**CHAPTER-3**

**Generic View of Testing**

This section is basically divided into two parts. In the first part generic testing framework is described which specifies the relationship between the testing phase and development phase of the software development life cycle then it describes about the coupling between objective and approach of various test Activities where objective specifies what is to be done and approach specifies how it is to be done. This framework also described about the various types of testing performed in any application and various stakeholders involved in these testing.

In the second part the generic testing process is described. It shows how various activities of testing is carried out for different types of testing i.e. unit testing, integration testing, system testing, acceptance testing, regression testing. This process also describe about the various stakeholders involve in the testing and interaction between them considering the manual testing as well as the automated testing.

* 1. **Generic Framework of Testing**

**TESTING** **METHOD** like web based, database, information system, data warehouse is encapsulated as a set of **TESTING ACTIVITIES**. Testing activities is a tightly coupled pair **<objective, approach>**. Objective tells about what the testing activities tries to achieve i.e. what can be done with it. Approach tells about the technique that can be used to achieve the objective