COURSE CURRICULUM

WEEK 1

- Introduction to Software Systems
- Software Development Life Cycles
- Quality - Definition, Process and Implementation
- Testing Psychology
- Cost of Quality at various stages

Week 2

- Requirement analysis and Review process
- Test Design Techniques
- Test Scenarios and Test Cases
- Black-box and White Box Testing techniques
- Types of Defects
- Defect Classification

Week 3

- Test Strategy
- Test Planning
- Test Process
- Types of Testing
- Need Based Approaches
- Levels of Testing

Week 4

- Defect Life Cycle
- Defect Analysis
- Test Reporting and Tracking
- Test Estimation
- Test Metrics and Measurement
- Test Management

Week 5

- Risk and Issue Management
- Test-ware and Test data Management
- Change Management
- Communication
- Automation Test Frame Work