



National Institute of Technology Srinagar  
Jammu and Kashmir

Department of Civil Engineering

June 2<sup>nd</sup> 2026

9am To 5pm

# 1 DAY

Workshop On  
**ADVANCES IN CONCRETE SCIENCE AND TECHNOLOGY**



## About The Workshop

Cement and concrete play a crucial role in India's infrastructure development by supporting urbanisation, transportation systems, housing, and industrial growth. However, the cement and concrete sector is highly energy-intensive and contributes significantly to global carbon emissions. In alignment with India's climate commitments and sustainability goals, it is essential to adopt environmentally responsible practices throughout the entire lifecycle of construction materials, from raw material production and mix design to construction practices, durability considerations, and end-of-life management. The Department of Civil Engineering at National Institute of Technology (NIT) Srinagar, in collaboration with professional bodies and industry partners, is organising a one-day workshop on **Advances in Concrete Science and Technology**. The workshop will include expert lectures and discussions focusing on low-carbon construction materials, alternative binders, supplementary cementitious materials, performance-based standards, durability-oriented design approaches, and policy initiatives that support sustainable infrastructure.



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Our Proud Sponsors



Centre of Excellence on  
Technologies for  
Low Carbon & Lean  
Construction



## Who Should Attend

- ★ Civil engineers and construction professionals.
- ★ Cement and concrete industry practitioners.
- ★ Academicians, researchers, and research scholars.
- ★ Postgraduate and senior undergraduate students in civil engineering and related disciplines.

Participants Type		Registration Fee (inclusive of GST)
<b>INDUSTRY</b>	Practicing Engineers	Rs. 1200
<b>ACADEMIA</b>	Scientists, Faculty, etc	Rs. 1000
<b>ACADEMIA</b>	Research Scholars and Students	Rs. 700

## For registration

<https://forms.gle/2Y5t4y2YHMY2uyQE8>

SCAN ME



Coordinator



**Dr Shakeel Waseem**  
(Assistant Professor)  
NIT Srinagar

## ★ NOTE

Once the registration is completed, a confirmation email must be sent to 2023nitsgr399@nitsri.ac.in along with the payment receipt.



**Dr. V. Ramachandra**  
ICI President



**Prof. Ravindra Gettu**  
IIT Madras



**Dr. Deepak Kamde**  
IIT Delhi



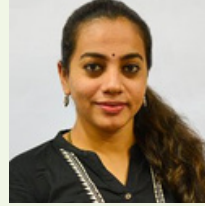
**Dr. Keerthana Kirupakaran**  
IIT Madras



**Dr. Siva Teja Chopperla**  
IIT Gandhinagar



**Dr. Vivek Samu**  
IIT Madras



**Dr. Anusha S Basvaraj**  
IIT Jodhpur



**Dr. Fayaz Ahmad Sofi**  
NIT Srinagar

OUR  
SPEAKERS

## FINAL SCHEDULE

09:00-09:30 am	<b>Registration</b>	
09:30-10:00 am	Inaugural function	Welcome by Director/Dean R&D/HOD
10:00-10:30 am	Dr V. Ramachandra, ICI President/Ultratech Cements Ltd.	Towards Net Zero Concrete Construction: Indian Industry Perspective
10:30-11:00 am	Dr Fayaz Ahmad Sofi, NIT Srinagar	Revitalising Compressive Strength of Rubberised Concrete by Sandwiching between FRP and Steel Tubular-Skins: An Experimental and Numerical Study
11:00-11:20 am	<b>Coffee/ Tea Break</b>	
11:20-11:40 pm	Dr Vivek Samu, IIT Madras	Looking Beneath the Surface: NDE for Concrete Structures
11:40-12:00 pm	Dr Deepak Kamde, IIT Delhi	Corrosion and its Control in Reinforced Concrete Structures
12:00-12:20 pm	Dr Keerthana Kirupakaran, IIT Madras	Advanced Concrete Composites for Sustainable Construction: Fiber and Textile Reinforced Concrete
12:20-02:00 pm	<b>Lunch</b>	
02:00-02:30 pm	<b>Poster Presentation</b>	
02:30-02:50 pm	Dr Anusha S. Basavaraj, IIT Jodhpur	Intricacies in the Life Cycle Assessment of Construction Materials
02:50-03:10 pm	Dr Siva Teja Chopperla, IIT Gandhinagar	Alternative SCMs for Low-Carbon Concrete
03:10-03:30 pm	<b>Coffee/ Tea Break</b>	
03:30-04:15 pm	Prof Ravindra Gettu, IIT Madras	Engineering Low-Carbon Concrete without the 'Hype': IIT Madras Experience
04:15-04:30 pm	Concluding Remarks	Felicitation of Esteemed Speakers



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## POSTER TEMPLATE

Institute/  
Organization  
logo

Paper Title

Author name  
Author affiliation



Department of Civil  
Engineering

2<sup>nd</sup> June 2026

- Size of the poster: A1
- Please submit a coloured poster.
- Maintain a logical flow and organisation of content.
- Use columns or sections to guide the reader through the poster.
- Use high-quality images, graphs and charts.
- Keep text concise and use bullet points.
- Use a readable font size, and avoid overcrowding the poster with information.
- Include key references or sources supporting your research.
- Acknowledge funding sources, collaborators, or mentors.

For **registration**

<https://forms.gle/2Y5t4y2YHMY2uyQE8>

SCAN ME



### ★ NOTE

For any queries, you can contact  
Office Civil Department, NIT Srinagar, J&K  
Or send an email to 2023nitsgr399@nitsri.ac.in.