



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.

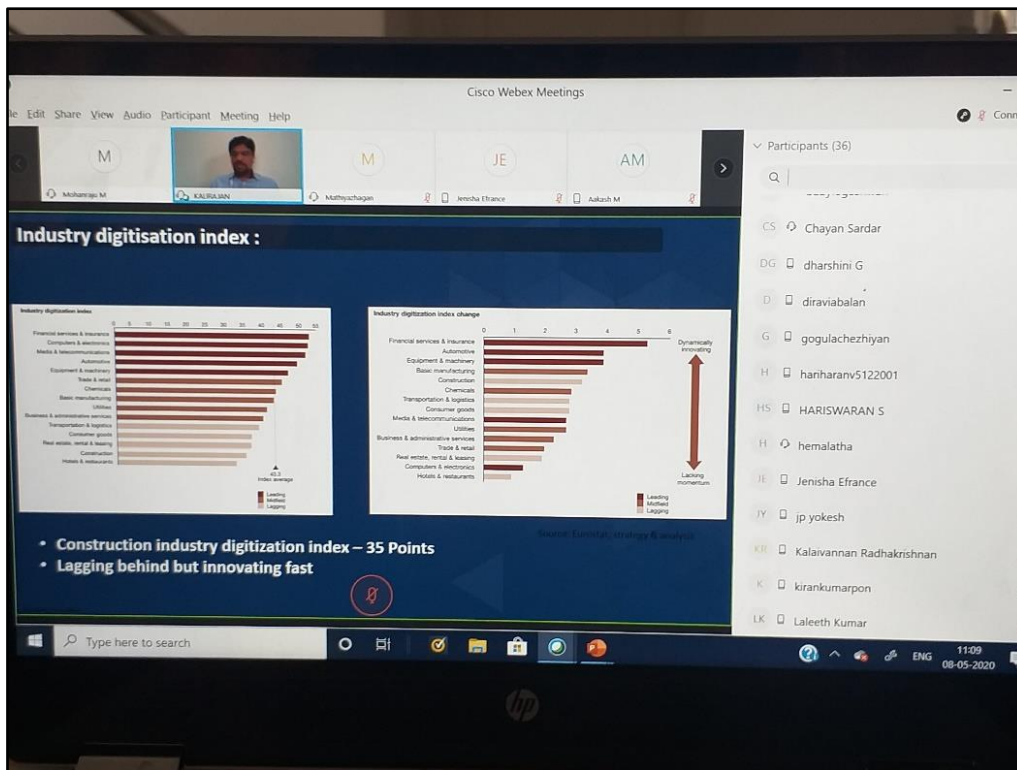
He has a vast experience in construction of Nuclear Power plants in India. He has also been working with various global Nuclear technology partners like ROSATOM, EDF and WESTINGHOUSE. He is into strategy formulation for the Nuclear construction business of L&T in the global market.

