

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)**

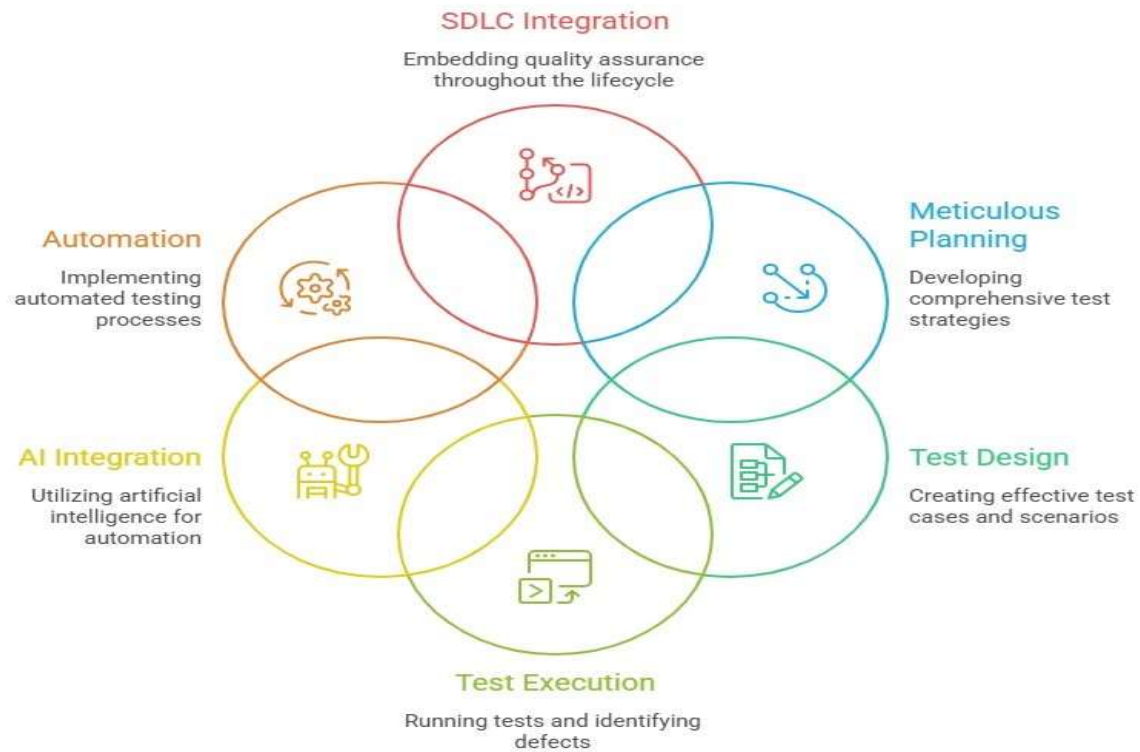
III YEAR / VI SEMESTER

Unit 4 - TEST MANAGEMENT

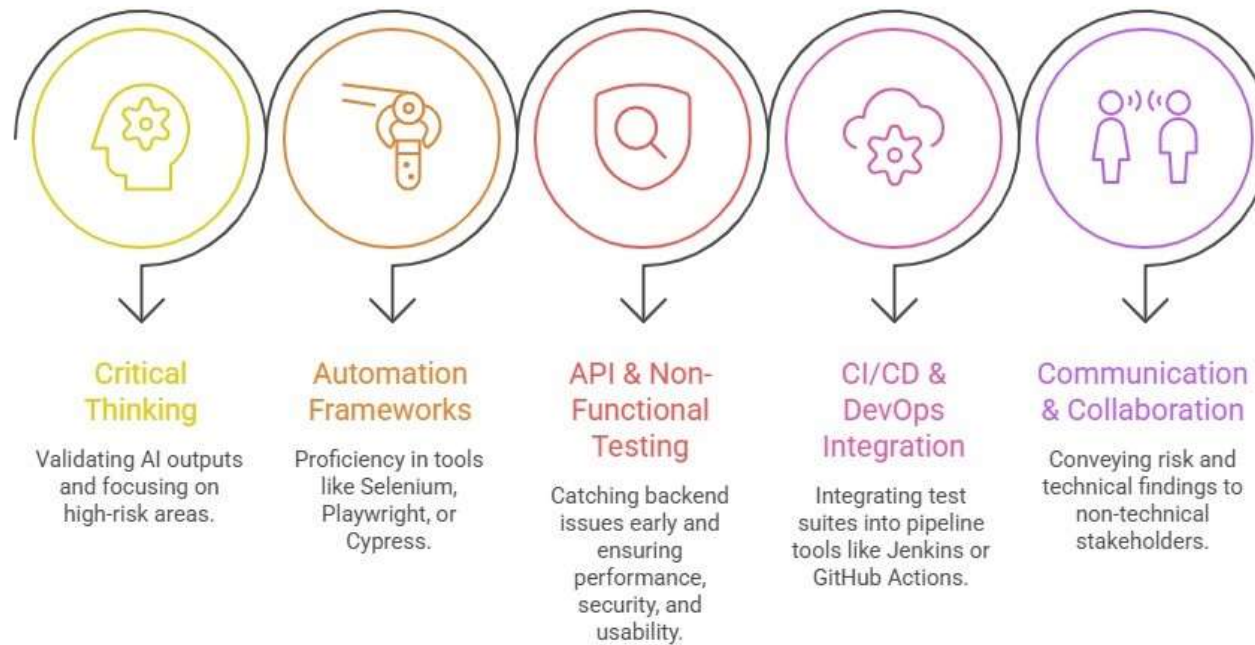
**Topic : Introducing the test specialist and Skills needed by a test
specialist – Building a Testing Group**

