



SNS COLLEGE OF TECHNOLOGY

Coimbatore-35

An Autonomous Institution

Accredited by NBA – AICTE and Accredited by NAAC – UGC with 'A+' Grade

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



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SOFTWARE ENGINEERING

(Agile UX/UI)

UNIT 1 – Introduction to Software Engineering

TOPIC 6 – The unified process

Personal and team process models



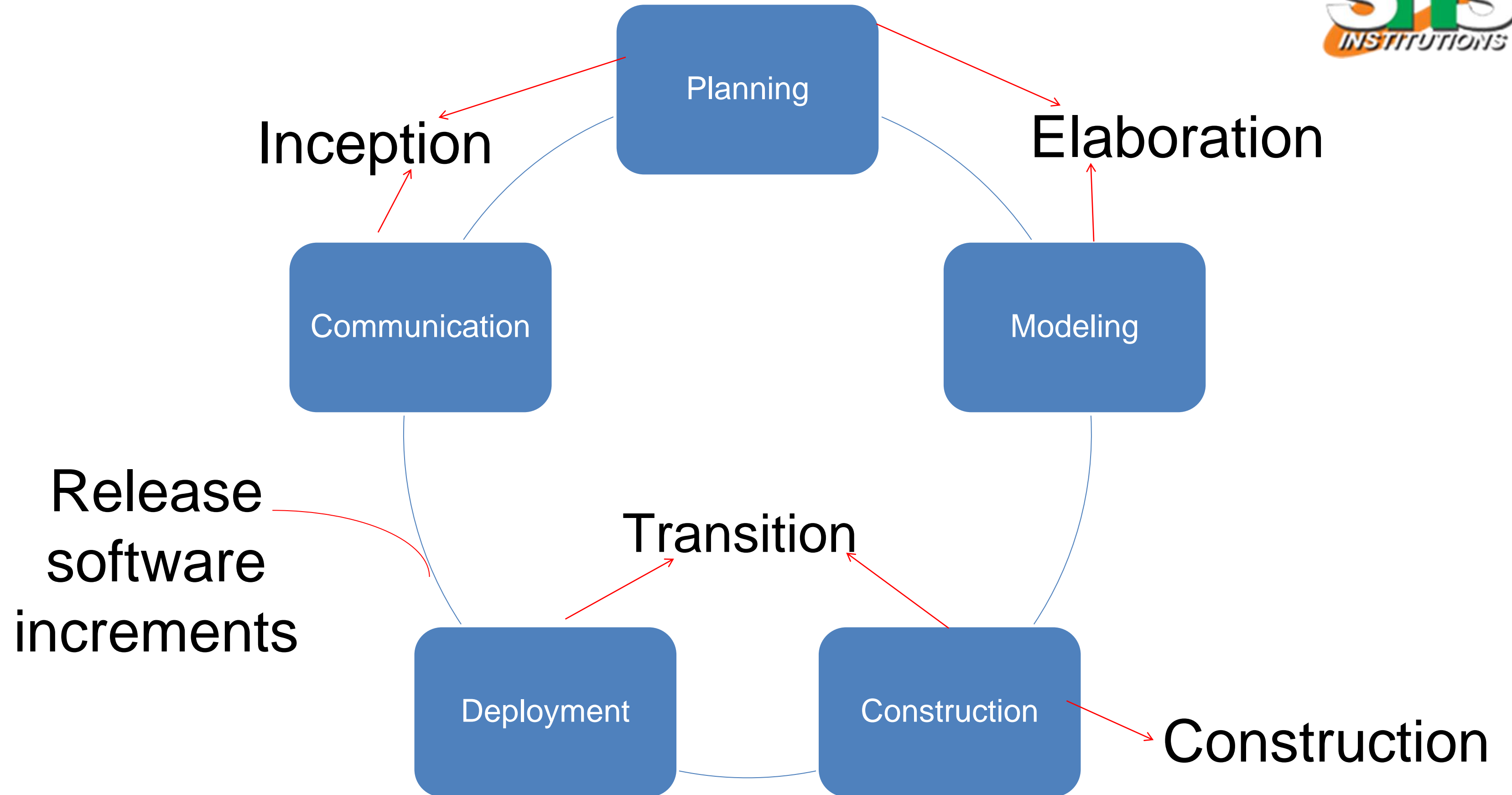
Software Process Model



- It's a development strategy designed to solve an actual problem in an industry settings
 - Generic process framework
 - Specialized process models
 - **The unified process**
 - **Personal and team process models**



Unified Process Model





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**