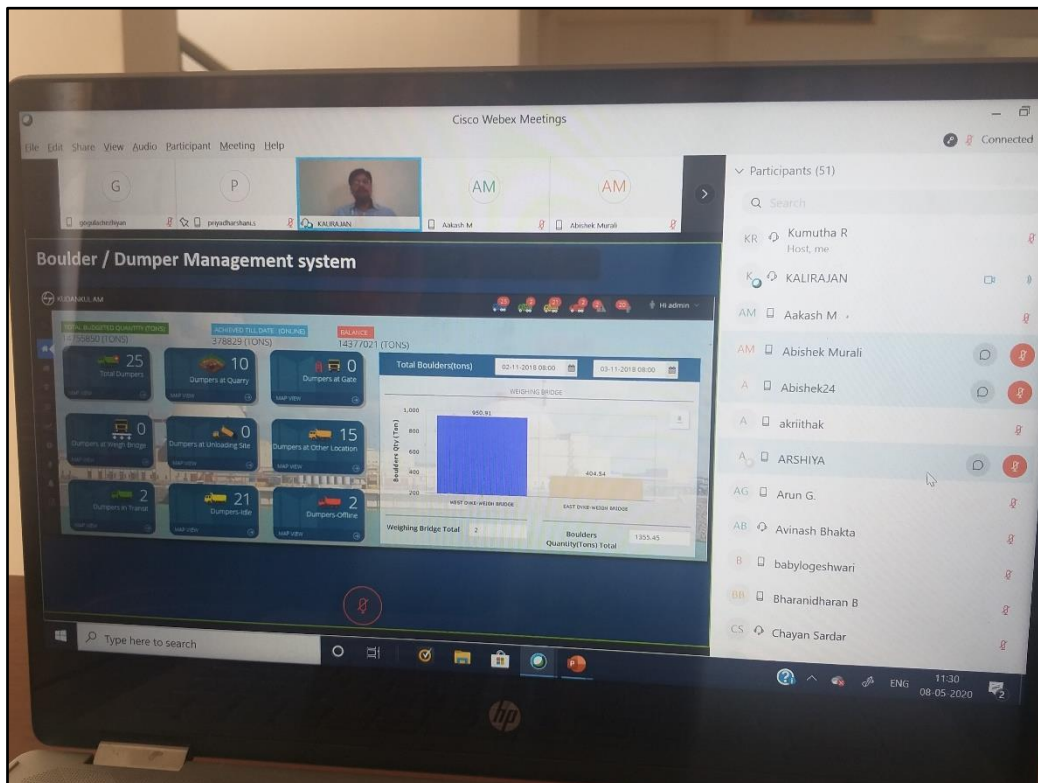
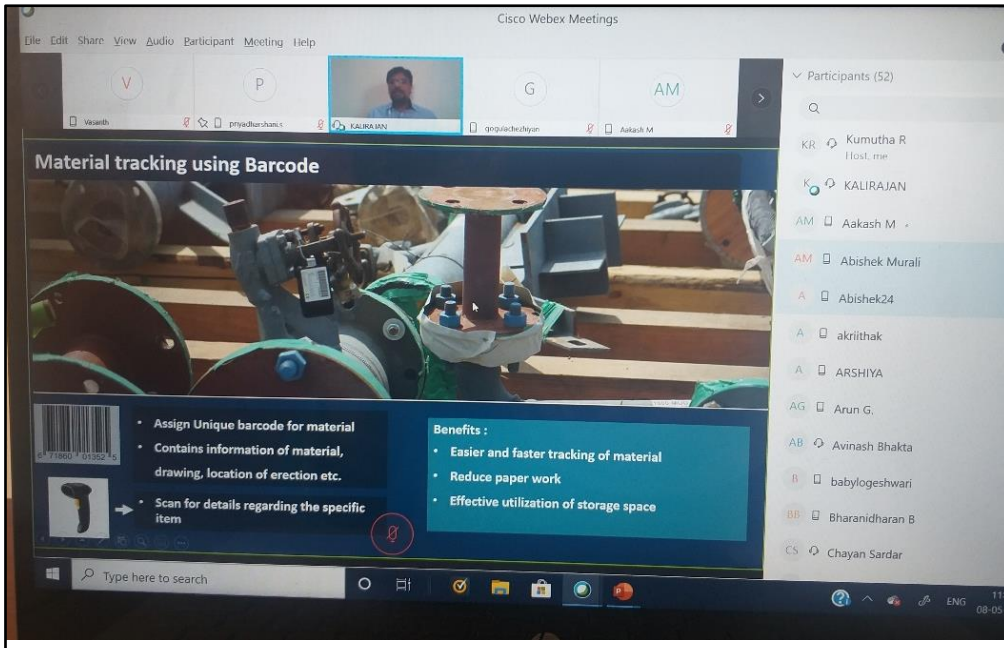
He has been the Chief Guest/Keynote speaker in many National and International Conferences. He has published many papers and delivered lectures on Project Management, Risk management, Nuclear technology, Concrete for Nuclear structures, Concrete technology and digitalisation in Construction industry.

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





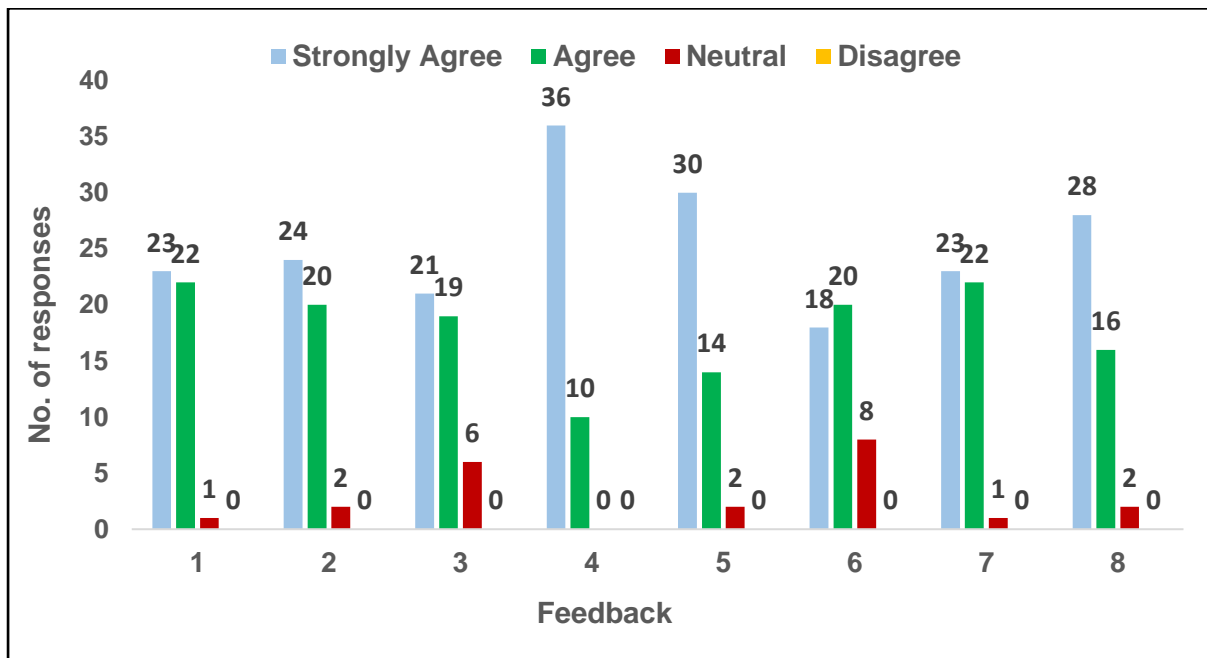
LIST OF PARTICIPANTS

| 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