

Subject: Software Testing

Subject Code: SAZ6C

COURSE PLAN

Session No	Topics to be covered	Teaching Methodology
UNIT - I		
1	Subject Introduction and Syllabus Discussion	BB
2	Introduction: Testing Importance	BB
3	Purpose- Productivity And Quality In Software	Seminar
4	Library	PPT
5	Testing vs Debugging –	GD
6,7	Model For Testing	BB
8	Bugs – Types Of Bugs	GD
9,10	Testing And Design Style.	BB
11	Revision of UNIT I	GD
Unit Test - I		
UNIT - II		
12,13	Flow Graphs	PPT
14,15	Path Testing –	BB
16	Achievable Paths –	PPT
17,18	Path Instrumentation	GD
19	Application	Seminar
20	Transaction Flow Testing Techniques	PPT
21	Continuation - Transaction Flow Testing Techniques	GD
22	Revision of UNIT II	GD

CIA TEST - I		
UNIT - III		
23	Data Flow Testing Strategies - Introduction	BB
24,25	Testing Strategies	Seminar
26	Domain Testing:	GD
27,28,29	Domains And Paths -	BB
30,31,32	Domains And Interface Testing.	GD
33	Revision of UNIT III	GD
Unit Test - III		
UNIT - IV		
34	Linguistic -	BB
35	Metrics -	Seminar
36	Structural Metric -	PPT
37	Path Products	GD
38,39	Path Expression	BB
40,41	Syntax Testing	PPT
42	Formats	BB
43	Test Cases	Seminar
44	Revision of UNIT IV	GD
CIA TEST - II		
UNIT - V		
45,46,47	Logic Based Testing	PPT
48	Decision Table	Seminar

49,50	Transition Testing –	PPT
51	States.	BB
52,53	State Graph.	Seminar
54,55	State Testing.	GD
56	Revision of UNIT V	BB
REVISION		
57	Revision of UNIT I	BB
58	Revision of UNIT II	BB
59	Revision of UNIT III	BB
60	Revision of UNIT IV	BB
61	Revision of UNIT V	BB
CIA TEST - III		

Name & Signature	Prepared by	Approved by
	Mrs.S.Sivakamasundari	Dr.V.Umadevi
	Dr.C.Meenakshi	
Mrs.K.Maheswari		
Designation	Asst.Professor / BCA	HOD / BCA
Date		