VISILEAN
Construction, Simplified

DATE
SATURDAY , 14TH JULY-18

DOOR OPEN
10:30 AM

PLACE
GIDC BHAVAN, CEPT, AHMEDABAD.

CEPT UNIVERSITY
| FACULTY OF TECHNOLOGY

WORKSHOP ON
DIGITISING
THE CONSTRUCTION INDUSTRY
WITH LEAN & BIM

The Construction industry in India is growing at a rapid pace and there is a significant scope for improvement. Many major construction companies in India have started to implement Lean practices and demand from customers and regulators to implement BIM is growing. This event will provide an invaluable opportunity to listen to 3 globally renowned speakers who will cover a wide range of topics from main concepts to leading research ideas and successful implementation practices, including case studies from Europe and USA.

VisiLean brings internationally renowned scholars in the field of Lean Construction and BIM (Building Information Modelling) to Ahmedabad, India. A one-day workshop will be held at the Faculty of Technology, CEPT on "Digitising Construction Management with Lean and BIM". The construction industry has been going through a digital revolution since last 10 years and exciting opportunities lie ahead. Lean and BIM provide a much needed platform upon digitisation can take place.

Lean construction refers to the adaptation of the concepts and principles of lean manufacturing to the production industry. It is a philosophy derived from lean manufacturing and adapted from the Japanese concepts of lean manufacturing practiced in the car industry. Since it is a philosophy, there are various interpretations of the concept of "lean". Lean focuses on maximum value through minimum resources causing less wastage and more value addition. Lean is a concept that focuses on use of resources to produce value to the end user. Any other use of resources is waste and has to be removed.

From these explanations it can be concluded that lean processes have dual aims of maximization of value and minimization of waste in a system. However in the construction industry, the concept of lean extends beyond these aims and applies to the entire construction process. Lean construction goals are reduction of waste in human efforts, inventory and time to market and to become more responsive to customer needs, improving the product quality in most efficient and economical manner.

BIM is defined as "an adjective to define technologies, processes and tools that are simplified by digital documentation for a building, from its conception to handover stage." The result of BIM activity is a 'Building Information Model'. BIM software tools are classified by the ability to amass virtual building models using machine-readable parametric objects that unveil adequate behaviour with the requirement to plan, evaluate and examine a construction design .The computer-aided drafting models that are not conveyed as objects with all information related to building components can't be recognized BIM.

OPEN FOR

CONSTRUCTION INDUSTRY PROFESSIONALS,

FACULTIES AND

STUDENTS.

REGISTRATION IS

NECESSARY,

SCAN HERE

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AGENDA

TIME	SESSION TIME	SPEAKERS
10:15 AM	WELCOME SPEECH	BY PROF.PARESH SHAH, CEPT UNIVERSITY
10:30 AM-11:15 AM	"IMPORTANCE AND RELEVANCE OF LEAN & BIM IN INDIA"	BY DR.BHARGAV DAVE, CEO VISILEAN
11:15 AM-12:30 PM	"FROM CONCEPT TO REALITY LEAN CONSTRUCTION AND ITS ROLE IN DIGITISING CONSTRUCTION"	BY DR.LAURI KOSKELA, HUDDERSFIELD UNIVERSITY, UK.
12:30 PM-13:30 PM	LUNCH BREAK	
13:30 PM-14:30 PM	"CONSTRUCTION MANAGEMENT AT THE NEXUS OF LEAN AND BIM"	BY DR.RAFAEL SACKS, TECHNION UNIVERSITY, HAIFA, ISRAEL
14:30 PM-15:15 PM	"DIGITAL ENGINEERING/BIM - ITS HAPPENING NOW AND HERE"	BY MR. JUGAL MAKWANA, GLOBAL DIRECTOR AT ROYAL HASKONINGDIV
15:15 PM-15:30 PM	TEA BREAK	
15:30 PM-16:30 PM	VISILEAN WORKSHOP	
16:30 PM-16:45 PM	CLOSING REMARKS AND WAY FORWARD	BY PROF PARESH SHAH AND PROF GANESH DEVKAR, CEPT UNIVERSITY