

Project Planning & Control

Lesson 2

Objectives of a Project, Scientific Way of Managing of Objectives

Koshy Varghese, Ph.D.

Professor

Building Technology & Construction Management

Department of Civil Engineering

I.I.T. Madras



Course Context Setting

- What is Project Management ?
- Is Management an Art or Science ?
- **What are the objectives of a project ?**

Project Objectives

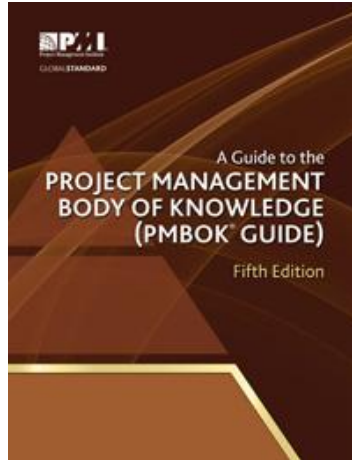
- Cost
- Time
- Quality
- Health & Safety
- Environment – Sustainability
- Others.....?



Course Context Setting

- What is Project Management ?
- Is Management an Art or Science ?
- What are the objectives of a project ?
- **How do we “scientifically” manage the objectives ?**

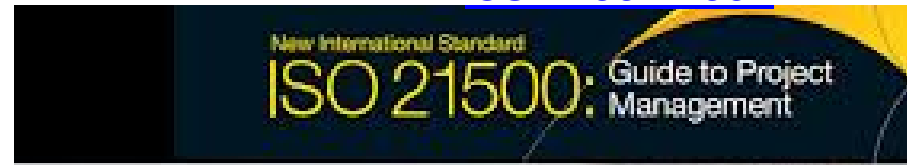
Standards for Scientific Management



ISO 9001:2008



ISO 14001:2004



BIS 15883

OHSAS 18001:2007



- Integration
- Scope
- Time
- Cost
- Quality

- Human Resource
- Communications
- Risk
- Procurement
- Stakeholder

- Health Safety & Env.
- Other Mgmt Issues

PROCESS STANDARD

Management Approach

