



INSTITUTE FOR LEAN CONSTRUCTION EXCELLENCE (ILCE)

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www.ilce.in

THE START OF ILCE IN BENGALURU

Proudly announcing the opening of an ILCE Hub in Bengaluru.

ILCE presenting its first Workshop in Bengaluru –

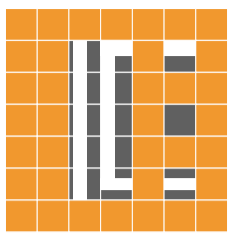
“ Introduction to Lean Construction and its Application”

Date : 25 June 2011

Venue : National Institute of Advanced Studies (NIAS)

Indian Institute of Science Campus

Bengaluru 560 012.



INSTITUTE FOR
LEAN CONSTRUCTION
EXCELLENCE (ILCE)

INTRODUCTION TO LEAN CONSTRUCTION AND ITS APPLICATIONS

DATE : SAT, 25 JUNE 2011.

VENUE : National Institute of Advanced Studies (NIAS),
Indian Institute of Science Campus,
Bangalore - 560 012.

ILCE

Founded in November 2008, as a non-profit company by Indian Construction Industry leaders and IIT-Madras. ILCE's main objective is to Introduce in India "Lean Construction" for the benefit of all stakeholders in the Construction Industry and to propagate to the construction industry in India, knowledge of LEAN Construction and its applications.

ILCE warmly invites you to a one day Introductory Workshop in:

Introduction to Lean Construction & Its Applications

Principal Speakers :

Mr. N. Raghavan, Former Head - Hydel & Nuclear, L&T-ECC &
INAE Dis. Vstg Prof - IIT Madras.

Mr Sudarshan.K.S, Chief Operating Officer, Ozonegroup.

Dr. Ashwin Mahalingam, IIT Madras.

LEAN Construction, by definition, is to optimize value for any efforts, materials, machinery, etc. which we put into construction. LEAN Principles applied in manufacturing, retailing and other fields had a dramatic impact in the industry, covering various facets of performance – cost, time, delivery, etc.

Construction Industry has lagged behind in the application of LEAN due to inherent nature of work. The wastages in construction (non-value adding activities) are generally as high as 40-60%, whereas in manufacturing industry, it is hardly 3-15%. Many countries such as the Western world, Singapore, Korea, etc are focusing on LEAN Construction to reduce/ mitigate this enormous wastage.

Present Programme will address several key issues.

- Simple definitions of Lean Construction
- Road Map for Lean Construction in site processes
- Road Map for Lean Construction in Partnership – major cause of wastages
- Modern practices of Lean Construction and Technological Tools
- Some Case Studies

MAIN OBJECTIVE OF WORKSHOP:

To propagate knowledge of LEAN practices in day to day applications for visible improvement in performance. **Participants to go back with ready knowledge of application of LEAN practices in their own processes/ site.**

WHO SHOULD ATTEND:

- Developers of Real Estate / Infrastructure Projects
- Top Management – major drivers for LEAN Construction
- Architects / Engineers / Consultants
- MEP Consultants /Contractors
- Practicing Engineers at site
- Planning Engineers /Project Managers /Middle & Senior Management professionals / Site Engineers
- General Contractors
- Owners of facilities like Buildings, Hotels, Hospitals, and Airports

PARTICIPATION FEES:

- Chartered/ Corporate/ Associate Corporate member : Rs. 3000 + 10.3% Service Tax
- Individual member : Rs. 2000 + 10.3% Service Tax
- Non-Member : Rs. 4000 + 10.3% Service Tax

The fee includes lunch, tea/ coffee expenses at the venue.

Payment should be DD in favor of "INSTITUTE FOR LEAN CONSTRUCTION EXCELLENCE"

On line/ Mail transfer to

INSTITUTE FOR LEAN CONSTRUCTION EXCELLENCE

Account No: 00602560008689

RTGS/ NEFT IFSC: HDFC0000240

Participation fee is non-refundable but change of nomination is acceptable

REGISTRATION AND CONTACT

Registration should be addressed to:	For further details please contact:
Sudarshan KS	Ms. Janhavi
Director, ILCE and COO, Ozonegroup, #38, Ulsoor Road, Bangalore 560042	Executive Secretary Ozonegroup, #38, Ulsoor Road, Bangalore 560042
Phone: +91 80 4039 5607/ +91 80 4039 5600	Phone: +91 80 4039 5622/ +91 80 4039 5600
Email: sudarshan@ozonegroup.com	Email: janhavi@ozonegroup.com

Please confirm your participation by emailing a softcopy of the filled-in Registration forms to janhavi@ozonegroup.com, not later than June 10, 2011. The Registration form along with the participation fee through a cheque/ DD drawn in favour of "**Institute for Lean Construction Excellence**" may be sent, to:

Institute for Lean Construction Excellence, Bangalore Hub,
Attn.: Mr. K.S. Sudarshan, COO, Ozonegroup,
38, Ulsoor Road, Bangalore - 560 042.

VENUE :

National Institute of Advanced Studies (NIAS)
Indian Institute of Science Campus Bangalore 560012.



Programme Schedule: 25th June, 2011

Sl.No	Timings	Item	Details	Faculty
1	8.30am - 9.00am	REGISTRATION	Registration, Tea / Coffee	Local Hub
2	9.00am - 9.15am	WELCOME	Road Map, Introduction of Speakers	
3	9.15am - 10.15am	INTRODUCTION TO LEAN CONSTRUCTION	LEAN- Simple Definitions, WHAT & WHY; Broad benefits, International & Indian Practices, Basics- Concepts, Practices, Tools; Waste- Identification & Mitigation;	N Raghavan
4	10.15am - 11.15am		Why Indian Construction is not Lean & what to do; problems (both for large and small projects, from planning to completion stages), case studies	Sudarshan KS
5	11.15am - 11.30am	TEA BREAK		
6	11.30am - 12.30pm	LEAN CONSTRUCTION IN PROCESS	SITE-BASED INTEGRATED PLANNING (SBIP) (Last Planner concept)	Ashwin Mahalingam
7	12.30pm - 1.15pm	LUNCH		
8	1.15pm - 2.00pm	LEAN CONSTRUCTION IN PROCESS	SBIP Planning (contd); Parade Game	Ashwin Mahalingam/ Kalyan
9	2.00pm - 4.00pm	PARTNERSHIP PROCESSES, ORGANISATIONAL & COMMERCIAL ASPECTS, TOOLS	Alliance Concept, Integrated Project Delivery, Optimising Organisational Aspects, Collective Commercial Orientation, Value Stream Mapping & Innovation; BIM, ERP, Innovations	Ashwin Mahalingam (NRG may take ½ hr if Ashwin so desires)
10	4.00pm - 4.15pm	TEA BREAK		
11	4.15pm - 4.45pm	CASE STUDIES	Indian Experience	Kalyan
12	4.45pm - 5.15pm	CASE STUDIES	Leading Developer	
13	5.15pm - 5.45pm	SUMMING UP	Summarizing Learnings, Implementation Road Map	N.Raghavan
14	5.45pm - 6.00pm	WAY FORWARD	Introduction to ILCE, Further Workshops & Tutorials, Newsletters, etc; Membership of ILCE to stay in touch	P.Sampath
15	6.00pm	FEEDBACK	Collect feedback Forms	

NOMINATION FORM

We nominate the following personnel to attend the Program

Name: _____

Designation: _____

Email: _____

Mobile: _____

Name: _____

Designation: _____

Email: _____

Mobile: _____

Our Demand Draft for Rs. _____ on bank

_____ bearing the number _____

drawn in favour of "ILCE" is enclosed

Contact Details

Organization _____

Address _____

Contact Person _____

Designation _____

Tel no _____

Email _____