

SARDAR PATEL UNIVERSITY
Programme: BBA(Information Systems Management)
Semester: V
Syllabus with effect from : JUNE 2013

Paper Code: UM05CBBS06	Total Credit: 3
Title Of Paper: Software Engineering	

Unit	Description in detail	Weighting (%)
1	Introduction Problem Domain The Software Engineering Challenges The Software Engineering Approach	25 %
2	Software Process Software Process-Process and Process Model-Component Software Processes Desired Characteristics of Software Processes Software Development Process Model	25 %
3	Software Requirement Analysis and Specification Software Requirement- Problem Analysis – Characteristics of SRS-Component of SRS Validation Role of Software Architecture	25 %
4	Coding and Testing Coding –Programming Principles and Guidelines-structured and Unstructured Programming Coding Standard Testing-Testing Fundamentals-Test Cases and Test Criteria-Black Box Testing	25 %

Basic Text & Reference Books

- An Integrated Approach to Software Engineering 3rd Edition Pankaj Jalote
- Software engineering Programs, Documentation, Operating Procedures
By K. K. Aggarwal & Yogesh Singh

