

# Pre-Cast Concrete Construction Jaipur Metro Experience

**Guest lecturer :** Dr. Anurag Misra, Professor at IIT Jammu

**Organizer :** The Indian Concrete Institute (ICI), J&K Centre

**Event Date :** 15 MARCH 2024

**Venue :** Lecture Hall 5

**Faculty Present :** Dr. Falak Zahoor, Dr. Parmeshwar, Dr. Karthik Dasari,  
Dr. Sagadevan, Prof. Javed Ahamd Bhat(HOD), Prof. B.A. Mir

**ICI Representative :** Mr. Asrar

## **Event Day**

The Civil Engineering Students' Association (CESA) organized a seminar featuring guest lecturer Dr. Anurag Misra, Professor at IIT Jammu, who shared insights into precast concrete construction drawing from his experience as a consultant for the Jaipur metro project. The event was generously sponsored by Ultratech cement under the esteemed banner of ICI(Indian Concrete Institute) and CESA extended it's heartfelt thanks to the open-handed sponsors. Attended by students and faculty members, the session commenced with a welcome address from the Head of Department followed by an in-depth exploration of precast concrete and its various elements. Dr. Misra highlighted the economic advantages of precast concrete and detailed its application in the Jaipur metro including the unique design concepts employed such as integrating flyovers and metro lines on a single pier—a first in India. Notably, 8 out of 9 metro stations utilized precast concrete elements showcasing its efficiency. The presentation delved into segment erection techniques, emphasizing the method's speed and suitability for repetitive construction projects. Dr. Misra also underscored the immense scope for innovation within the field. The event concluded with CESA President Hyder Mushtaq expressing gratitude to Dr. Misra. Mementos were then distributed as tokens of appreciation marking the successful conclusion of the seminar. Overall, the seminar provided valuable insights into precast concrete construction methods and their practical application in large-scale infrastructure projects. CESA aspires to organize similar events, upholding a high level of professionalism each time.



**NATIONAL INSTITUTE OF TECHNOLOGY  
SRINAGAR**



**Indian Concrete Institute (ICI) J&K Centre**



**ICI IS ORGANIZING**

**A SEMINAR ON THE TOPIC :**

**PRE-CAST CONCRETE CONSTRUCTION -  
JAIPUR METRO EXPERIENCE**



**SPEAKER: DR. ANURAG MISRA**

**PROFESSOR, DEPARTMENT OF CIVIL ENGINEERING  
INDIAN INSTITUTE OF TECHNOLOGY, JAMMU**



**DATE**  
15 March, 2024



**TIME**  
10:30 AM - 12 AM



**LOCATION**  
HI-TECH 5



CESA NIT SGR



cesa@nitsri.ac.in

FOR MORE DETAILS CONTACT : 9980527739,7870666016

## Photographs of the day

