



Department of Civil Engineering
SCMS School of Engineering and Technology (SSET)
Vidya Nagar, Palissery, Karukutty,
Ernakulam - 683 576, Kerala.

WEBINAR
3

BONDED POST TENSION SLABS

Er. Madhu Sethumadhavan
Project Manager
Colliers International



3.30 PM to 4.30PM

2nd May 2020

Join for the webinar at 3.15 PM to avoid last minute hassles.

Webinar open for students of SSET only.

Admin: Ms. Aswini J, Assistant Professor, Department of CE



SSET Student Chapter



IGBC



SCMS School of Engineering and Technology
Department of Civil Engineering

REPORT ON WEBINAR ON BONDED POST-TENSION SLABS

Date: 02nd May, 2020

Er. Madhu Sethumadhavan, Project Manager, Colliers International detailed on Post tension bonded systems used in bridges and buildings as a part of webinar organized by the Department of Civil Engineering on 2nd May, 2020 at 3:30pm. The session held through ZOOM platform was attended by almost 25 participants, including students and faculty of the department.

The session started with an introduction to the concept of post tensioning where he discussed its principle and made a comparison of the same with conventional techniques. Post tension bonded systems are used in bridges and buildings as they allow for flat slabs eliminating the need of drop beams and increasing the span length while staying more economical than conventional systems. He also briefed on components and various types of post-tensioning. The systems of post-tensioning were well explained with figures. The advantages and disadvantages of the system was also pointed out in the webinar. The talk was quite interesting as he added certain animation videos to explain the post tensioning system.

At the end of session, the participants had an interaction with the resource person. The webinar enlightened the attendees in understanding the importance of adapting this technique in construction.

Glimpses of the Webinar:

