



SRI VENKATESWARA COLLEGE OF ENGINEERING

(an Autonomous Institution affiliated to Anna University, Chennai)

Pennalur, Sriperumbudu Tk – 602 117

DEPARTMENT OF CIVIL ENGINEERING



Indian Concrete Institute

Report of Webinar on “Digitalisation in Construction”

Date : 8th May 2020 (Friday) Time: 11 a.m to 12.00 p.m

Mode: Online through Cisco Webex

Meeting URL: meetingsapac17.webex.com

Meeting ID: 918 421 431

Speaker

Dr.S.Kalirajan

General Manager & Head – Special Initiatives (Nuclear)

L & T Construction, Chennai

Convenor & Coordinator

Dr.R.Kumutha, Professor & Head/Civil Engg.

Target Audience : Students and Faculty members

Number of Participants benefitted : 69 (Internal – 68 & External - 1)

Students : 60

Faculty : 8

Industry : 1

BROCHURE



Sri Venkateswara College of Engineering

Department of Civil Engineering

Cordially invites you for a Webinar on

DIGITALISATION IN CONSTRUCTION



Speaker

Dr.S.Kalirajan, M.Tech.,MBA.,Ph.D.

General Manager & Head – Special Initiatives (Nuclear)
L & T Construction, Chennai

Date : 08.05.2020 (Friday) Time: 11 am to 12 pm

Meeting URL : meetingsapac17.webex.com

Meeting number: 918 421 431

Host: Dr.R.Kumutha, HoD/Civil Engg.

PROFILE OF Dr.S.KALIRAJAN

Brief Profile



1. Name : Dr. S.KALIRAJAN
2. Current Position : GM & HEAD – SPECIAL INITIATIVES (NUCLEAR)
3. Company : L&T Construction, Heavy Civil Infrastructure IC, Chennai.
4. Education Qualifications : B.E - Civil Engineering (1988) –University of Madras
M.Tech (By Research) & Ph.D – Anna University.
PGDBA, DFM & MBA
Project Management Professional – PMP (PMI, USA)
5. Memberships in Prof. societies :
 1. Fellow and Chartered Engineer of IEI
 2. Member of Project Management Institute, USA.
 3. Member of Indian Concrete Institute.
 4. Life Member of Project Management Associates.
 5. Member, Madras Management Association.
6. Expertise Areas : Project Management, Contract Management, Strategic Planning, Construction Technology.
7. Experience : L&T Construction - 05+ Years
NPCIL - 26+ Years
Total 31+ Years of experience in Construction industry.
8. Awards & Accolades :
 - Lifetime Achievement award 2013 from Saveetha University for the contribution to the cause of Nuclear science and Research.
 - Excellent contribution to Project Management award-2011 from International Institute of Project Management.
 - NPCIL Special Contribution Award – 2008.
 - NPCIL recognition awards in 2003-04, and 2004–05 for the lead role-played in civil construction.

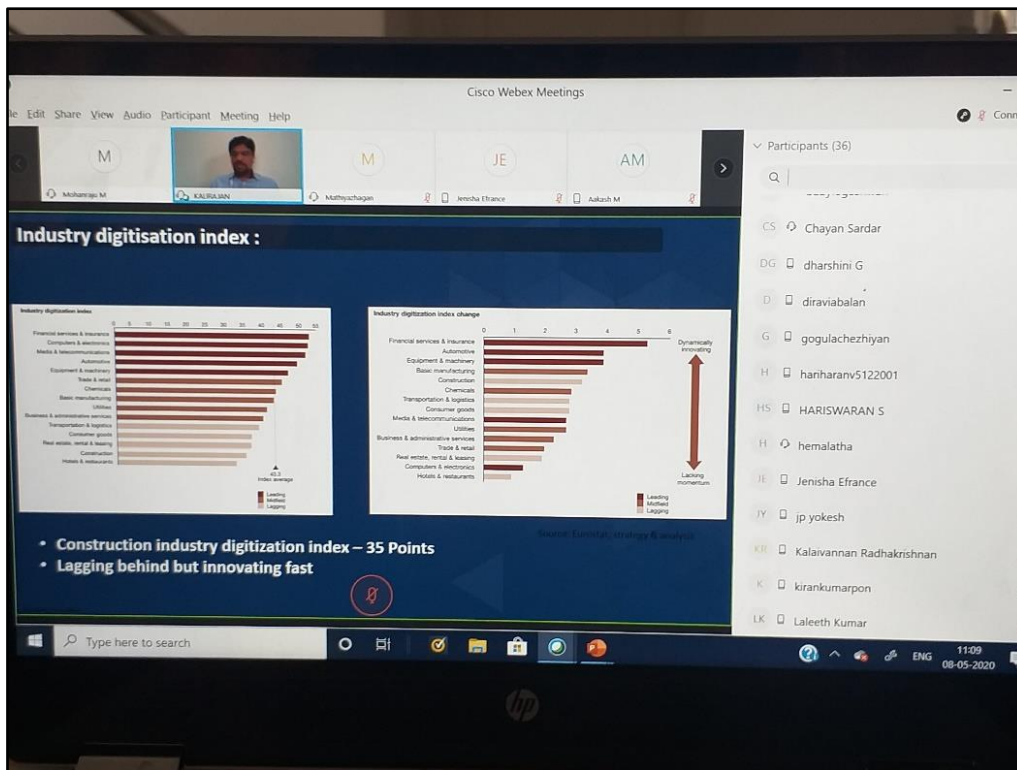
He has a vast experience in construction of Nuclear Power plants in India. He has also been working with various global Nuclear technology partners like ROSATOM, EDF and WESTINGHOUSE. He is into strategy formulation for the Nuclear construction business of L&T in the global market.

