

Manual Testing

Syllabus

Newly Updated 2026-27



3000+
Placed Students



650+
Job Recruiters



50+
Expert Trainers



470+
Projects Works



100%
Placement Support

COURSES



CJC
EdTech by Kunal Sir



www.completejavaclasses.com

88880 22204

Behind Every Great Institute is a Great Founder



Mr. Kunal Sir

Director of CJC EdTech by Kunal Sir.

Mr. Kunal Sonu, Director of **CJC EdTech** holds a Master's degree in Computer Applications & has over **15+ years** of experience in Java/J2EE technologies. After resigning from Syntel, he pursued a career in teaching to provide in-depth knowledge and guidance to aspiring professionals. **Mr. Sonu** has delivered lectures at renowned institutions such as **Sinhgad Institutes, JSPM Group, & MMCOE, Pune**. With a passion for education, he is dedicated to helping **students achieve success in their careers**.



3000+
Placed Students



15+
Course Options



650+
Job Recruiters



50+
Expert Trainers

MANUAL TESTING

1. Introduction to Testing

- What is testing?
- Why testing is essential?

2. Quality

- What is quality of software?
- Quality attributes
- Software Development Life Cycle (SDLC)
- Software Testing Life Cycle (STLC)
- QA and QC activities
- Verification and Validation
- Verification Technique
- Informal review
- Walkthrough
- Technical review
- Inspection



3. SDLC Life Cycle Models

- Waterfall Model
- Verification and Validation Model(V Model)
- Incremental Model
- Iterative Model
- Agile Model
- Spiral Model
- Rapid Application Development Model (RAD)

4. Agile Methodology

- Understanding Agile
- Scrum Methodology
- Scrum Roles,Events,Scrum Terms and Artifacts
- Estimating in Agile



5. Test Process

- Generic Test Process

6. Test Management

- Project Delivery
- Test policy
- Test Strategy
- Test Plan
- Test Completion Report

7. Risk

- What is risk?
- Risk Identification Risk Probability Risk Impact
- Risk examples
- Risk mitigation Risk contingency



8. Defect

- What is defect?
- Defect synonymous
- Defect life cycle
- Defect severity
- Defect priority
- Defect age
- Defect tracking and correction Defect techniques
- Defect tracking
- Defect reporting
- Sample format of defect report

9. Black box testing techniques

- Equivalence partitioning or Equivalence classing
- Boundary value analysis
- Use case based testing
- State transition testing
- Cause effect graphing
- Error guessing



FULL SYSTEM AND UI TESTS



COMPONENT AND UNIT TESTS

10. White box testing techniques

- Basis path
- Control structure testing

11. Type of Testing

- Functional Testing
- Non-Functional Testing
- Regression testing
- Retesting



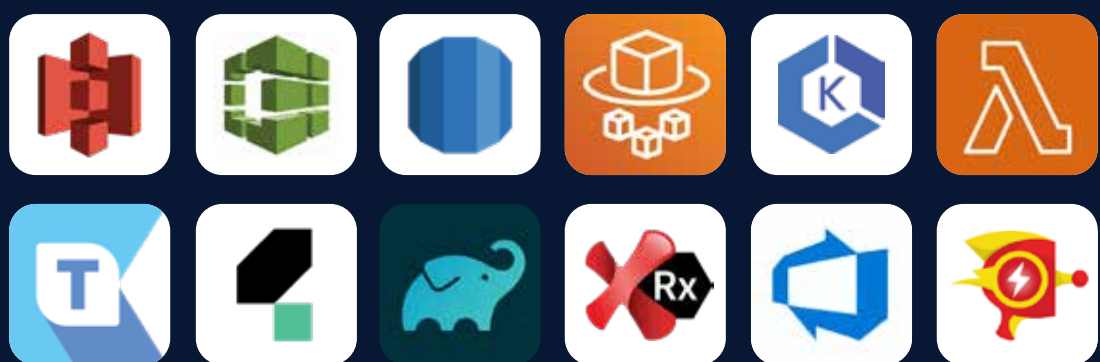
12. Levels of Testing

- Unit level testing Integration testing
- System testing
- System integration testing

13. Defect Tracking Tools



From Hello World to Full Applications, My Coding Growth



Why **Coding Feels Impossible?**
Kunal Sir Has the **Answer!**



Partnering for Your Growth



📍 PUNE: KARVE NAGAR | AKURDI

1st Floor, Above Rupam Sweets, Near Karvenagar Bus Stop,
Karve Nagar, Pune, 411052.

3rd Floor, Above Bhavani Sweet Building, Grudwara Chowk,
Near Railway Station, **Akurdi, Pune, 411035.**



88880 22204