

# **SNS COLLEGE OF TECHNOLOGY**

Kurumbapalayam (Po), Coimbatore – 641 035

**An Autonomous Institution**

Accredited by NAAC – UGC with ‘A++’ Grade

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai



## **DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**COURSE NAME: 23ITO201- Software Testing  
(OPEN ELECTIVE )**

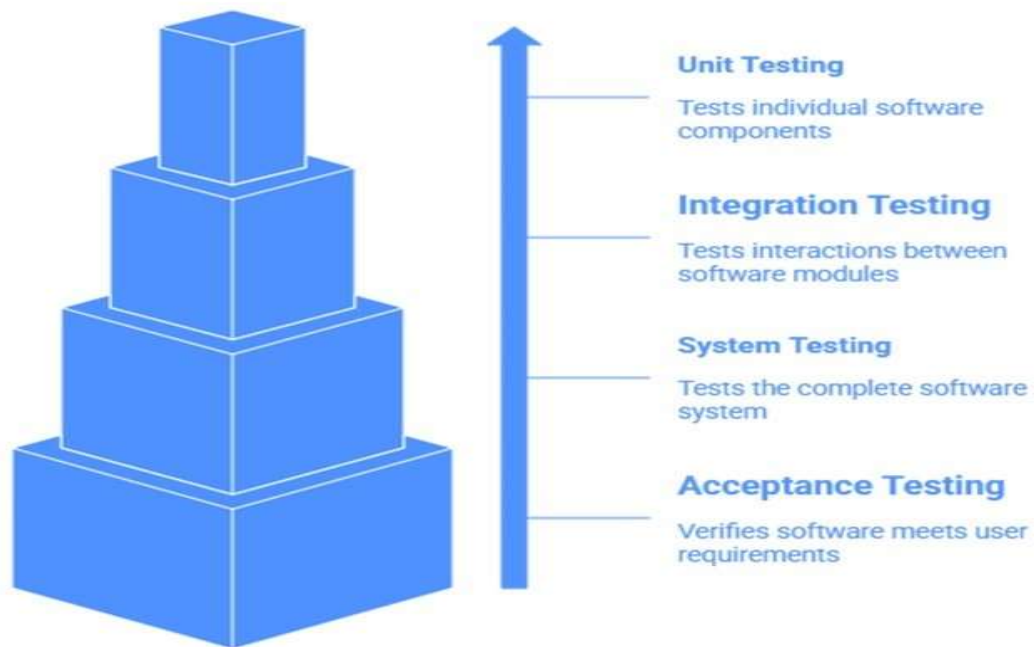
**III YEAR / VI SEMESTER**

**Unit 4 - TEST MANAGEMENT**

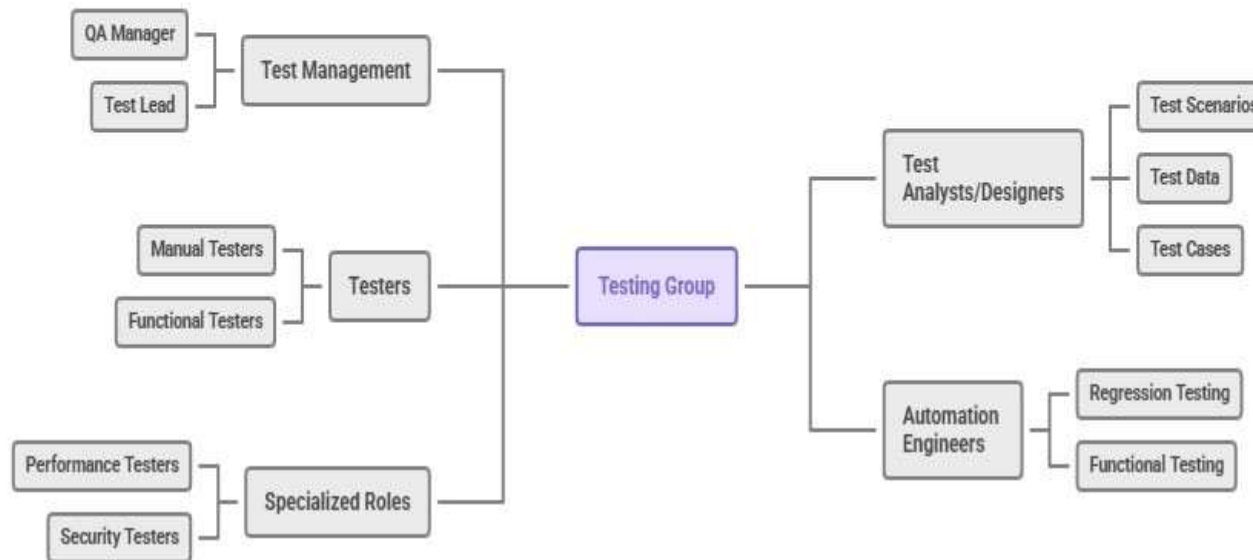
**Topic : The Structure of Testing Group and The Technical Training  
Program**

