



STANLEY

COLLEGE OF ENGINEERING & TECHNOLOGY FOR WOMEN

(Approved by AICTE , New Delhi | Affiliated to Osmania University ,Hyderabad)
Address : Chapel Road, Abids ,Hyderabad

SE-574

SOFTWARE PROJECT MANAGEMENT

UNIT-I

Conventional Software Management, Evolution of Software Economics, Improving Software Economics, Old Way & New.

UNIT-II

Life – Cycle phases, Artifacts of the process, Model Based Software Architectures, Workflows of the Process, Checkpoints of the process.

UNIT-III

Iterative Process Planning, Project Organizations & Responsibilities, Process Automation, Project Control of Process Instrumentation, Tailoring the Process.

UNIT-IV

Modern Project profiles, Next Generation Software Economics, Modern process Transitions, Managing Contacts, Managing People & Organizing Terms.

UNIT-V

Process improvement & mapping to the CMM, ISO 12207 – an overview, programme management.

Suggested Reading:

1. Walker Royce, “*Software Project Management – A Unified frame work*”, Pearson Education, Addison, 1998, .
2. Bob Hughes, Mike Cotterell “*Software Project Management*” , Tata Mc Graw Hill 3rd Edition, 2010.
3. Watt.S. Humphery, " *Managing Software Process* ", Addison - Wesley, 2008.
4. Kieron Conway, “ *Software Project Management : from concept to deployment*” Dreamtech press, 2007.
5. Richard h. Thayer “ *Software Engineering Project Management, IEEE Computer Society*”, Wiley India Edition, 1997.