

**Department: CIVIL ENGINEERING | Date: 4-6 June 2020**

**A Three Day National Level Online Faculty Development Program on  
"Rehabilitation and Retrofitting of Structures – R<sup>2</sup>S"**

The Department of Civil Engineering of Sree Vidyanikethan Engineering College has organized A Three Day National Level Online Faculty Development Program on **"Rehabilitation and Retrofitting of Structures – R<sup>2</sup>S"** during **4-6 June 2020** for the benefit of Civil Engineering faculty and practicing engineers.

The resource persons were eminent personalities of top order from the Academia and Industry like **Dr. Manamohan R. Kalgai**, Technical Advisor, UltraTech Cements Ltd.; **Dr. H. Sudarsana Rao**, Director (ICS), JNTUA Anantapur; **Mr. M. N. Ramesh**, Managing Director, Talrak Construction Chemicals Pvt. Ltd., Bangalore; **Dr. K. Balasubramanian**, Managing Director, Hitech Concrete Solutions Pvt. Ltd., Chennai; **Er. P. Srinivasa Reddy**, Chairman, ICI – Hyderabad Centre, Hyderabad; **Dr. Romanbabu Oinam**, Assistant Professor, IIT Tirupati, Tirupati; **Mr. G. Hari Prasad Rao**, South Zonal Head/Technical Services, JSW Cements Ltd., Hyderabad.

The FDP program received an overwhelming response with **884 participants** from various engineering colleges across our country including IITs, NITs and also from top industries in our country. Participants include Professors, Research Scholars, Entrepreneurs, and Industry Personnel. Dr. O. Eswara Reddy, Professor, HoD and Chairman-BoS, Convener-R<sup>2</sup>S, Mr. M. S. Yuvaraj, Assistant Professor, Coordinator-R<sup>2</sup>S and other faculty members of Civil Engineering Department were the organizers of this program.

On the whole, the three day national level online FDP has proved successful. All the companies were positively responded to sign MoU with the Department of Civil Engineering, SVEC in the fields of research, consultancy, internships, projects, training and placement. The purpose of the FDP is fulfilled and all the delegates and participants are beneficial. Participation certificates were distributed to all the participants.

The photographs of the program are as follows.



**Resource Persons**



**Dr. Manamohan R. Kalgal**  
Technical Advisor  
UltraTech Cements Ltd.



**Mr. M. N. Ramesh**  
Managing Director  
Talrak Construction Chemicals  
Pvt. Ltd., Bangalore



**Mr. G. Hari Prasad Rao**  
South Zonal Head / Technical  
Services, JSW Cements Ltd.

**SREE VIDYANIKETHAN ENGINEERING COLLEGE**  
(Autonomous)  
Sree Sainath Nagar, Tirupati - 517 102  
(Affiliated to JNTUA Anantapuram, Approved by AICTE, Accredited by NBA; NAAC with 'A' Grad)



**A Three Day National Level Online Faculty Development Program on  
'Rehabilitation and Retrofitting of Structures (R<sup>2</sup>S)'**

Organized by  
Department of Civil Engineering

**4 - 6 June, 2020**

10:00 am - 01:00 pm  
03:00 pm - 04:30 pm

**Registration Link**

<https://tinyurl.com/ybux2oq3>

**No Registration Fee**

e-Certificate will be issued  
for all active participants

**Program Outline**

- Condition Assessment of Buildings - Evaluation and Repair Strategies
- Current Concrete NDT Practices in India and Case Studies
- Remedial Engineering Materials for RC Structures - A Performance Based Approach
- Advances in Repair Methodologies/ Practices
- Repair and Rehabilitation of Concrete Structures - Case Studies and Entrepreneurship Opportunities
- Repair of Underwater Concrete Structures
- Durability & Serviceability of Repaired Concrete Structures in Coastal Areas



**Dr. H. Sudarsana Rao**  
Director (ICS)  
JNTU Anantapur



**Dr. K. Balasubramanian**  
Managing Director  
Concrete Quality Concepts  
Pvt. Ltd., Chennai



**Er. P. Srinivasa Reddy**  
Chairman  
ICI - Hyderabad Center



**Dr. Romanbabu Qinam**  
Assistant Professor  
IIT Tirupati

**Chief Patrons**



**Dr. M. Mohan Babu**  
Chairman, SVET



**Sri. Vishnu Manchu**  
CEO, SVET

**Patron**



**Dr. P. C. Krishnamachary**  
Principal, SVEC

**Convener**



**Dr. O. Eswara Reddy**  
HoD and Chairman-BoS  
Dept. of Civil Engineering

**Coordinator**



**Mr. M. S. Yuvaraj**  
Assistant Professor  
Ph No. +91 9122325056

**Organizing Committee**

Mr. V. Prem Kumar  
Mr. M. Gokulnath  
Mr. D. V. Purushotham  
Mr. M. P. Charan Sai

Mr. D. Ashok  
Ms. P. Lakshmi Teja  
Ms. N. Swetha  
Ms. G. Renuka Sai

**Welcome Address by Dr. O. Eswara Reddy, Professor, Head and Chairman-BOS, Dept. of Civil Engineering, SVEC**

## Condition Assessment of Buildings Evaluation & Repair Strategies



mkalgal@gm...