# Empathy

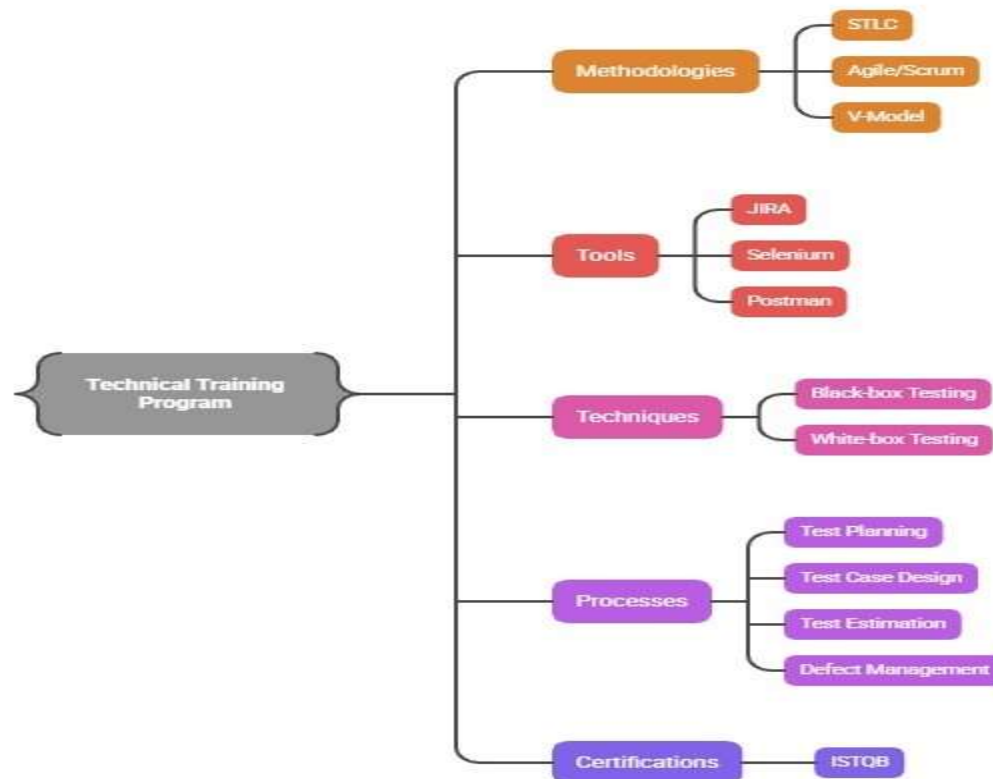
## Software Testing Hierarchy



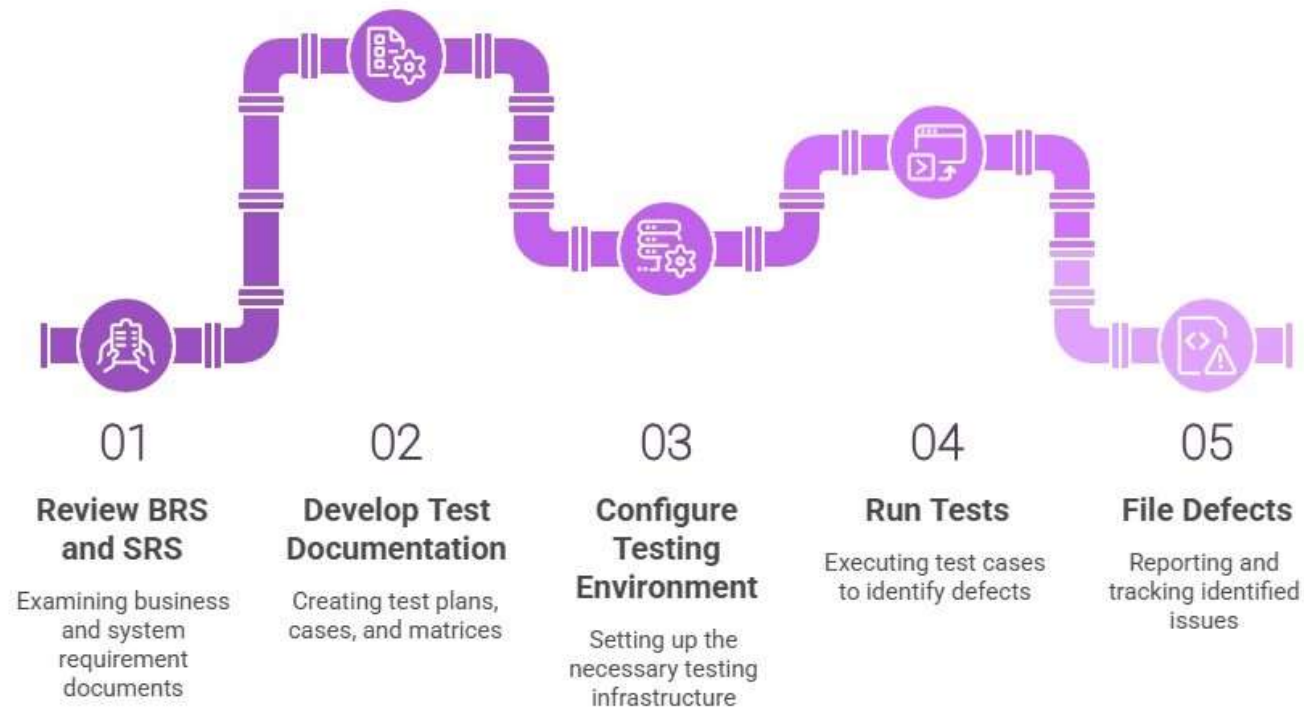
## Core Structure of a Testing Group



## Components of the Technical Training Program



## Software Testing Process



# Activity

## Activity 1: Design a Testing Group Structure

**Objective:** Understand roles in a testing team

**Task:**

Given a project:

“Online Banking System”

**Activity:**

Students must:

•Design a **Testing Team Structure**

•Include roles:

- Test Manager
- Test Lead
- Test Engineers
- Automation Testers
- Performance Testers

**Output:**

Draw a **hierarchy diagram**

**Expected Outcome:**

Clear understanding of team structure

## Structure of Testing Group – MCQs

### 1. What is the main purpose of a testing group structure?

- A) Increase workload
- B) Define roles and responsibilities
- C) Reduce testing
- D) Avoid communication