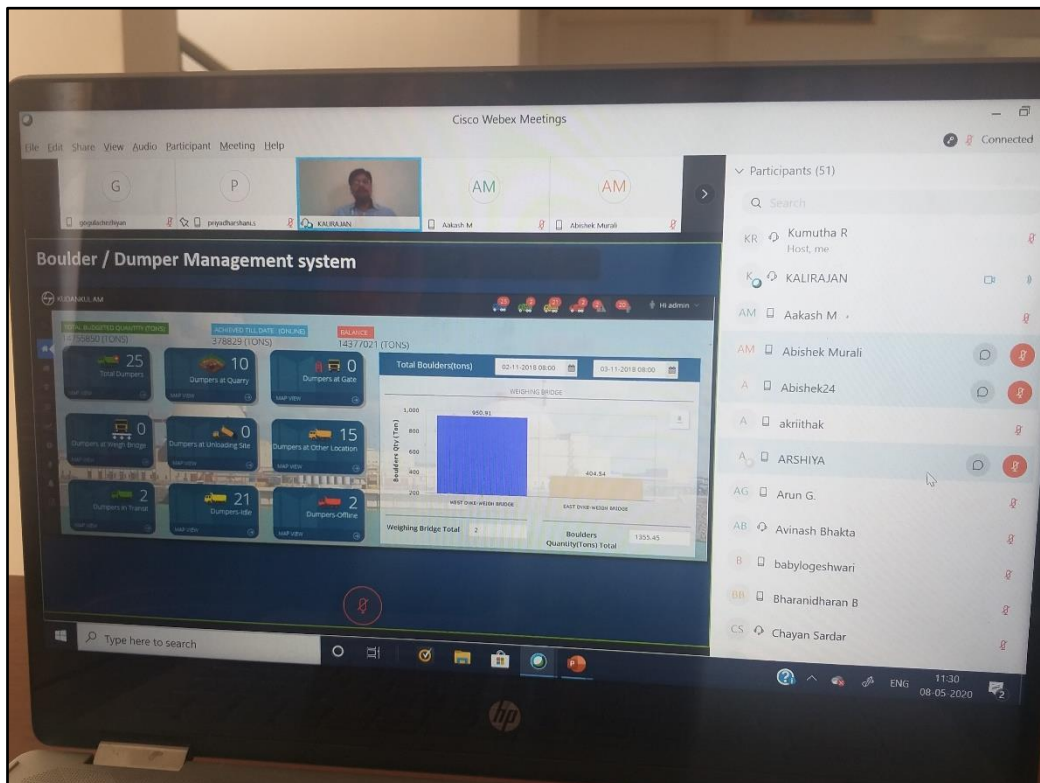
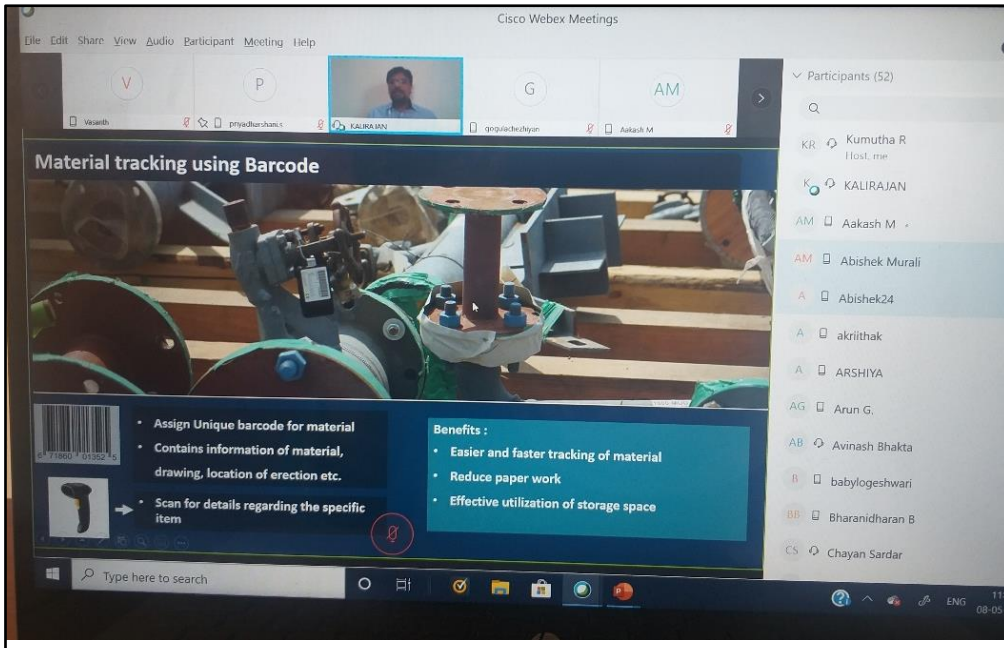
He has been the Chief Guest/Keynote speaker in many National and International Conferences. He has published many papers and delivered lectures on Project Management, Risk management, Nuclear technology, Concrete for Nuclear structures, Concrete technology and digitalisation in Construction industry.