Empathy

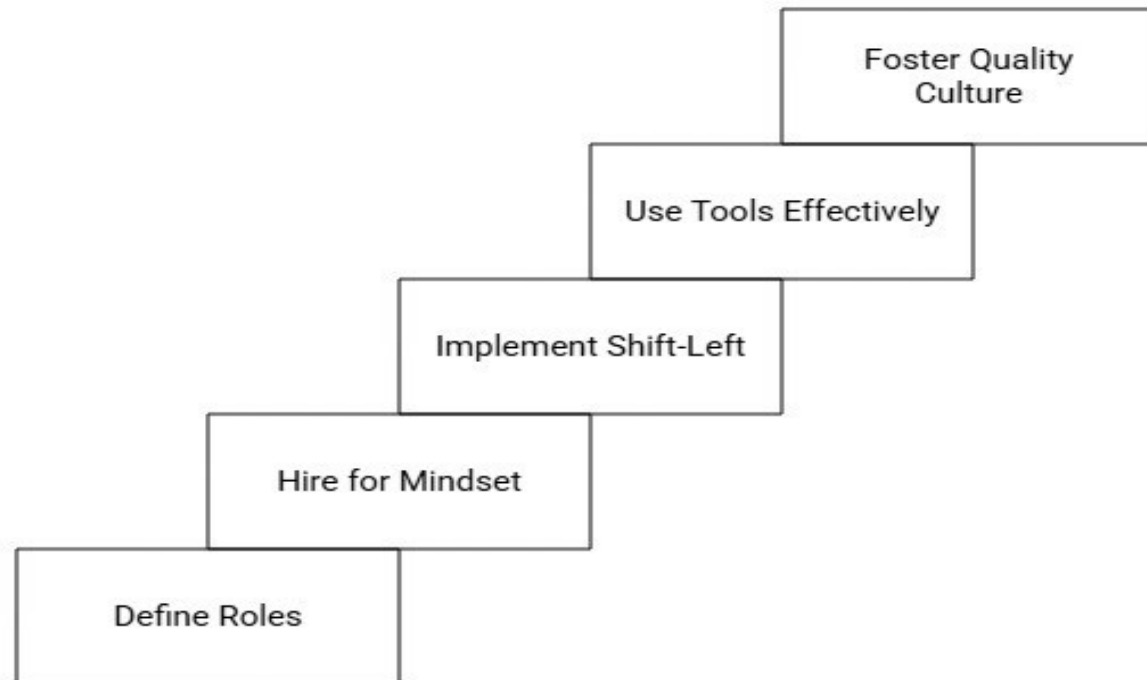
Evolution of a Test Specialist



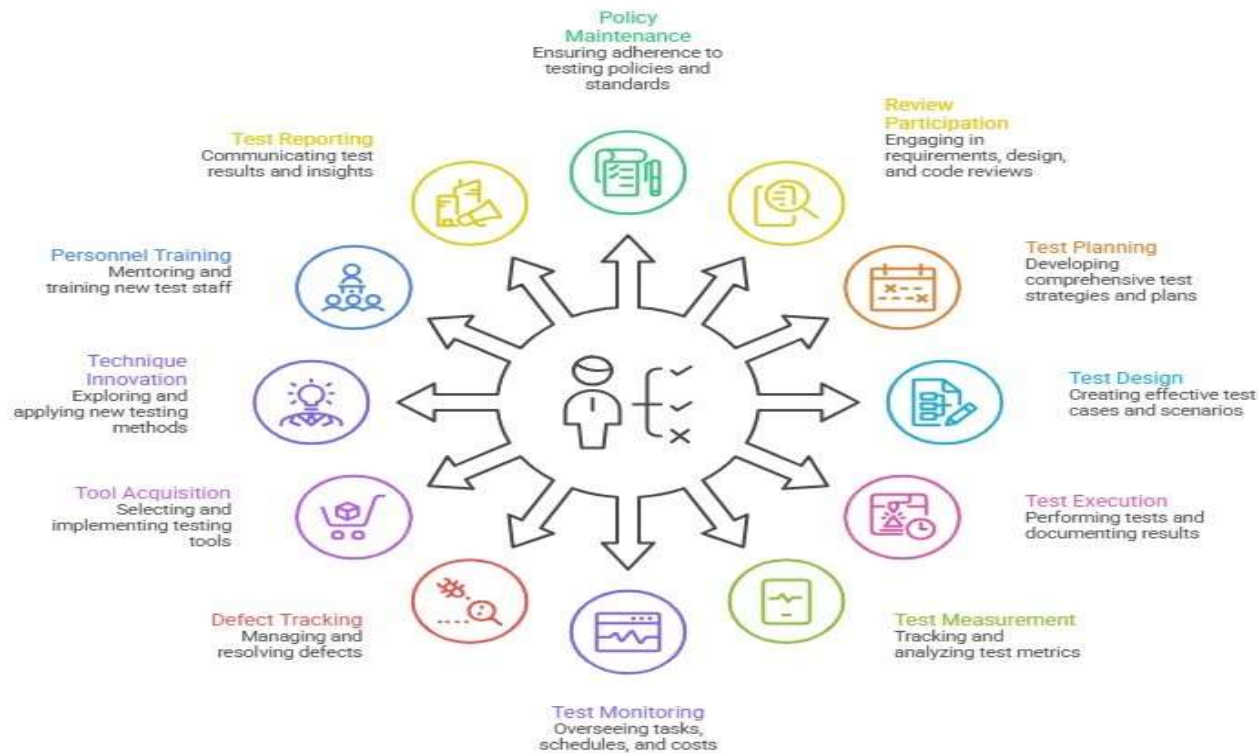
Test Specialist Skills



Building a Robust Testing Group



Test Specialist Responsibilities



Activity

Activity 1: Identify the Role of a Test Specialist

Objective: Understand responsibilities of a test specialist

Task:

Give students a scenario:

“An e-commerce website has issues in login, payment, and order tracking.”

Activity:

Students must:

- List responsibilities of a **Test Specialist**
- Identify testing tasks (test case design, execution, defect reporting)

Expected Outcome:

Clear understanding of tester roles in real projects

Test Specialist – MCQs

1. Who is a Test Specialist?

- A) Developer
- B) Person responsible for designing and executing tests
- C) Project manager
- D) Customer

Answer: B) Person responsible for designing and executing tests

2. What is the main role of a Test Specialist?

- A) Writing production code
- B) Managing finance
- C) Ensuring software quality
- D) Designing hardware

Answer: C) Ensuring software quality

MINDMAP



Introducing the Test Specialist and Skills Needed by a Test Specialist – Building a Testing Group



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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