

Software Testing Program

| Week Number | Module | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Total No. Of days | Total hours @ 4hrs/day |
|-------------|--|--|--|--|---|---|-------------------|------------------------|
| 1 | Manual Testing Concepts | Various SDLC overview, Requirements Analysis, Ambiguity Review | Testing importance/objectives, Types of testing, | Test Case Execution, Defect Life Cycle, <u>Test Strategy, Test Plan.</u> | Test Strategy, Test Plan. | Test Case Design and Practicals | 5 | 20 |
| 2 | First week Evaluation and Database Concepts | Evaluation on Test Plan and Execution | Introduction to Database, RDBMS | Introduction to Database, RDBMS | Introduction to SQL Statements | Introduction to SQL Server | 5 | 20 |
| 3 | Second Week Evaluation and Test Automation | Evaluation on Database Concepts and RDBMS | Test Automation Objectives, When does it help? How does it work? | Basic Techniques, Record & Replay | Basic Techniques, Record & Replay | Framework Scripting approach | 5 | 20 |
| 4 | Third Week Evaluation and VB Scripting | Evaluation on Test Automation | Scripting Introduction and Theory | Scripting Introduction and Theory | Scripting Practicals | Evaluation on Scripting | 5 | 20 |
| 5 | Automation Tools Introduction | Introduction to Automation Mercury QTP | Using Mercury QTP | Using Mercury QTP | Using Mercury QTP | Using Mercury QTP | 5 | 20 |
| 6 | Automation Tools Evaluation and Performance Tool Introduction | Using Mercury QTP | Lab and Evaluation on Mercury QTP | Introduction to Performance Testing Mercury Load Runner | Using Mercury Load Runner | Using Mercury Load Runner | 5 | 20 |
| 7 | Performance Tool Evaluation and Project | Using Mercury Load Runner | Using Mercury Load Runner | Using Mercury Load Runner | Lab and Evaluation on Mercury Load Runner | Lab and Evaluation on Mercury Load Runner | 5 | 20 |
| 8 | Project Work | Project Work | Project Work | Project Work | Project Work | Project Work | 5 | 20 |
| 9 | Presentation and Mock Interview | Presentation | Presentation | Presentation | Mock Interview | Mock Interview and Course wind up | 5 | 20 |

45

180

Synopsis

| Topics | Days | Hours |
|-------------------------|-----------|------------|
| Manual Testing Concepts | 6 | 24 |
| Database Concepts | 5 | 20 |
| Test Automation | 5 | 20 |
| Scripting | 4 | 16 |
| Automation-QTP | 7 | 28 |
| Performance-Load Runner | 8 | 32 |
| Project Work | 5 | 20 |
| Presentation | 3 | 12 |
| Mock Interview | 2 | 8 |
| Total | 45 | 180 |