**Testing**

Testing is a process of executing a program with the aim of finding error. To make our software perform well it should be error free.If testing is done successfully it will remove all the errors from the software.

Testing types:

Regression Testing

Unit Testing

Smoke Testing

Functional Testing

Integration Testing

System Testing

Usability Testing

UAT Testing

Beta Testing

Black Box Testing

White Box Testing

Load Testing

Stress Testing

Security Testing

Performance Testing

**Tools**

**1. Selenium (Web Application Testing)**

**2. Appium (Mobile Testing)**

**3. JMeter (Load Testing)**

**4. Jenkins (Continuous Testing)**

**5. Mantis ,Jira,Buzilla(Bug-Tracking & Project Management)**

**6. Postman (API Testing)**

**7.Penetration testing**

**8. Firebug / Firepath (Online Debugging)**

**9. GitHub (Project & Source Code Hosting)**

**10.AutoIT (Language Automation)**