Software Estimation: Size, Effort and Cost

Objectives

- Importance of software metrics
- Building of baseline metrics
- Attributes of software metrics
- Software metrics and its application for analysis, planning and control
- Components of software metrics: process, project, quality
- Measures of software
- Metrics, a tool for estimation
- Function Point Analysis
- COCOMO Model
- Estimation of development effort and cost
- Impact of schedule and resource constraints on estimate
- Impact of risk on estimate
- Software cost estimation
- Importance of estimate validation