

SARDAR PATEL UNIVERSITY
Programme: BBA (Information Technology Management)
Semester: VII
Syllabus with effect from: November/December-2013
(Batch-2010)

Paper Code: UM07CBB102	Total Credit:4
Title Of Paper: Enterprise Resource Planning-I	

Unit	Description in detail	Weighting (%)
I	Introduction to ERP and Enterprise Overview Introduction - Evolution of ERP, Reasons for the growth of ERP Market, Advantages of ERP, Enterprise: Introduction, Business Modeling, Integrated Data Model, Integrated Management Information, Basic concepts of ERP, Risks and benefits of ERP	25%
II	ERP and Related Technologies Introduction, Business Process Reengineering (BPR), Management Information Systems (MIS), Decision Support System (DSS), Executive Information Systems (EIS), Data warehousing, Data Mining and Online Analytical Processing (OLAP), Supply Chain Management (SCM)	25%
III	ERP: A Manufacturing Perspective Computer Aided Design/Computer Aided Manufacturing (CAD/CAM), Materials Requirement Planning (MRP), Bill of Material (BOM), Closed Loop MRP, Manufacturing Resource Planning (MRP-II), Distribution Requirements Planning (DRP), JIT and Kanban, Product Data Management (PDM), Benefits of PDM, Make-to-Order (MTO) and Make-to-Stock(MTS), Assemble-to-Order(ATO), Engineer-to-Order(ETO), Configure-to-Order(CTO)	25%
IV	ERP Modules Plant Maintenance, Quality Management, Materials Management	25%
V	Laboratory (Credit -1 Marks-25) Write up on ERP Module: Finance. Journal shall be prepared by student and evaluation of that shall be made by the concerned teacher.	

Basic Text & Reference Books:-

- Alexis Leon: Enterprise Resource Planning, Tata McGraw-Hill
- Internet based resource.

