

Software Project Management

Unit-I :-

Conventional sw Management: 1) The waterfall model

2) Conventional sw management performance.

(3) Evolution of sw Economics: i) sw economics,

ii) Pragmatic sw cost estimation.

Unit-II :-

① Improving sw Economics: i) Reducing sw product size

ii) Improving sw processes

iii) Improving team effectiveness

iv) Improving Automation

v) Achieving required quality

vi) Peer inspections.

② The old way & the new way:

(i) The principles of conventional sw engineering.

(ii) The principles of modern sw management.

③ Transitioning to an iterative process.

Unit-3:-

① Life Cycle phases:- i) Engineering & production stages
ii) Inception
iii) Elaboration
iv) Construction
v) Transition phases

② Artifacts of the process:- (i) The artifact sets.

(ii) Management artifacts

(iii) Engineering artifacts

(iv) Programmatic artifacts

v) Model based & w architectures:-

(a) ~~management~~ perspective & technical perspective

Unit-4:-

① 7 core metrics
② minor / major milestones } any ① Partha...

③ Work Flows of the process:- i) S/w process workflows

ii) Inter Trans workflows

iii) Checkpoints of the process: a) Major milestones

b) Minor milestones

c) Periodic status assessments

iv) Iterative process planning: