

CPPM

Training Program on **Construction Project Planning and Management [CPPM]**

09th to 14th December 2019

at
L&T Institute of Project Management, Vadodara



About IPM

L&T Institute of Project Management (L&T IPM) is a premier institute established by L&T with an exclusive focus on project management education. L&T IPM is an approved Global Registered Educational Provider (R.E.P) of PMI®, USA. All its registered courses with PMI® are pre-approved for acquiring PDUs (Professional Development Units) that are required for, PMI® Certification. It has been delivering unique short-term and long term training programs on project and program implementation for the last 11 years. Practical examples, well-tested pedagogy and real-life project simulation are unique features of L&T IPM's programs. Feedback received on the programs has been excellent.

About The World Bank

The World Bank was established in 1944 and is an institution comprising of 189-member countries. The World Bank Mission: to end extreme poverty and promote shared prosperity in a sustainable way. It is a vital source of financial and technical assistance to developing countries round the world. The World Bank comprises of two organizations, namely, the International Bank for Reconstruction and Development (IBRD) and the International Development Association (IDA). IBRD lends to middle income and credit-worthy low-income countries, and, the IDA provides interest free loans called Credits and Grants to the poorest of countries. India is the largest recipient of the World Bank financing currently.



Program Genesis

India is poised to achieve mammoth growth in infrastructure sector. Hence to help India achieve her GDP growth goals, it is imperative that thrust should be there in the government agencies as well as contractors across the country to cultivate the discipline of structured project management approach and enhance competencies in the field of project management. L&T IPM in association with the World Bank aims to work with the government organizations in strengthening existing capability through imparting required knowledge and skills.

Program on "Construction Project Planning and Management" for World Bank assisted projects is organized with L&T IPM in partnership with the World Bank. The Program focuses on how to plan, manage and control construction operations and resources while building project management competencies to achieve predictable project results. This Program also addresses the skills and knowledge required at each stage of construction project execution and the critical elements within each stage. It follows a modular approach and its pedagogy is designed to give participants a well-rounded view of construction project planning and management. The program content includes tools and techniques required for efficiently managing construction operations.



Program Objectives

- » To identify the importance of construction pre-project planning and its influence on the project outcomes.
- » To impart well-rounded view of managing construction projects with a focus on global and local contract practices, project finance control and reporting, project process, procedures and risk management.
- » To understand construction project management practices during “Pre-Construction”, “Construction” and “Close-Out Stage” for effective delivery project.
- » To enhance knowledge about project information management including use of technology for smart project management, project documents, records, retention and archival for future use and limiting claims and legal issues.
- » To develop skills required for effective stakeholder engagement and interface management.

Program Fundamentals, Duration and Venue

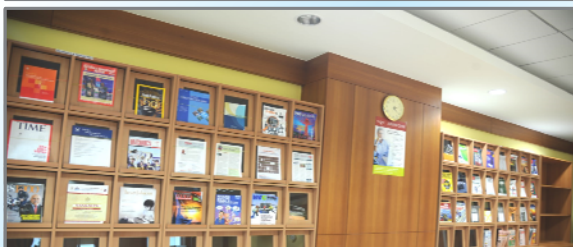
- » The Program is a residential program. It will be conducted at L&T Institute of Project Management, L&T KC Residency Campus, Vadodara.
- » The contact sessions will comprise of input sessions, proficiency assessment, group presentations and invited presentations.
- » The Program is planned for 6 days of classroom teaching including applicable case studies.
- » The course pedagogy includes use of cases as learning tools.

Program Certification

The participants will receive a “Certificate of Participation” upon completion of 6 days of the training program, which will be jointly certified by the World Bank and L&T IPM.



Program Resources



Faculty Members from L&T IPM, the World Bank staff, Senior Project Professionals and selected international visiting faculty will conduct program sessions. The Program will be well supported by the learning resources such as prescribed text books, database, study reports, study kit, etc. Registered participants will get access to expansive IPM Library and learning resource centre of IPM during the training program.

Program Fees & Registration

INR 80,000 plus applicable GST (18%) per participant. Rates are applicable for minimum batch size of 20.

The fee includes course delivery charges, course material, boarding & lodging, local transportation, lunch and refreshments during the session, access to the institute's library, and other infrastructural facilities, etc. Pick-up and drop facilities from Vadodara Railway Station or Airport will be arranged by L&T IPM on a complimentary basis, on request. Participants are requested to make their own travel arrangements to and from Vadodara. Participants will be provided single occupancy accommodation only and there is no provision for family accommodation. The Program fee to be paid in advance as per following details.

*** Payment via DD:-** The Demand Draft needs to be in favour of - **Larsen & Toubro Limited, payable at Mumbai.**
(Please mention your name, contact no and program name, i.e., 'Construction Project Planning and Management' on the back of the DD)

*** Payment via Bank Wire Transfer :-**

Bank Name: ICICI Bank Ltd.

Bank Branch: L&T Powai

Bank Account No: 124705002091

Account Type: Current Account

IFSC code : ICIC0001247

In case of ECS, the remitter may inform us the UTR number and date of transaction at amit.tiwari@Lntipm.org along with name of the participant, name of the organization and name of program, i.e., 'Construction Project Planning and Management'.

REGISTRATION

The nomination form (appended in the next attachment) duly filled in along with the requisite fee should reach us at least 21 days before the commencement date of the program. The fee is 'non-refundable'. A confirmation email will be sent to nominees after the receiving nomination form and full course fee. Nominees are requested to provide travel details and itinerary [and changes thereof] at the earliest in order to enable L&T IPM to make necessary logistical arrangements.

Program Residential Facility Details

Program participants will be provided accommodation in L&T KC Residency campus at Vadodara which has all necessary provisions for stay including the dining hall for tea, breakfast and dinner. The menu covers both vegetarian and non-vegetarian options. L&T KC Residency campus has health centre, recreational club (KC Club) having indoor and outdoor games facility. KC Club facilities also include a library, executive restaurant and amphitheatre. It is expected that participants will arrive at L&T IPM's Vadodara Campus a day before the commencement of the program and leave on the same day after completion the program on 6th day.

Program Coordinator and Program Manager

Program Coordinator (Administration)

Mr. Amit Tiwari

E-mail: amit.tiwari@Lntipm.org

Telephone: +91 265 2453111

Mobile: +91 8000215038

Program Manager (Academics)

Dr. Hiren Maniar

E-mail: Hmaniar@Lntipm.org

Telephone: +91 265 2453103

Mobile: +91 9898010291

Training Program on Construction Project Planning and Management [CPPM] Session Plan

DAY	Session Coverage Details
Day 1 FN (9.00 AM to 1.00 PM)	Concepts and Conceptual Phase (Identification Stage) <ul style="list-style-type: none"> • Program Inauguration and Context Setting - (L&T IPM) • World Bank Project Cycle - Overview - (World Bank) • Compliance with World Bank/DEA requirements - (World Bank) <ul style="list-style-type: none"> ➤ DEA Readiness Check ➤ ESHS and GBV
Day 1 AN (2.00 PM to 5.30 PM)	Pre-Project Planning (Preparation Stage) - (L&T IPM) <ul style="list-style-type: none"> • Technical Feasibility and Program benefits • Detailed Project Report • Overall Program/Project implementation strategy • Project Milestone Schedule-Tips and Guidelines
Day 2 FN (9.00 AM to 1.00 PM)	Pre-Construction Project Preparation - (L&T IPM) <ul style="list-style-type: none"> • Types of Contract Agreements (Lump-sum or Fixed Price, Turnkey, Admeasurements or Unit rates etc., and their application) • Contractor Pre-Qualification - Common Pitfalls and preventive suggestions
Day 2 AN (2.00 PM to 5.30 PM)	Contract Preparation and Pre-bid Strategies - (L&T IPM) <ul style="list-style-type: none"> • Pre-Contract Risk Identification and Mitigation Plans - equitable provisions in contract • Key Strategies for Common Contractual Issues <ul style="list-style-type: none"> ➤ Claim avoidance strategies ➤ Change Management ➤ Site Readiness and Right of Way handling • Pre-Award Contract Management

IPM CLASS ROOMS



DAY	Session Coverage Details
Day 3 FN (9.00 AM to 1.00 PM)	Financial Monitoring and Control - (L&T IPM) <ul style="list-style-type: none"> • Cash Flow - Concepts and Quick Assessment Tools • Working Capital Management in Construction Projects • Contractor Invoice Handling - Accounts Payables and Cash Outflow
Day 3 AN (2.00 PM to 5.30 PM)	Cost Monitoring and Control - (L&T IPM) <ul style="list-style-type: none"> • Estimating and Cost Baseline for a contract • Handling of Changes/ Project Variation and Forecasting ETC (Estimate to Complete) • Cost Performance Metrics and Dash-boards
Day 4 FN (9.00 AM to 1.00 PM)	Establishing Baselines and Enabling Works - (L&T IPM) <ul style="list-style-type: none"> • Progress Measurement Guideline & Schedule Performance by using Project Management Software (PERT/GANT, Calculating CPN etc.) <ul style="list-style-type: none"> ➤ Physical Progress, Critical Path Progress and Commercial Progress • Stage Checklists - Including Contractor Mobilization Checklist
Day 4 AN (2.00 PM to 5.30 PM)	Managing Project & Contractor Performance - (L&T IPM) <ul style="list-style-type: none"> • Construction Kick-off and Alignment - Also agreeing Key Objectives and Key Success Factors and common meaning of project success • Establishing and agreeing Level 3 baseline schedule for the projects • Quality Assurance and Control <ul style="list-style-type: none"> ➤ Work-Front Planning including Construction Drawing availability ➤ Resource Planning ➤ Site Readiness Assessment • Assessment and Recording of Construction Progress <ul style="list-style-type: none"> ➤ Use of Measurement Book ➤ Use of E-Measurement Book • Digital Tools for Progress and Performance Tracking
Day 5 FN (9.00 AM to 1.00 PM)	Contracts and Claims in Different Types of Contracts (L&T IPM) <ul style="list-style-type: none"> • Handling of Scope Changes and Variation • Handling of Force Majeure Claims • Handling of Extension of Time (EOT Claims)
Day 5 AN (2.00 PM to 5.30 PM)	Contractual Risks - (L&T IPM) <ul style="list-style-type: none"> • Leading Indicators of Claim Situation • Equitable Risk Treatment and other strategies for dispute prevention • Handling Breach of Contract • Alternate Dispute Resolution and Arbitration

DAY	Session Coverage Details
Day 6 FN (9.00 AM to 1.00 PM)	Enabling Strategies and Techniques - (L&T IPM) <ul style="list-style-type: none"> • Key Stakeholder Engagement-Joint strategies by Owner, Contractor and Consultant Successful Completion and Close-out - (L&T IPM) <ul style="list-style-type: none"> • Commissioning and Start-up Planning and Monitoring (for projects like Water Treatment Projects) • Handling of Punch points and Technical Close-out of Projects • Contractual Close-out, Asset Hand-over and Activities planning through DLP period • Valedictory
Day 6 AN (2.00 PM onwards)	Site Visit "Statue of Unity"  

Note:

- ◆ Classes will be held from 09.00 AM to 05.30 PM. Participants are requested to report at L&T IPM at 08.45 AM.
- ◆ Each day, there will be two sessions in the forenoon (FN) and two sessions in the afternoon (AN).
- ◆ Lunch is served at the Cafeteria on the ground floor of the L&T IPM Building between 01.00 PM to 02.00 PM.
- ◆ There are two tea/coffee breaks from 10.30 AM to 10.45 AM (except for Day 1, when it is from 10.00 AM to 10.15 AM), and, from 03.30 PM to 03.45 PM.
- ◆ L & T IPM has arranged a visit to Statue of Unity at Sardar Sarovar Dam on the Narmada River on Day 6 on a complimentary basis. Participants are requested to report at L&T IPM at 02.00 PM.



RESIDENCY & CLUB HOUSE FACILITIES



L&T Institute of Project Management

L&T IPM Building - Gate 4, KC Residency, Behind L&T Knowledge City Campus, Between Ajwa & Waghodia Crossing, NH. No. 8, Vadodara - 390019.

Contact: 0265 - 2453111 • Email ID: amit.tiwari@lntipm.org



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