Brief Report of the Webinar

The webinar started with a welcome note and the introduction of the speaker by Dr.R.Kumutha, Professor & Head/ Civil Engineering to the Participants. Dr.S.Kalirajan explained the use and application of digital tools to improve the process of delivering and operating the built environment. The most significant benefits derived from digitalisation in the industry such as time-saving in construction projects delivery, increased productivity, increased speed of work, increased document quality, speeding up of response time, and simpler working methods and how they are implemented in L & T construction were highlighted by Dr.S.Kalirajan to the participants. The speaker also emphasised the importance of learning IOT, Data Analytics and Augmented Reality/Virtual Reality for Civil Engineers. He also addressed few points related to career opportunities for Civil Engineers with a note on how the skill development courses like 5D BIM and Primavera will have an additional impact on finding better placements in Construction industry. The session ended with a vote of thanks delivered by Dr.R.Kumutha, Professor & Head/ Civil Engineering. The participants also had appreciated the webinar.

SNAPSHOTS OF THE WEBINAR





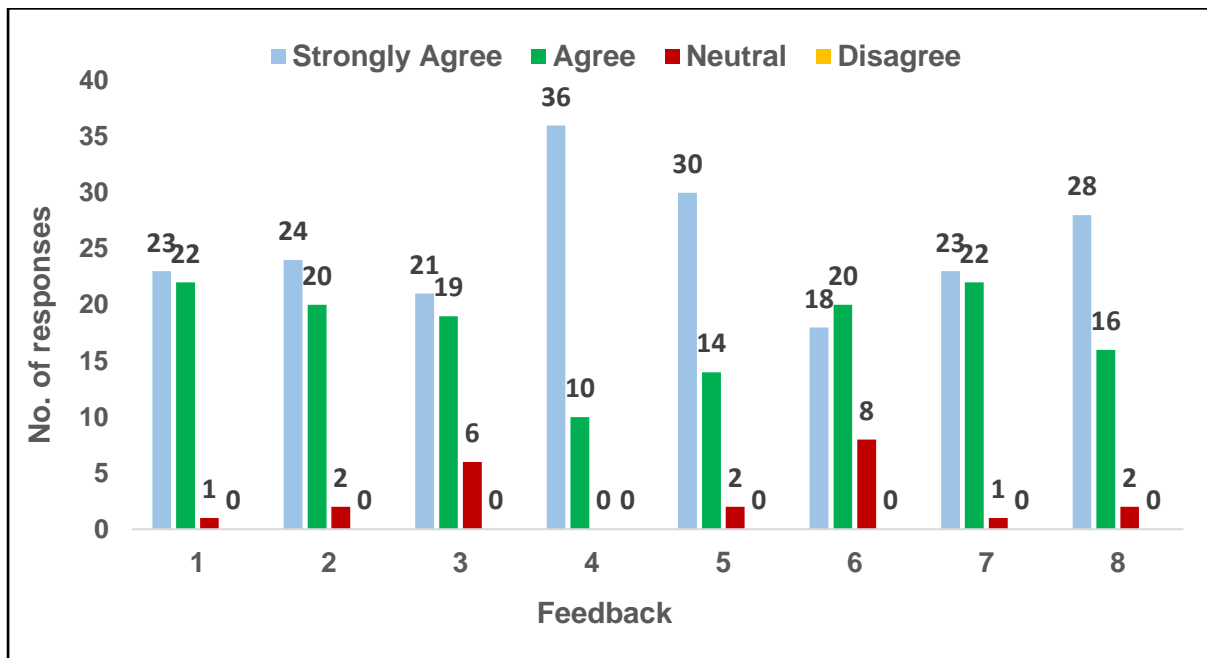
LIST OF PARTICIPANTS

S.No	Name of the Participant	Name of the Institution/Industry	Category
1.	Tilaa Rohith T.M	Sri Venkateswara College of Engineering	Student
2.	V.Hariharan	Sri Venkateswara College of Engineering	Student
3.	G.Monisha	Sri Venkateswara College of Engineering	Student
4.	Hariswaran S	Sri Venkateswara College of Engineering	Faculty
5.	Murali Manogar Joshi S	Sri Venkateswara College of Engineering	Student
6.	Aakash M	Sri Venkateswara College of Engineering	Student
7.	Soundharya.M	Sri Venkateswara College of Engineering	Student
8.	Mathiyazhagan R	Sri Venkateswara College of Engineering	Faculty
9.	Ruby Freya	Sri Venkateswara College of Engineering	Faculty
