



# RISE KRISHNA SAI PRAKASAM GROUP OF INSTITUTIONS

(Approved by AICTE-NEW DELHI, Affiliated to JNTUK KAKINADA)

(An ISO 9001:2015 certified Institute, NBA accredited for B.Tech. in CE, EEE, ME and ECE)

NH-16, Valluru,-523272, Ongole, Prakasam District, A.P

## Faculty Development Programme on Sustainable Concrete Technology and its Construction (July 1-6, 2021)

**RISE Krishna Sai Prakasam Group of Institutions**  
( Approved by AICTE, New Delhi, Affiliated to JNTUK Kakinada & Accredited by "NBA" for B.Tech.in ECE,EEE,CE & ME )  
NH-16, Vallur- 523272, Ongole, Prakasam District, Andhra Pradesh [www.risekrishnasai prakasam.edu.in](http://www.risekrishnasai prakasam.edu.in)  
An ISO 9001:2015 Certified Institute, **Contact:** 99660 54997, 6380021583

**Registration FREE**

**A One-Week National Level Online FDP  
on  
Sustainable Concrete Technology and its Construction**

1 <sup>st</sup> Day (10.30 AM -12.00 PM / 1.30 PM - 3.30 PM)	2-7-21	3 <sup>rd</sup> Day (10.30 AM -12.00 PM / 1.30 PM - 3.30 PM)	3-7-21	5 <sup>th</sup> Day (10.30 AM -12.00 PM / 1.30 PM - 3.30 PM)	5-7-21
An Overview on Precast Construction <b>Dr.K.Baskar</b> Professor of Civil Engineering, NIT Trichy		High Strength and High Performance Concrete <b>Dr.S.SenthamilKumar</b> Professor of Civil Engineering, Periyar Maniammai Institute of Science and Technology Vallam, Thanjavur		Potential Applications of FRP Composites for a Sustainable Built Environment <b>Dr.J.Revathi</b> Professor of Civil Engineering, B.S.Abdur Rahman, Crescent Institute of Science and Technology, Vandalur, Chennai	
Controlled Low Strength Material for Sustainable Construction <b>Dr.V.Revathi</b> Professor & Head of Civil Engineering, K.S.R College of Engg. Tiruchengode	2-7-21	Recent Trends in Light Weight Concrete <b>Dr.S.SenthamilKumar</b> Professor of Civil Engineering, Periyar Maniammai Institute of Science and Technology Vallam, Thanjavur	4-7-21	Ecofriendly Concrete for Sustainable Future <b>Dr. P. Gajalakshmi</b> Professor of Civil Engineering, B.S.Abdur Rahman, Crescent Institute of Science and Technology, Vandalur, Chennai	6-7-21

**Organized by Department of Civil Engineering**

Co-Ordinator  
**Dr. R Karthikeyan**  
Assoc.Prof.

Patron  
**Mr. N Siva Prasad Rao**  
Assoc.Prof. & HoD.

Chief Patron  
**Dr. AV Bhaskara Rao**  
Principal

### Summary of all the sessions

This program aimed to train the faculty from diverse fields to meet the contemporary demands of the job of a proficient teacher. The purpose of the programme was to provide a better understanding of various techniques of construction material has been used in sites that will help college teachers to enhance the teaching-learning process and to be competent in making full use of the benefits of several information and communication technologies in their classroom teachings. At the same time, the knowledge of how to secure the information, which is now more vulnerable, was also conveyed through this program. Yet it is not possible to share the knowledge on the wide domain of concrete technology and precast construction in a workshop, but the topics discussed by our resource persons have helped the participants to give new dimensions to their teaching methods.

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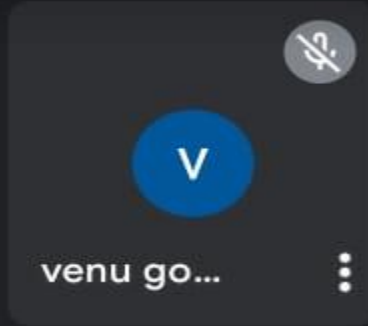
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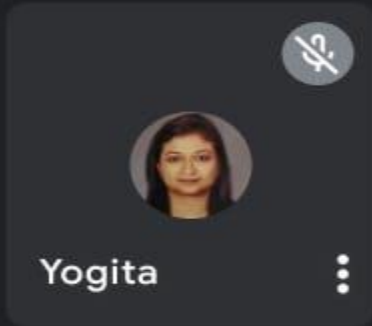
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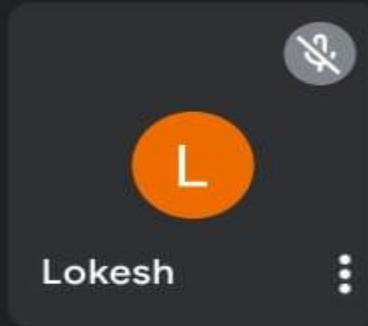
Baskar



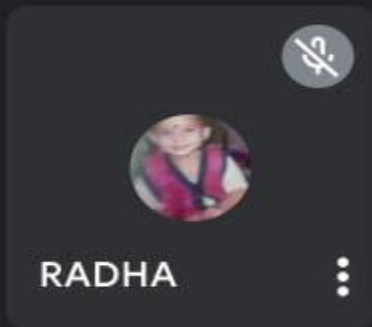
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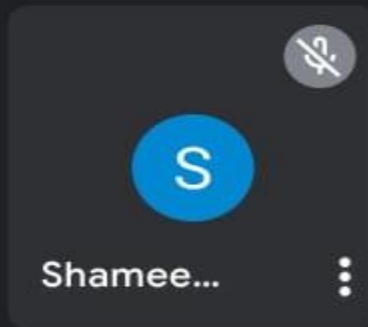
Yogita



