



Department of Civil Engineering
SARANATHAN COLLEGE OF ENGINEERING
Venkateswara Nagar, Panjappur, Tiruchirappalli - 620012

Report of a National WEBINAR on the topic

**“Precast Structural Systems – An Insight”
[25-07-2020]**

An National Webinar was organized by the Department of Civil Engineering, Saranathan College of Engineering in association with Indian Concrete Institute (ICI) Trichy Centre on the topic **“Precast Structural Systems – An Insight”**.

The session was started at 4.00 p.m. on 25th July 2020 in Google Meet App. Around 81 members were attended the session. The webinar started with the felicitation of the Head of the Department Dr.G. Dhanalakshmi and welcomed by Civil Engineering Students Association Member Ms. R. Vaishali. Student Member Ms. S. Rishi Bharathi introduced the Expert. Then the session was initiated by the Expert:

Er. S. Sathiyaseelan, M.Tech., C.Engg., (Ph.D.)

Principal Structural Manager & Head-Technical

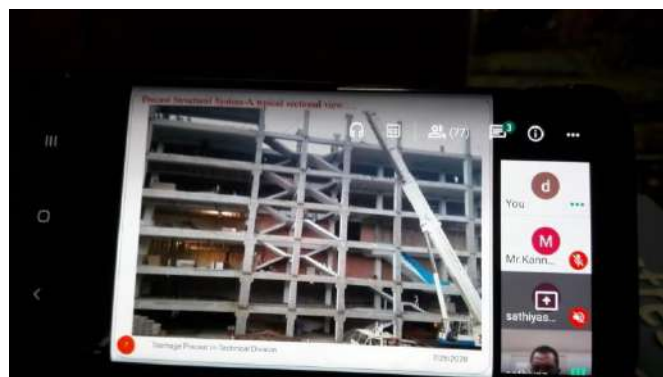
TEEMAGE PRECAST - India

The Expert started the session with a video of his Company Teemage Precast Industry-Tirupur and showed the production process of precast elements. He explained the entire process side by side. It grew very interesting as he started explaining. He elucidated about the process of casting and also about how electric wires are concealed in the walls during casting. He then spoke about the pros and cons of precast structural system. Many other topics like Beam-column erection, Hollow Core slab erection and Shear wall panel erection were also explained with an excellent videos. Seeing the process visually made a

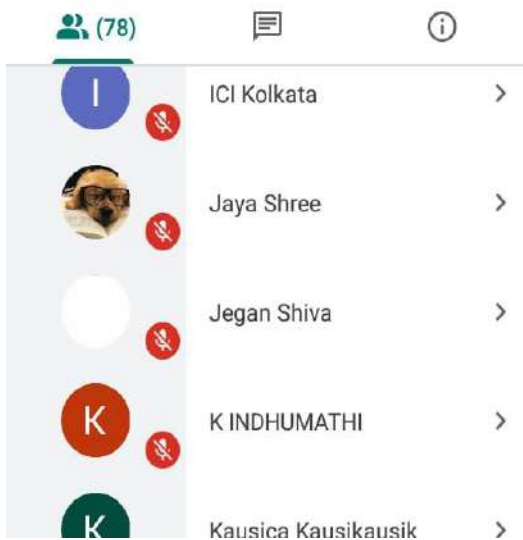
major impact on us. It has provided insight and a basic understanding of the topic on how the process is carried out. He also explained about his real time Projects like “The Chennai silks” Velachery, Teemage Design Office at Kanchipuram, Ishan foundation-Coimbatore, IREO REALTORS Pvt. Ltd., Gurugram, Tamilnadu Slum Clearance Board Chennai, Launch View Gallery at ISRO, Hyderabad. He told about the number of days required for the completion of the work and the problems faced during the process which would be so helpful for the students in future. It was a spellbinding session having been learnt a new topic in such a detailed manner. There was a query session arranged for the participants to confess their doubts regarding the topic. Then the session ended with a vote of thanks by the Association member Ms. Raseena Nilofer.



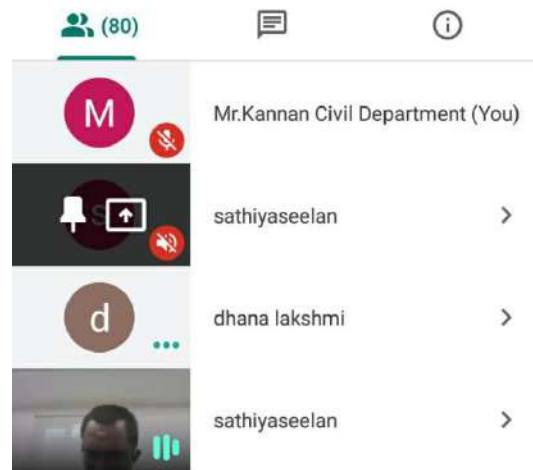
Erection Zone - Layout



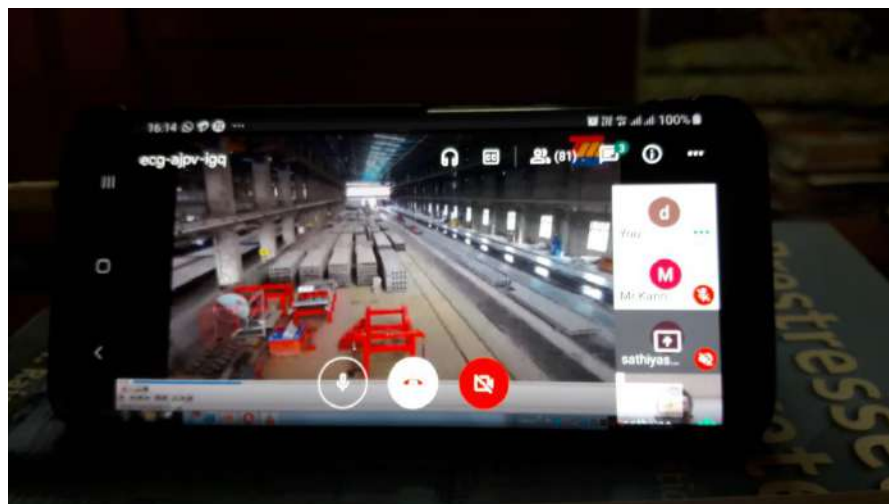
Erecting Precast Elements



Barbending Work



Hollow Core Slab



Production Factory



Chennai Silks – Velachery – Precast Construction



Teemage Precast - Design Office