10.	Chayan Sardar	Sri Venkateswara College of Engineering	Student
11.	Nancy.H	Sri Venkateswara College of Engineering	Student
12.	Gogula Chezhiyan.N	Sri Venkateswara College of Engineering	Student
13.	Sharadhalakshmi.V.S	Sri Venkateswara College of Engineering	Student
14.	Sathyapriya K	Sri Venkateswara College of Engineering	Faculty
15.	A.Jenisha	Sri Venkateswara College of Engineering	Student
16.	R. Yamni	Sri Venkateswara College of Engineering	Student
17.	Laleeth Kumar D	Sri Venkateswara College of Engineering	Student
18.	Ajay Krishnamurthy	Sri Venkateswara College of Engineering	Student
19.	G.Arun	Sri Venkateswara College of Engineering	Faculty
20.	Akriitha K	Sri Venkateswara College of Engineering	Student
21.	Diravia Balan S	Sri Venkateswara College of Engineering	Faculty
22.	Kalaivannan R	Sri Venkateswara College of Engineering	Faculty
23.	Harshak S	Sri Venkateswara College of Engineering	Student
24.	Ramanan.B.B	Sri Venkateswara College of Engineering	Student
25.	B. Bharanidharan	Sri Venkateswara College of Engineering	Student
26.	S.Gowtham	Sri Venkateswara College of Engineering	Student
27.	M.Jenani	Sri Venkateswara College of Engineering	Student
28.	Hemalatha R	Sri Venkateswara College of Engineering	Student
29.	Arshiya.A.S	Sri Venkateswara College of Engineering	Student
30.	Priyadharshani S	Sri Venkateswara College of Engineering	Student
31.	Siddharth J U	Sri Venkateswara College of Engineering	Student
32.	Neha G	Sri Venkateswara College of Engineering	Student
33.	Richin John Charly	Sri Venkateswara College of Engineering	Student
34.	P. Venkateswara Rao	Sri Venkateswara College of Engineering	Faculty
35.	A.Vignesh	Sri Venkateswara College of Engineering	Student
36.	G.Harshavarthani	Sri Venkateswara College of Engineering	Student
37.	Prabhakaran	Sri Venkateswara College of Engineering	Student
38.	Yuvabharathi	Sri Venkateswara College of Engineering	Student
39.	Sugandhan D	Sri Venkateswara College of Engineering	Student

