vs. Traditional Information System.

Business Process Reengineering-need and challenges, Management Concerns about BPR, BPR to build Business Model for ERP.

MODULE-II

ERP Packages: Basic Constituent of ERP, Selection Criteria for ERP packages, Procurement Process for ERP Packages, Overview of ERP packages –PEOPLE SOFT,SAP-R/3,BAAN IV,MFG/PRO,IFS/AVALON,ORACLE-FINANCIAL.

MODULE-III

ERP Implimentation-issues, Role of Consultants, Vendors, Users, Need for Training, Customization, ERP Implementation Methodology and Post Implementation Issues.
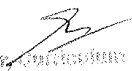
Supply Chain Management-Order Management, Logistics, SCM Basic Principles, Task and Competencies, Interfaces and Complexities. Types of SCM, Potential Benefits of SCM, Possible Obstacles, Application System Supporting SCM Engineering. Product Data Management, Sales, Procurement, Production, MRP, Distribution

MODULE-IV

ERP case studies in HRM, FINANCE, PRODUCTION, PRODUCT DATABASE, and MATERIAL SALES & Distribution.

Books:

- Enterprise Resource Planning Concepts And Practices By Vinod Kumar Garg & N K Venkatakrishna, PHI.
- Enterprise Resource Planning By S Sadagopan,PHI
- Enterprise Resource Planning, Murthy CSV, HPH
- Enterprise Resource Planning Alexis Leon Tata McGrew Hill.
- A Text Book Of ERP , Jaiswal M., Mcmillan