**Dr. M R Kalgal**  
Technical Advisor  
UltraTech Cement Ltd.  
Past President, ICI





**Dr. Manamohan R. Kalgal, Technical Advisor, UltraTech Cements Ltd., delivering a lecture on "Condition Assessment of Buildings-Evaluation & Repair Strategies"**

**UNDER WATER REPAIR OF CONCRETE**



**Prof. H. SUDARSANARAO**  
Civil Engineering Department  
JNTUA, ANANTAPUR



*Dr. H. Sudarsana Rao, Director (ICS), JNTUA Anantapur, delivering a lecture on "Underwater Repair of Concrete"*

**Remedial Engineering  
Materials for r c structures –  
Performance Based  
Approach**

M N Ramesh  
Managing Director  
Talrak Construction Chemicals Pvt. Ltd.  
Bangalore 560 061 [www.talrak.co.in](http://www.talrak.co.in)



*Mr. M. N. Ramesh, Managing Director, Talrak Construction Chemicals Pvt. Ltd., Bangalore, delivering a lecture on "Remedial Engineering Materials for R C Structures – Performance Based Approach"*



## Current Concrete NDT Practices in India & Case Studies

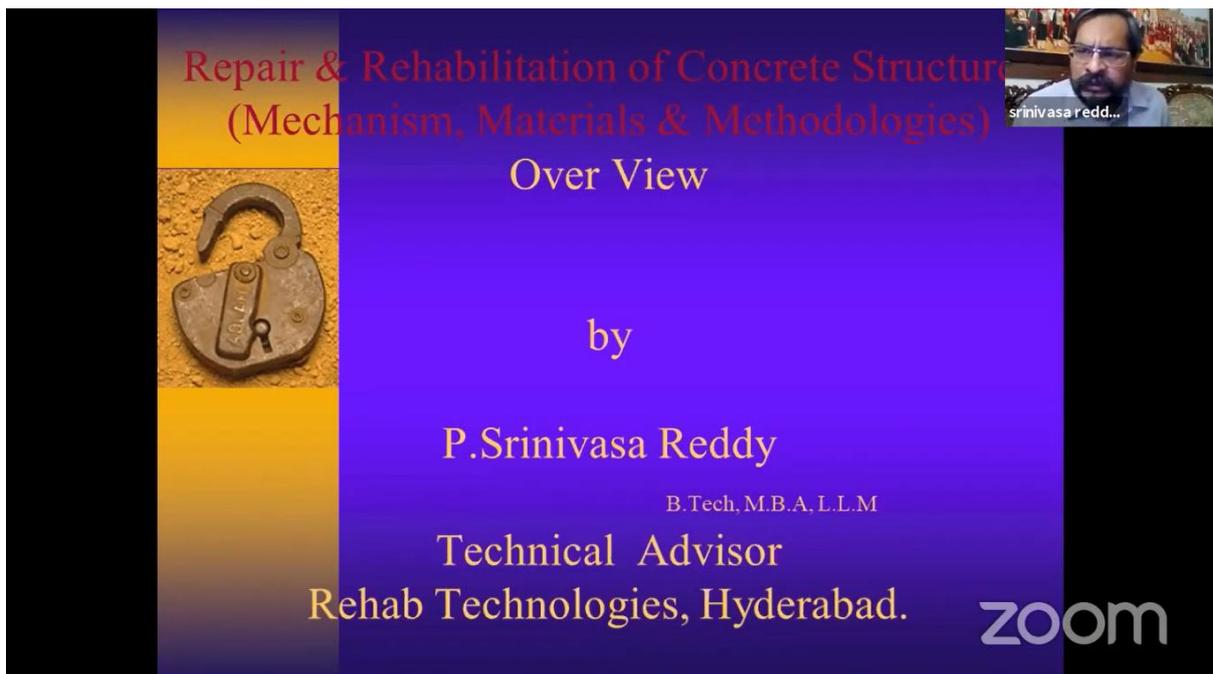


Dr K. BALASUBRAMANIAN  
Managing Director  
Hitech Concrete Solutions Chennai Pvt Ltd

Building Concrete Relationship



*Dr. K. Balasubramanian, Managing Director, Hitech Concrete Solutions Pvt. Ltd., Chennai, delivering a lecture on "Current Concrete NDT Practices in India"*



## Repair & Rehabilitation of Concrete Structures (Mechanism, Materials & Methodologies)

### Over View

by

**P.Srinivasa Reddy**  
B.Tech, M.B.A, L.L.M  
Technical Advisor  
Rehab Technologies, Hyderabad.



*Er. P. Srinivasa Reddy, Chairman, ICI – Hyderabad Centre, delivering a lecture on "Repair & Rehabilitation of Concrete Structures"*

## Advances in Repair, Rehabilitation and Retrofitting Methodologies/ Practices

**Dr. Romanbabu Oinam**  
Assistant Professor



Department of Civil & Environmental  
Engineering

Indian Institute of Technology Tirupati



*Dr. Romanbabu Oinam, Assistant Professor, IIT Tirupati, delivering a lecture on "Advances in Repair, Rehabilitation and Retrofitting Methodologies"*

## DURABLE & SUSTAINABLE CONCRETE -A GLOBAL CHALLENGE



*Mr. G. Hari Prasad Rao, South Zonal Head/Technical Services, JSW Cements Ltd., Hyderabad, delivering a lecture on "Durable & Sustainable Concrete"*