S.No	Name of the Participant	Name of the Institution/Industry	Category
40.	R Ramesh	NPCIL	Industry
41.	Sankaranarayanan J	Sri Venkateswara College of Engineering	Student
42.	M.Soundharya	Sri Venkateswara College of Engineering	Student
43.	Logeshwari R	Sri Venkateswara College of Engineering	Student
44.	Avinash Bhakta	Sri Venkateswara College of Engineering	Student
45.	V Praveen Kumar	Sri Venkateswara College of Engineering	Student
46.	Yokesh J P	Sri Venkateswara College of Engineering	Student
47.	Abishek Murali	Sri Venkateswara College of Engineering	Student
48.	Dharshini G	Sri Venkateswara College of Engineering	Student
49.	Vivedhitha Varshini	Sri Venkateswara College of Engineering	Student
50.	Rohan Lewis A	Sri Venkateswara College of Engineering	Student
51.	Rohit V	Sri Venkateswara College of Engineering	Student
52.	Pershiya D	Sri Venkateswara College of Engineering	Student
53.	Mohanraju M	Sri Venkateswara College of Engineering	Student
54.	Mani Bharathi S	Sri Venkateswara College of Engineering	Student
55.	Vengadesh V	Sri Venkateswara College of Engineering	Student
56.	Pravokhirdesh P	Sri Venkateswara College of Engineering	Student
57.	Humsavardhana R	Sri Venkateswara College of Engineering	Student
58.	Yuvabharathi G	Sri Venkateswara College of Engineering	Student
59.	Praveen Kumar V	Sri Venkateswara College of Engineering	Student
60.	Abishek A	Sri Venkateswara College of Engineering	Student
61.	Prashanth A	Sri Venkateswara College of Engineering	Student
62.	Siva P	Sri Venkateswara College of Engineering	Student
63.	Gokul K	Sri Venkateswara College of Engineering	Student
64.	Karthick Kumar P V	Sri Venkateswara College of Engineering	Student
65.	Naveen S	Sri Venkateswara College of Engineering	Student
66.	Thennarasu	Sri Venkateswara College of Engineering	Student
67.	V.Suresh	Sri Venkateswara College of Engineering	Student
68.	Kiran Kumar Pon	Sri Venkateswara College of Engineering	Student
69.	Vasanth	Sri Venkateswara College of Engineering	Student

SUMMARY OF FEEDBACK

Total Number of respondents: 46				
Feedback statement	Strongly Agree	Agree	Neutral	Disagree
The session delivered the information I expected to receive	23	22	1	-
The subject matter was presented effectively	24	20	2	-
The pace and duration of the webinar was satisfactory	21	19	6	-
The resource person is knowledgeable	36	10	-	-
The resource person presented the information in a clear and logical manner	30	14	2	-
Sufficient time was given for interaction	18	20	8	-
The webinar was well organized	23	22	1	-
As a result of this webinar, I gained new knowledge	28	16	2	-



Additional comments/feedback from participants:

- Explained excellently the various management technologies are using in the construction industry. It will be useful for us to develop the syllabus for our students.
- Can conduct more like these so we could gain knowledge as well as understand how the industry works
- Good session and organized effectively
- Got many information regarding digitalization construction and it was very useful. His seminar was really clear and crystal to me. It was really good and had a valuable time . Please do Arrange more webinar meeting for us to get many information.
- This session was a good experience and was valuable for us...thank u for our hod mam for arranging this meeting
- More practical demonstration.
- Was a very informative session which spoke more about management of a project under a room, and sir gave us a lot of information on the future digital scopes in the area of civil engineering like lot etc.
- Webinars related to career opportunities, guidance in choosing additional courses and competitive exams could also be useful.
- It was really a longtime watching/listening to one of my BEST Speaker i have never come across. A MASTER in all subjects. We we working together at Kudankulam for last 13 yrs. Dr. Kalirajan is my GURU. Please organize many more such talks which will be helpful to students and there future. BE BLESSED Doctor Sab.
- Since BIM is an advanced topic. the presenter made it easy to understand. Need more webinars from him. Especially on concrete technology.



Prepared by

Dr.R.Kumutha
Convenor
HoD//Civil Engineering