SARDAR PATEL UNIVERSITY
Vallabh Vidyanagar, Gujarat
(Reaccredited with 'A' Grade by NAAC (CGPA 3.25)
Syllabus with effect from the Academic Year 2022-2023

Bachelor of Business Administration
B.B.A (ISM) Semester-III

Course Code	UM03CBBS72	Title of the Course	**System Analysis And Design - I**
Total Credits of the Course	03	Hours per Week	03 Hours

Course Objectives:	Students come to know about: ➢ The student will be able to analyze business problems and develop a requirements° document, written in clear and concise business language. ➢ The student will be able to present this document to a business audience.

Course Content		
Unit	Description	Weight age* (%)

1.	**SYSTEM CONCEPTS**
	 • Introduction to system
	  Characteristics of System
	 • The Elements of System
	   -Major System Concepts
	   -Types of System: open/close system etc.
	 • Introduction to System Analysis
	  -Systems Analyst
	  -Systems Approach and Systems Analysis.
		25 %

2.	**System Development Life Cycle** • Introduction to Various Methodologies of Systems Development • Steps of SDLC: Analysis, Design, Detailed Design, Coding, Testing etc.	25 %
3.	**Structured System Analysis & Design Method** • Need of SSADM and Introduction to SSADM • Step of SSADM	25 %

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	• Advantages of SSADM • System Prototype Method	
4.	**Introduction to SSADM Tools** • Decision Tree • Decision Table • Structured English • Data Dictionary • Structured charting techniques.	25 %
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Teaching-Learning Methodology	➢ White Board ➢ Presentation ➢ Video ➢ Case Study

Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weight age
1.	Internal Written Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Practical, Viva-voce, Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Students gain Knowledge on preparing designing of the project.
2.	Students get how to analyse the project thru System Analysis.
3.	Students get knowledge how to structure and evaluate the hole project thru System Analysis.
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Suggested References:	
Sr. No.	References
1.	System Anylsis,Design And Introduction to Software Engineering-(SADSE)S.PARATHASARATHY BY B.W.KHALKAR,3rd Edition
2.	Analysis & Design of Information Systems 2nd Edition by-James A senn (McGraw-Hill)

On-line resources to be used if available as reference material
On-line Resources
1.http://www.uoitc.edu.iq/images/documents/informatics-institute/Competitive_exam/Systemanalysisanddesign.pdf
2.https://www.zu.edu.jo/UploadFile/Library/E_Books/Files/LibraryFile_12159_26.pdf