

Empower Excel Elevate

10 Weeks Program in
**CONSTRUCTION
PLANNING**

Integrated with Top experts from MNCs



ABOUT COMPANY

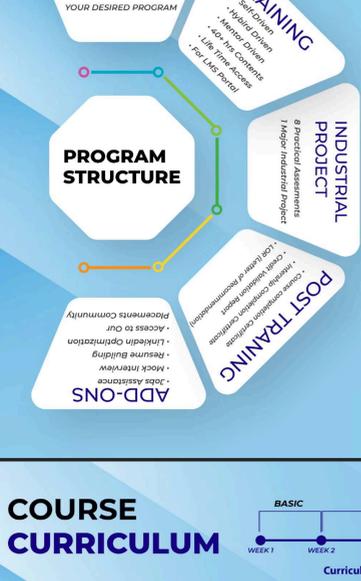
An Idea of learning and upskilling every single day for the hope of a better tomorrow.

LearnFlu is nothing but an Idea. An Idea of learning and upskilling every single day for the hope of a better tomorrow. LearnFlu is also a disease, which every being alive wishes to have. A disease of learning something new and interesting for the growth they desire

SUCCESS



WE OFFER

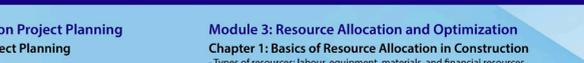


PROGRAM HIGHLIGHTS

WHY THIS PROGRAM IS YOUR BEST CHOICE

- 01 LIVE INTERACTIVE SESSIONS WITH INDUSTRY EXPERTS
- 02 MENTOR-DRIVEN SPRINT-BASED REAL-WORLD TEAM PROJECTS
- 03 LIVE MENTORSHIP
- 04 PERSONALISED MENTORSHIP AND CAREER GUIDANCE
- 05 CAREER ASSISTANCE
- 06 DOUBLE CERTIFICATION & CREDIT REPORT
- 07 PLACEMENT ASSISTANCE

COURSE CURRICULUM



Construction Planning Curriculum covers all essential areas such as project scheduling, resource allocation, risk management, Primavera software, WBS, OBS, and quality control. It combines theoretical knowledge with practical case studies and projects, ensuring participants are well-equipped to manage construction projects effectively.

Module 1: Introduction to Construction Project Planning
Chapter 1: Overview of Construction Project Planning
 - Importance of planning in construction projects
 - Phases of construction project planning
 - Roles and responsibilities in project management
Chapter 2: Construction Project Life Cycle
 - Key stages of construction project life cycle: initiation, planning, execution, and closure
 - Overview of project stakeholders and their involvement
 - Integration of design, procurement, and construction phases
Chapter 3: Project Objectives and Scope Definition
 - Setting project objectives, goals, and scope
 - Defining key performance indicators (KPIs)
 - Scope management techniques and tools

Module 3: Resource Allocation and Optimization
Chapter 1: Basics of Resource Allocation in Construction
 - Types of resources: Labour, equipment, materials, and financial resources
 - Importance of efficient resource allocation for project success
 - Resource allocation challenges in construction projects
Chapter 2: Resource Levelling and Smoothing
 - Understanding resource levelling techniques
 - Resource smoothing: aligning resources with project schedule
 - Tools for tracking and managing resource usage
Chapter 3: Appropriateness of Resource Allocation
 - Evaluating the appropriateness of resource allocation
 - Balancing resource demands with project requirements
 - Identifying and mitigating over-allocation of resources

Module 2: Project Scheduling and Techniques
Chapter 1: Fundamentals of Project Scheduling
 - Basics of construction project scheduling
 - Importance of timelines and deadlines in construction projects
 - Overview of different scheduling methods (Gantt chart, milestone charts)
Chapter 2: Critical Path Method (CPM)
 - Introduction to CPM for construction scheduling
 - Calculating the critical path and float/slack
 - Using CPM for project timeline optimization
Chapter 3: PERT (Program Evaluation and Review Technique)
 - Overview of PERT in construction projects
 - Estimating project duration using PERT analysis
 - Advantages and limitations of PERT in construction planning

