

Course Title: Enterprise Resource Planning

Course Code: 15MB52C6

SEMESTER – II / Year I

L-T-P : 3 -0-0

Credits : 3

COURSE OBJECTIVES

The objectives of this Course are

1. To provide a contemporary and forward-looking on the theory and practice of Enterprise Resource Planning Technology.
2. To focus on a strong emphasis upon practice of theory in Applications and Practical-oriented approach.
3. To train the students to develop the basic understanding of how ERP enriches the business organizations in achieving a multidimensional growth.
4. To aim at preparing the students technological competitive and make them ready to self-upgrade with the higher technical skills.

COURSE OUTCOMES

After completing this course, student will be able to

1. Make basic use of Enterprise software, and its role in integrating business functions
2. Analyze the strategic options for ERP identification and adoption.
3. Design the ERP implementation strategies.
4. Create reengineered business processes for successful ERP implementation.

SYLLABUS

ERP-Introduction; Advantages; ERP and Business – value creation; Integrated Information Management; Enterprise and ERP, Business modeling; Integrated data model . To ERP or not to ERP – Strategic Options; Benefits of ERP: Quantifiable, Intangible; P&G; Risks: People, process, Technology, Implementation, Operational and Managerial risks. Introduction to ERP related technologies; Functional modules of ERP software.; Implementation of ERP: Life cycle; Implementation methodologies, transition strategies; People involved in implementation; Success and failure in implementation – factors. Operation and Maintenance of an ERP system.;

RECOMMENDED TEXT BOOK

1. Enterprise Resource Planning – Alexis Leon – Second Edition – TMH

REFERENCE BOOKS

1. ERP in practice – Vaman - TMH
2. Daniel E.O’Leary, Enterprise Resource Planning Systems, Cambridge University Press, 2002.
3. Ellen Monk, Bret Wagner, Concepts in Enterprise resource planning, Cengage learning, Third edition, 2009.