

# K.S. School of Engineering & Management

15, Mallasandra, off Kanakapura Road,  
Bangalore – 560109



[www.kssem.edu.in](http://www.kssem.edu.in)

## Department of Civil Engineering

Organizes

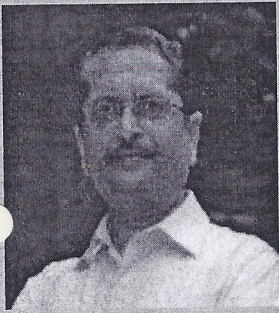
TECHNICAL LECTURE ON

**“Application of Precast and  
Prestressed concrete in Building and  
Infrastructure Sector”**

*(For Final Year UG and PG students)*

**BY Dr. Manamohan Kalgal**

Past Secretary General, ACCE(I), Past President, ICI  
Technical Advisor  
(Ultra Tech Cement Ltd), Bangalore



**ABOUT SPEAKER:** Dr. Manamohan Kalgal, has spent more than 20 years in teaching, research and consultancy. Presently Jt. President & Head, Technical Services at UltraTech Cement Ltd and heading Technical Services - A team of more than 800 engineers (on roll + Off roll) engaged in Quality Enhancement of Constructions in housing sector, dissemination of information on good construction practices, training of masons and monitoring of cement quality. Dr.Kalgal is involved in several professional bodies like ICI, ACCE and Asian Concrete Federation.

**ON Tuesday, 19<sup>TH</sup> April 2022**

Lecture time: 10.AM

Venue: Civil Seminar Hall

**Patrons:** Dr. K. Rama Narasimha  
Principal  
K.S.S.E.M

Dr.VijayaLakshmi Akella  
Professor & Head  
Department of Civil Engineering  
K.S.S.E.M

**Coordinators:** Mr.Naveena M.P  
Assistant Professor  
Department of Civil Engineering  
KSSEM, Bangalore

Mrs. Sushma M  
Assistant Professor  
Department of Civil Engineering  
KSSEM, Bangalore

## Report on Technical Seminar

**Title:-**“Application of Precast and Pre-stressed concrete in Building and Infrastructure Sector”

**Date:** - 19-04-2022

**Venue:** Architecture Seminar Hall ,KSSEA, Bangalore is conducting technical talk for final year Civil Engineering UG and PG students

**Participant's Profile :** Final year Civil Engineering UG and PG students

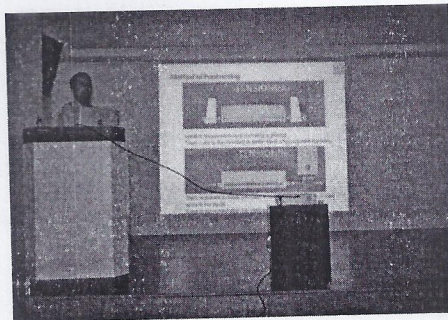
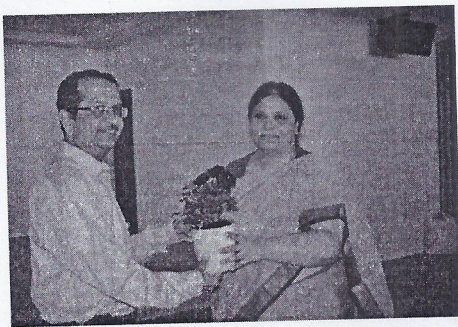
### Description about the Program

**About Speaker :**Dr.Manamohan Kalgal, Presently Jt. President & Head, Technical Services at UltraTech Cement Ltd and heading Technical Services - A team of more than 800 engineers(on roll + Off roll) engaged in Quality Enhancement of Constructions in housing sector.Dr.Kalgal is involved in several professional bodies like ICI, ACCE and Asian Concrete Federation.

The speaker has given technical talk on **Application of Precast and Pre-stressed concrete in Building and Infrastructure Sector**. Precast concrete systems combine structural and architectural components to create long-lasting buildings and structures. From high-rise office buildings to landmark bridges, parking structures to correctional facilities, stadiums to schools—even in high seismic zones—precast concrete can achieve safe, beautiful, and durable results.

The speaker also explained about how concrete wall systems, precast offers high durability and strength as well as thermal mass, which contributes to increased energy efficiency. Precast systems use locally derived materials, and can incorporate recycled supplementary cementitious materials like fly ash and slag cement, one of the key reasons why they are often used in sustainable or “green” buildings.

Photos



*W. K. Kelle*

Head of the Department

Professor & Head  
Dept. of Civil Engineering  
K.S. Group of Institutions  
K.S. School of Engineering & Management  
Bangalore-560 062.