**Answer:** B) Define roles and responsibilities

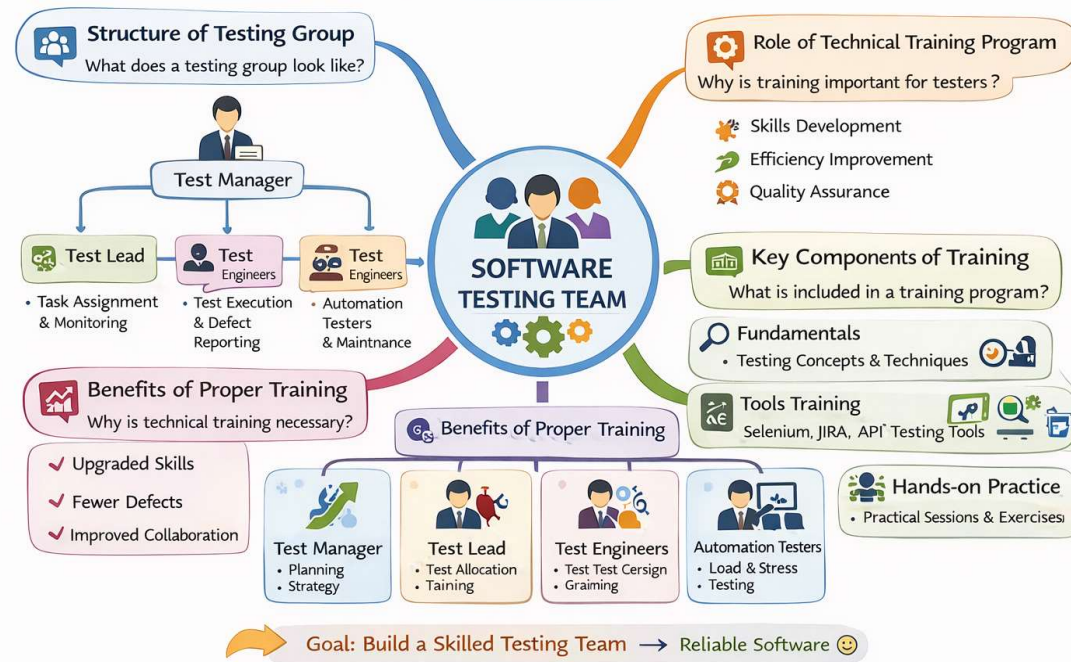
### 2. Who is responsible for overall testing strategy?

- A) Test Engineer
- B) Developer
- C) Test Manager
- D) Customer

**Answer:** C) Test Manager

# MINDMAP

## The Structure of Testing Group & The Technical Training Program



TEXT BOOKS	
1.	Srinivasan Desikan and Gopaldaswamy Ramesh, —Software Testing – Principles and Practices, Pearson Education, 2006.
REFERENCES	
1.	Ilene Burnstein, —Practical Software Testing, Springer International Edition, 2003
2.	Edward Kit, Software Testing in the Real World – Improving the Process, Pearson Education, 1995
3.	Boris Beizer, Software Testing Techniques – 2nd Edition, Van Nostrand Reinhold, New York, 1990.
4.	Aditya P. Mathur, —Foundations of Software Testing _ Fundamental Algorithms and Techniques, Dorling Kindersley (India) Pvt. Ltd., Pearson Education, 2008.

# THANK YOU!

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