

SARDAR PATEL UNIVERSITY
Programme & Subject: M.Sc – Information Technology (Integrated)
Semester: I
Syllabus with Effect from: June-2012

.Paper Code: PS01EIIIT02	Total Credit: 2
Title Of Paper: Information Technology in Business	

Unit	Description in detail	Weightage (%)
I	Introduction to Information System-I IS framework for business professional Categories of information The data pyramid(data, information, knowledge, wisdom) Information system and technologies, what is system? Importance of information system in business Information System Activity Input Processing Output Storage Control of system performance Information quality	25%
II	Introduction to Information System-II Components of an information system Information system resources: People, Hardware, Software, Data, Network. Gaining strategic advantage through IT Managerial challenges of IT IS Function	25%
III	Functional Business Systems An introduction to information system for manufacturing Computer integrated manufacturing Marketing and major components of the marketing function Accounting and common business accounting system Human resources management & use of HRM in Organization Financial management and information system in finance Inventory management etc.	25%
IV	Introduction to Enterprise Application An introduction to Enterprise Resource Planning Customer relationship management Supply Chain Management E-Commerce System, Scope of E-Commerce Identifying E-Business & E-Commerce strategies	25%

Basic Text & Reference Books:-

- O'Brien J: Management Information System, Tata McGraw Hill 2004.
- Jessup L, Valacich J: Information System today- why IS Matters, Pearson education 2006

