SARDAR PATEL UNIVERSITY
Vallabh Vidyanagar
Programme & Subject : B.Sc. CA & IT
Semester – V
US05DIIT22 : 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.