



Institute of Engineering JIWAJI UNIVERSITY

Presentation On PROJECT MANAGEMENT UNIT-II BE 8sem (EL-8103) Electronics

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CONTENT

◉ DEFINITION

◉ PROJECT CONSTRAINT

- Cost
- Scope
- Time

CONTENT

➤ **Resources**

➤ **Risk**

➤ **Quality**

DEFINITION

- Project management is the application of
 - Knowledge,
 - Skills, tools,
 - And techniques

DEFINITION

- ⦿ Applied to project activities in order
- ⦿ To meet the project requirements.

DEFINITION

- ◉ Project management is a process that includes
 - Planning, putting the project plan into action,
 - and measuring progress and performance.

PROJECT CONSTRAINT

□ COST

- The budget approved for the project
- ⦿ Including all necessary expenses
- ⦿ Needed to deliver the project.

PROJECT CONSTRAINT

- ◉ Within organizations, project managers
- ◉ Balance between not running out of money
- ◉ And not under spending because

PROJECT CONSTRAINT

- ◉ Many projects receive funds or grants have contract clauses
 - with a “use it or lose it”
 - Approach to project funds.

PROJECT CONSTRAINT

- ⦿ Poorly executed budget plans can result
- ⦿ Last-minute rush to spend the allocated funds.
- ⦿ For virtually all projects,

PROJECT CONSTRAINT

- Cost is ultimately a limiting constraint;
- Few projects can go over budget without
- Eventually requiring a corrective action.

PROJECT CONSTRAINT

□ SCOPE

- The project is trying to achieve
- It entails all the work involved in
- Delivering the project outcomes

PROJECT CONSTRAINT

- ◉ The project outcomes and the
- ◉ Processes used to produce them.
- ◉ It is the reason and the purpose of the project.

PROJECT CONSTRAINT

⦿ TIME

- ⦿ It is defined as the time to complete the project.
- ⦿ Time is often the most frequent project
- ⦿ Oversight in developing projects.

PROJECT CONSTRAINT

- ⦿ This is reflected in missed deadlines
- ⦿ And incomplete deliverables.
- ⦿ Proper control of the schedule requires

PROJECT CONSTRAINT

- The careful identification of tasks to be performed
- And accurate estimations of their durations,
- The sequence in which they are going to be done,

PROJECT CONSTRAINT

- And how people and other resources are to be allocated.
- ⦿ Any schedule should take into account vacations and holidays.

PROJECT CONSTRAINT

○ RESOURCES

- Required to carry out the project tasks.
- They can be people, equipment, facilities, funding,

PROJECT CONSTRAINT

- ◉ Or anything else capable of definition (usually other than labor)
- ◉ Required for the completion of a project activity.

PROJECT CONSTRAINT

◉ RISK

- ◉ It is defined by potential external events
- ◉ That will have a negative impact
- ◉ On your project if they occur.

PROJECT CONSTRAINT

⦿ RISK

- ⦿ Refers to the combination of the probability
- ⦿ The event will occur and the impact
- ⦿ On the project if the event occurs.

PROJECT CONSTRAINT

- ◉ If the combination of the probability of the occurrence
- ◉ And the impact on the project is too high,
- ◉ Identify the potential event as a risk

PROJECT CONSTRAINT

- ◉ And put a proactive plan in place to manage the risk.

PROJECT CONSTRAINT

◎ QUALITY

- ◎ It is a combination of the standards and criteria
- ◎ To which the project's products must be delivered
- ◎ For them to perform effectively.

PROJECT CONSTRAINT

- ◉ The product must perform to provide the functionality expected,
- ◉ Solve the identified problem, and
- ◉ Deliver the benefit and value expected

PROJECT CONSTRAINT

- It must also meet other performance requirements,
- Or service levels, such as availability, reliability, and maintainability,
- And have acceptable finish and polish.

PROJECT CONSTRAINT

- ◉ Quality on a project is controlled through quality assurance (QA),
 - Which is the process of evaluating overall project

PROJECT CONSTRAINT

- ⦿ Performance on a regular basis to provide confidence
- ⦿ That the project will satisfy
- ⦿ The relevant quality standards.

THANK YOU