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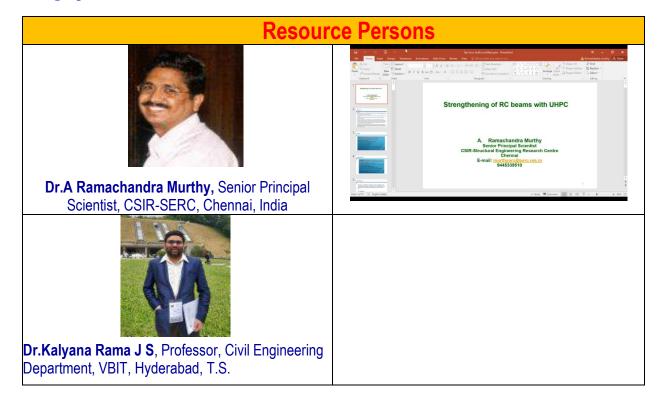
Department of Civil Engineering

ONLINE WEBINAR REPORT ON

SPECIAL CONCRETES FOR 21st CENTURY- A RESEARCH PERSPECTIVE AND DEVELOPMENT OF ULTRAHIGH PERFORMANCE CONCRETE

Event Type	Online Webinar through Microsoft Teams
Date / Duration	07.02.2021
Resource Persons	Dr.A. Ramachandra Murthy, Senior Principal Scientist, CSIR-SERC, Chennai, India Dr.Kalyana Rama J S, Professor, Civil Engineering Department, VBIT, Hyderabad, T.S.
Name of the	Dr.J.Venkateswara Rao, Professor
Coordinator	
Target Audience	Faculty members of Civil, Research scholars and Industry personnel working in the
	concerned/allied areas of Engineering
Total no of	
Participants	
Objective of the	The webinar is aimed at a research perspective on special concretes for 21st century
event	with specific interest on Ultrahigh Performance Concrete
Outcome of event	Webinar will enable the Participants to
	Understand the factors to be considered while proportioning of special concretes
	Visualize the scope for the applications of UHPC as a repairing material
Feedback /	•
Suggestions	

Photographs



REPORT

An online webinar on "SPECIAL CONCRETES FOR 21st CENTURY- A RESEARCH PERSPECTIVE AND DEVELOPMENT OF ULTRAHIGH PERFORMANCE CONCRETE" is organized by Civil Engineering Department on 07 th February 2021 at 10.30 AM with Dr.A Ramachandra Murthy, Senior Principal Scientist, CSIR-SERC, Chennai and Dr.Kalyana Rama J S, Professor, Civil Engineering Department, VBIT, Hyderabad are acted as Resource Persons. The content discussed during webinar as follows:

- Development of Ultrahigh Performance Concrete (UHPC)
- Application of UHPC to repair and retrofitting of RC beams
- Role of rheology in proportioning concrete mixes
- Role of chemistry in proportioning cementless concrete mixes

Webinar enabled participants to identify the scope of UHPC as a repair and retrofit material in RCC members. It also provided an understanding of mix proportion consideration in alkali activated concrete.