# **Project Planning & Control**

### Introduction, Course Context, Construction Project Management

Week 1

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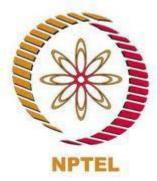
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## **Project Planning & Control**

# Lesson 1 What is Project Management?, Is Project Management an Art/ Science?

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### **Course Context Setting**

What is Project Management ?

### Management & Project Management

#### Management ?

"To manage is to forecast and to plan, to organize, to command, to coordinate and to control." Henri Fayol- Industrial and General Administration.

#### Project ?

It's a temporary group activity designed to produce a unique product, service or result. Project Management Institute - PMI

"Project management is the discipline of planning, organizing, securing and managing resources to bring about the successful completion" en.wikipedia.org/wiki/Project management

"Project management, is the application of knowledge, skills and techniques to execute projects effectively and efficiently" Project Management Institute - PMI

## Process & Project Management

• Process - **repetitive** 



• Projects- unique





### **Course Context Setting**

• What is Project Management ?

Is Management an Art or Science ?

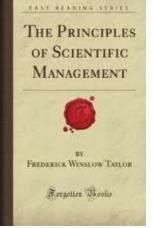
# Art vs. Science

•Person Dependent (Political Acumen, Business Acumen, People Acumen, Leadership) SCIENCE (Technique, Methodologies, Processes, Tools)

- System Dependent
- Repeatable Results
- Quantification

Ref: Harold Schroeder Assessing the Art and Science of Project Management: PM World Today – November 2009 (Vol XI, Issue XI)

Management - relatively new science





**Compared with** 

Engineering Medicine Physics/Chemistry Architecture (?)







