SCHEME OF COURSE WORK

Course Details:

Course Title	**: SOFTWARE TESTING Lab(Skill Based LAB Elective-I)**		
Course Code	**: 15IT11S2**	**L T P C**	**: 0 0 0 1**
Program:	**: B.Tech.**		
Specialization:	**: Information Technology**		
Semester	**: VII**		
Prerequisites	**: SOFTWARE TESTING , SOFTWARE ENGINEERING**		

Course Outcomes (COs):

At the end of the course the student will be able to

1. Analyze and report bugs.
2. Design & test applications.
3. Specify how to use Win Runner.
4. Test different test cases using selenium
5. Operate Regression testing tool

Course Outcome versus **Program Outcomes:**

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO-1	3		2	3					2	3					
CO-2	3							2				2		2	
CO-3				3			2			2					
CO-4	3	2		2	2					3					
CO-5	2			3		2				3	2				

S - Strongly correlated, *M - Moderately* correlated, *Blank - No correlation*

Assessment Methods:	Day-to-Day Analysis (observation, record and viva)

Teaching-Learning and Evaluation

Week	Topic/Content	Course outcomes	Sample questions	Teaching learning Strategy	Assessment Methods
1	Write the function with memory leak.	CO 1	Write the function with memory leak.	Lecture Working Examples Designing Views	Day to day Analysis – 1
2	Take any system (e.g. ATM system) and study its system specifications and report the various bugs.	CO 1,2	Take ATM system and study its system specifications and report the various bugs.	Lecture Designing Views	
3	Write the test cases for any known application (e.g. Banking application)	CO 1,2	Write the test cases for Banking application	Lecture Designing Views	
4	Write the test suit for any known application (e.g. Banking application)	CO 1,2	Write the test suit for ATM application	Lecture Designing Views	
5	Study of any testing tool (e.g. Win runner)	CO 3	Explain in detail about Win runner	Lecture Designing Views	
6	Study of any web testing tool (e.g. Selenium)	CO 4	Explain in detail about Selenium	Lecture Designing Views	Day to day Analysis – 2
7	Study of any bug tracking tool (e.g. Bugzilla, bugbit)	CO 3,4	Explain in detail about Bugzilla	Lecture Designing Views	
8	Study of any test management tool (e.g. Test Director)	CO 3,4	Explain in detail about Test Director	Lecture Designing Views	
9	Study of any open source-testing tool (e.g. Test Link)	CO 4,5	Explain in detail about Test Link	Lecture Designing Views	
10	Study of Regression testing tool(QTP).	CO 5	Explain in detail about QTP	Lecture Designing Views	
END EXAM					