

SARDAR PATEL UNIVERSITY
Programme & Subject: M.Sc – Information Technology (Integrated)
Semester: VI
Syllabus with Effect from: June - 2014

Paper Code: PS06EIT01	Total Credit: 3
Title of Paper: Enterprise Resource Planning	

Unit	Description in Detail	Weightage (%)
I	Introduction to ERP Enterprise: introduction, business modeling, integrated data model, integrated management information. Enterprise Resource Planning (ERP) : introduction, history. Basic concepts of ERP. Risks (All types risks in brief)	25%
II	ERP & Related Technologies Benefits of ERP.[just an overview] Business Process Reengineering (BPR). Data warehousing, data mining and Online Analytical Processing (OLAP). Product Life Cycle Management (PLM), Supply Chain Management (SCM), Customer Relationship Management (CRM).	25%
III	ERP – Selection and Implementation ERP Package Selection ERP Implementation Life Cycle. Introduction Objective Phases of implementation Why do ERP Implementation Fail?	25%
IV	ERP –Operation, Maintenance & Evaluation Operation of the ERP system ERP Maintenance Phase Measuring performance of ERP Functional modules of ERP software.	25%

Basic Text & Reference Books:

- Alexis Leon: Enterprise Resource Planning, Tata McGraw-Hill, New Delhi 2nd editions.

