SARDAR PATEL UNIVERSITY
Vallabh Vidyanagar
Programme & Subject : B.Sc. CA & IT
Semester – V
PS05DIIT22 : Enterprise Resource Planning
(Syllabus Effective from June 2020)

Credits   **: 2**   **External : 50 Marks**
Contact Hrs per Week   **: 2**   **University Examination Duration: 2 Hrs**
All units carry equal weightage

Unit	Description
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)
II	**ERP and 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).
III	**ERP – Selection and Implementation** ERP package selection ERP Implementation Life Cycle. Introduction Objective Phases of implementation Why do ERP Implementation Fail?
IV	**ERP – Operation, Maintenance and Evaluation** Operation of the ERP system ERP Maintenance Phase Measuring performance of ERP Functional modules of ERP software.

Basic Text and Reference Books:

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