

Summer Training Report

By

Mukesh Kumar

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Course Title

**Fundamentals of Project Planning and
Management**

LIHMR UNIVERSITY

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Fundamentals of project planning and managements-

Course Description-

This is an introductory course on the key concepts of planning and executing projects. We will identify factors that lead to project success, and learn how to plan, analyze, and manage projects. Learners will be exposed to state-of-the-art methodologies and to considering the challenges of various types of projects.

The key concepts of planning principles and execution methodologies can offer ways in which projects can be run more effectively and efficiently.

Project management provides organizations or individuals with the language and the frameworks for scoping projects, sequencing activities, utilizing resources, and minimizing risks.

Objective of the course-

To identify the factors that leads to project success and learn how to plan, initiate and execute the project.

To learn what kind of analysis use for making framework for scoping projects, how to deal with risk, how to avoid uncertainty, make proper combination between scope time and budget, and how to proper utilize all resources.

Learn how to manage all activities to calculate the critical path, and deal with overbudget and stakeholders.

To gain skills like- risk analysis, project planning and project management.

Course contents-

1. What is a project?
2. How do we define a project?
3. Considering the organization and stakeholders
4. Project success and failure
5. Project life cycle?
6. Detailed scoping
7. Identifying dependencies?
8. Determine the completion date and critical path
9. How do we schedule?
10. Reflecting on common mistakes
11. Identifying and addressing project risks
12. Cost risk analysis
13. Planning for ambiguity
14. Earned value
15. Agile, scrum, and Kanban

Learning methodology-

1. Lectures
2. Videos
3. Cases
4. Assignments
5. Reading material
6. Practises papers
7. Discussion panel
8. Power point slides

Key learning-

- How to initiate, define and organize a project
- How to develop a project plan, including scoping, sequencing tasks, and determining a critical path.
- How to manage stakeholders.
- How to assess, prioritize and manage project risk.
- How to create combination between time, budget and scope of project.
- How to create work breakdown structure.
- How to measure dependencies.
- How to create network diagram.
- How to calculate critical path.
- How do risk assessment.
- How to execute projects and use the earned value approach for monitoring and controlling progress
- How to measures project success.