Module 4: Work Breakdown Structure (WBS) and OBS (Organisational Breakdown Structure)
Chapter 1: Introduction to WBS
 - Importance of Work Breakdown Structure in construction projects
 - Components of WBS: deliverables, tasks, and subtasks
 - WBS as a tool for project planning, execution, and monitoring
Chapter 2: Creating a WBS for Construction Projects
 - Steps in developing a WBS for construction projects
 - Practical examples of WBS in different types of construction (residential, commercial, industrial)
 - Using WBS to define scope and allocate resources
Chapter 3: Organisational Breakdown Structure (OBS)
 - Defining and understanding OBS in construction project management
 - Linking OBS with WBS for resource management
 - Examples of OBS for large-scale construction projects

Module 5: Project Scheduling with Primavera
Chapter 1: Introduction to Primavera P6
 - Overview of Primavera P6 software for project scheduling
 - Key features of Primavera P6 in construction planning
 - Setting up project schedules in Primavera
Chapter 2: Creating and Managing Project Schedules in Primavera
 - Step-by-step guide to creating a construction schedule in Primavera
 - Assigning resources, deadlines, and milestones
 - Tracking project progress with Primavera
Chapter 3: Advanced Primavera Techniques
 - Using Primavera for multi-project scheduling
 - Resource levelling and allocation with Primavera
 - Advanced reporting and schedule analysis in Primavera

Module 7: Quality Control and Assurance in Construction
Chapter 1: Introduction to Quality Management in Construction
 - Defining quality control (QC) and quality assurance (QA) in construction
 - Key differences between QC and QA
 - Importance of quality in construction projects
Chapter 2: Quality Control Techniques and Tools
 - QC methods in construction (inspections, testing, and sampling)
 - Tools for quality control in construction projects (checklists, flowcharts)
 - Managing non-conformances and defects
Chapter 3: Quality Assurance and Continuous Improvement
 - Implementing quality assurance systems in construction projects
 - ISO standards for construction quality management
 - Continuous improvement strategies for project success

Module 6: Risk Management in Construction Projects
Chapter 1: Identifying Risks in Construction Projects
 - Types of risks in construction (financial, operational, safety, environmental)
 - Tools and techniques for risk identification
 - Developing a risk register for construction projects
Chapter 2: Risk Analysis and Assessment
 - Qualitative and quantitative risk analysis techniques
 - Risk prioritisation: likelihood and impact assessment
 - Developing risk response strategies (avoidance, mitigation, transfer)
Chapter 3: Risk Thresholds and Tolerance in Construction Projects
 - Understanding risk thresholds in construction planning
 - Establishing risk tolerance levels for stakeholders
 - Monitoring and controlling risks throughout the project lifecycle

Module 8: Capstone Project: Applying Construction Planning Concepts
Chapter 1: Case Study on Real-World Construction Projects
 - Case studies of successful construction planning
 - Lessons learned from construction project failures
 - Applying best practices in planning and scheduling
Chapter 2: Group Project: Developing a Construction Schedule
 - Working in teams to create a detailed project schedule
 - Allocating resources, identifying risks, and setting up quality control measures
 - Presenting the construction plan using tools like WBS, OBS, and Primavera
Chapter 3: Final Project Presentation and Feedback
 - Presenting capstone projects to peers and instructors
 - Constructive feedback and project evaluation
 - Reflecting on lessons learned and areas for improvement

2Weeks Major Projects

Jobs You Can Apply

- ◆ Planning Engineer, ₹4-10 LPA
- ◆ Project Scheduler, ₹3.5-8 LPA
- ◆ Construction Planner, ₹4-9 LPA
- ◆ Project Engineer, ₹4-9 LPA
- ◆ Site Planning Engineer, ₹4-7 LPA
- ◆ Project Manager (Construction), ₹10-25+ LPA.

Projects

- ◆ Amritsar-Jamnagar Expressway (EC3)
- ◆ Delhi-Mumbai Expressway
- ◆ Bengaluru-Chennai Expressway

TOOL BOX



MEET YOUR MENTOR



Gagan KSD
Company : Nest Designer
Experience : 5+ years

Gagan is a seasoned mentor with over 5 years of dedicated experience in a Nest Designer and a noteworthy presence in more than 2 companies. Specializing in autocad, Gagan has successfully contributed to the completion of 20+ projects, showcasing exceptional leadership skills with an individual accomplishment of overseeing more than 2 projects independently. Beyond his technical expertise, Gagan is known for his strong leadership qualities. He extends his impact by training employees across different companies, showcasing a commitment to knowledge sharing and talent development within the construction planning field. Gagan stands out as a mentor who combines hands-on experience with effective leadership, making him a valuable asset in the industry.