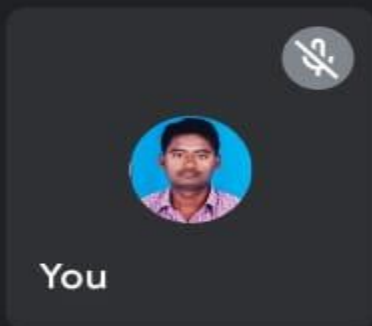
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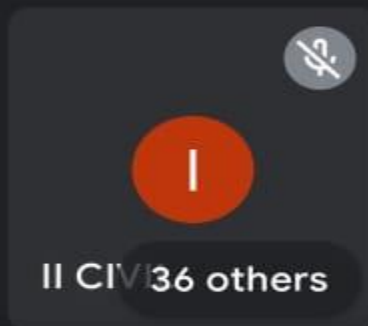
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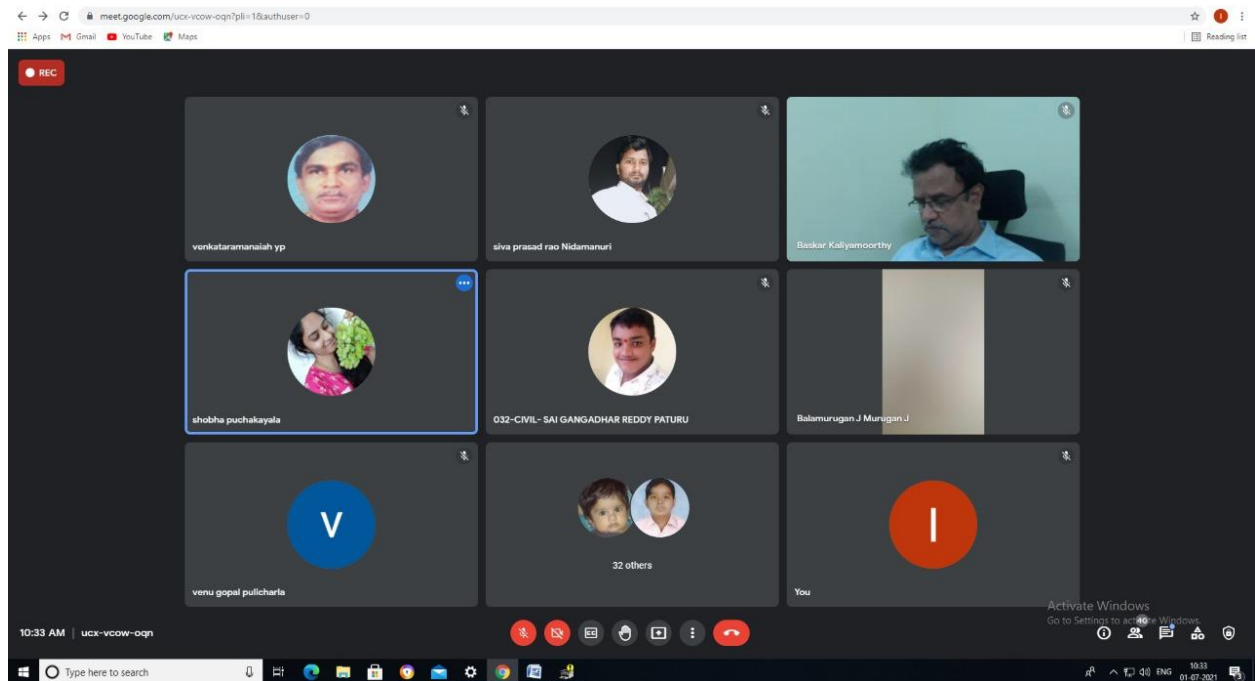
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The faculty development programme on Sustainable Concrete Technology and its Construction was inaugurated by Dr.A.V.Bhaskara Rao , Principal & Director of RPRA and Resource Person Prof.Dr.K.Baskar from NIT (Thiruchy) on 1<sup>st</sup> July 2021 session 1 &2 were provided interesting ways through which modern trend of concrete materials have been used in construction industry. He also emphasized on the use of green technology for the benefit of both mankind and environment.



On 2<sup>nd</sup> July 2021 session 1 &2 were taken by Dr.V.Revathy.She highlighted the Application of controlled low strength material for sustainable construction with the help of various examples.

On 3<sup>rd</sup> July 2021, session 1 &2 Dr.S.Senthamil Kumar , Professor, Periyar Maniyemmai Institute of Science and Technology.Tanjore. who is Professor in Periyar had two sessions on how to design the high strength concrete as per IS.Codal provision, which essentially means making high strength concrete in the Research Project.

On 4<sup>nd</sup> July 2021 session 1 & 2 Dr. S.Senthamil Kumar Maniyemmai Institute of Science and Technology.Tanjore. He highlighted the difference between the High strength concrete and High Performance Concrete.



Profile 1

On 5<sup>nd</sup> July session 1 &2 were taken by Dr.J.Revathy ,Professor, B.S.Abdul Rahman University, Chennai. She explained potential application of FRP Composites in a very erudite manner. She started with the basics of FRP concrete like characteristics of FRP and comparison between FRP and Rebar. Gradually, she moved towards the advanced Application of FRP Composites. She also shared her great knowledge on FRP Composites. Dr.Gajalakshmi Professor, B.S.Abdul Rahman University, Chennai.

She took the 1st and 2nd sessions on 6<sup>th</sup> July 2019 on Eco friendly concrete which started to enhance learning to varieties of eco friendly concrete. She quoted strength and serviceability of eco –friendly concrete. He also emphasized that for EFC should be used all types of construction sectors.