SNS COLLEGE OF TECHNOLOGY

Coimbatore-35.
An Autonomous Institution

COURSE NAME : 19CST201   AGILE SOFTWARE ENGINEERING

II YEAR/ III SEMESTER

UNIT – I INTRODUCTION TO SOFTWARE ENGINEERING

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The Nature of Software -Software Engineering - Software engineering Practice – Process Models: Generic – Prescriptive – Specialized - United Process - Personal and Team Process Models - Process Technology-Understanding Requirements-Design concepts & model-Software quality concepts & Review metrics.

PERSONAL SOFTWARE PROCESS (PSP)

The aim of PSP is to give software engineers with the regulated methods for the betterment of personal software development processes.

The PSP helps software engineers to:
- Improve their approximating and planning skills.
- Make promises that can be fulfilled.
- Manage the standards of their projects.
- Reduce the number of faults and imperfections in their work.

PERSONAL SOFTWARE PROCESS (PSP)

PSP Framework Activities :
- Planning
- High Level Design
- High Level Design Review
- Development
- Postpartum

TEAM SOFTWARE PROCESS
(TSP)

The Team Software Process (TSP), along with the Personal Software Process, helps the high- performance engineer to

- **ensure quality software products**
- **create secure software products**
- **improve process management in an organization**

TEAM SOFTWARE PROCESS (TSP)

TSP Framework Activities :
- Launch High Level Design
- Implementation
- Integration
- Test
- Postpartum