PLACEMENT SERVICES

- REACH YOUR DREAM JOB :**
AT LEARNFLU, WE ARE DEEPLY COMMITTED TO YOUR LEARNING JOURNEY AND DEDICATED TO YOUR CAREER SUCCESS. OUR COMPRE- HENSIVE PLACEMENT SERVICES ARE TAILORED TO EQUIP YOU WITH THE SKILLS, CONFIDENCE, AND CONNECTIONS NECESSARY TO SECURE YOUR DREAM TECH JOB
- RESUME PREPARATION :**
ELEVATE YOUR COMMUNICATION, TEAMWORK, AND LEADERSHIP ABILITIES WITH ENGAGING LIVE SESSIONS AND CUSTOMIZED FEEDBACK, DESIGNED TO HELP YOU EXCEL IN ANY PROFESSIONAL SETTING.
- HIRING PARTNERS AND CAREER PORTAL :**
GAIN ACCESS TO LEADING TECH COMPANIES THROUGH OUR EXCLUSIVE NETWORK OF HIRING PARTNERS AND OUR EXCLUSIVE CAREER PORTAL, DESIGNED TO CONNECT YOU WITH YOUR IDEAL JOB OPPORTUNITIES.
- MENTORSHIP**
GAIN HANDS-ON EXPERIENCE THROUGH INTERNSHIPS AND MENTORED PROJECTS, EARNING AN INDUSTRY CERTIFICATE

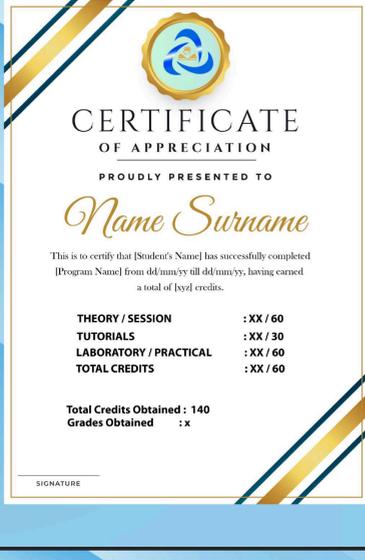
ADDITIONAL SERVICES

- Linkedin optimization**
Optimizing your LinkedIn profile can greatly enhance your professional online presence and increase your
- Career Guidance**
Career guidance plays a vital role in helping individuals navigate the complex and often challenging world of work.
- Career Opportunities**
Career opportunities are essential as they provide pathways for personal and professional growth, financial stability, and the fulfillment of individual potential and aspirations.
- Hands-on experience**
The importance of hands-on experience, especially in the context of professional development and education, is very substantial to land your first job.
- Personality Development**
Personality development is crucial as it enhances overall personal growth, fosters confidence, and improves interpersonal skills, leading to success in both personal and professional life.



CREDIT VALIDATION REPORT

COURSE COMPLETION CERTIFICATE



INTERNSHIP COMPLETION CERTIFICATE



STUDENTS REVIEWS

- Sravan** ★★★★★
Very good internship program. My mentors are teaching me more technical stuff. I also recommend my friends to do this internship.
- Vasavi** ★★★★★
This is the best internship provider with major projects with best experienced mentors.
- Sarvani** ★★★★★
This is the best internship and training provider company with 100% job assistance
- Raghu Roy** ★★★★★
This is the best internship provider with major projects with best experienced mentors.
- Aradhana** ★★★★★
Learnflu seamlessly merges education and technology, offering a dynamic platform for immersive learning experiences. With innovative tools and engaging content, Learnflu elevates the educational landscape.

- Kashish Yadav** ★★★★★
Very good internship program. My mentors are teaching me more technical stuff. I also recommend my friends to do this internship.
- Dinakaran** ★★★★★
Thank you so much learnflu for giving this wonderful opportunity and developed my knowledge.
- Aju Koshan** ★★★★★
I enrolled for web Data Analysis Program for April batch and yesterday was my induction session and session was so good and the mentor Syed Ateem have given very insightful information about this internship and Training Programme and I am very much excited regarding the program
- Priya** ★★★★★
This is a very good learning platform which offers students training and internship program

OUR ALUMNI WORKS AT



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