



CeeZone

“ Infusing programmers with clean coding and simple design

TEST DRIVEN DEVELOPMENT

Adopting and adapting modern technical practices

This course will cover the what, whys and hows of TDD. While TDD is a cornerstone of eXtreme Programming, this is an important course for members of Scrum teams and indeed, anyone who wants to be a significantly better developer. This course focuses on principles of TDD, complemented by practical tips on how to do this efficiently and more importantly effectively. This course also introduces basic refactoring with plenty of hands-on exercises for assimilation of principles taught. Participants are free to use their favourite tool/language to develop software.

OBJECTIVE

Programmers shall adopt a test-first and simple design mind-set. This enables them to deliver high quality systems faster and be a valued contributor to a development team.

FACULTY



Srinivas Chillara

**Country's first independent
Scrum Coach**

Srinivas has over 20 years of experience in various roles, domains, platforms and countries, throughout which he has kept a keen interest in software development. He has trained and consulted to many companies in India and abroad: Akamai, DST, IGT, Nokia, PTC, Teradata, Yahoo and Zensar amongst many others. He is Asia's first instructor for the Certified Scrum Developer course (TDD being a central module) and has conducted trainings in USA, Europe and Thailand.

He was exposed to XP in 2000 and to Scrum in 2003. He is a graduate of IIT Kharagpur and a Masters from Reading University, UK.



DAY 1

1. Introduction, context of TDD
2. Hands-on problem
3. How to do Unit testing well
4. Simple example-code
5. Instructor's demo
6. TDD hands-on (lab, Revisit of problem)
7. TDD at Acceptance level

DAY 2

1. Longer TDD problem, simulated sprint, Part1
2. TDD Extended (includes refactoring intro)
3. Longer TDD problem, review and course-correction
4. TDD tips and tricks, when to refactor
5. Longer TDD problem, simulated sprint, Part2
6. De-brief and Wrap-up

INFRASTRUCTURE WE NEED

- Open room
- PC/Projector
- Flip-charts
- One machine per pair of developers (Flexible with s/w tech stack)

2 Days | 7 Hrs Daily | 16-24 Attendees | Developers, Programmers, Architects, Tech-leads | Rs 2,40,000/- *Tax