

**SREENIVASA INSTITUTE of TECHNOLOGY and MANAGEMENT STUDIES**

**III MCA - I Semester**

<b>L</b>	<b>P</b>	<b>C</b>
<b>0</b>	<b>3</b>	<b>2</b>

**16MCA316**

**Software Testing Lab**

**Course Objectives:**

- To Explore Automated Functional Testing Tools
- To Explore Automated Performance Testing Tools

**EXERCISES:**

- 1) Write Functional Test Cases for Calculator Application and Perform Functional Testing using Automated Testing Tools like QTP/WinRunner.
- 2) Illustrate Test Case Synchronization in WinRunner
- 3) Practice Data Driver Wizard in WinRunner
- 4) Practice GUI Checkpoints in WinRunner.
- 5) Practice Rapid Test Wizard
- 6) Create Virtual Users and practice Performance Testing on an web application using Automated Performance Testing Tools like LoadRunner etc..

**Course Outcome:**

- Able to do Functional Testing on various Applications
- Able to do performance testing on an web Application

**Dr. S .Jyothi**

Professor, Dept. of Computer Science,  
Sri Padmayathi Mahila University,  
Tirupathi

University BOS Member

**Dr. N. Ch. S. N. Iyengar**

Sr. Professor,  
School of SCSE,  
VIT University,  
Vellore, T.N.

Academic Expert member

**Dr. A. Rama Mohan Reddy**

Professor,  
Dept. of Computer Science & Engineering,  
S.V. University,  
Tirupathi.

Academic Expert member