08/05/2021

DEPARTMENT OF CIVIL ENGINEERING

A Report on

Webinar on "Introduction to the concepts and systems of Prestressing"

The Department of Civil Engineering had conducted a Webinar for Civil Engineering III & IV Year Students on 07/05/2021 entitled "Introduction to the concepts and systems of Prestressing". The speaker was Mr Pavan Patchigolla, Principal Structural Engineer, Possibuild Building Technologies, Hyderabad.

The webinar was conducted through Zoom Platform, commenced at 02:00 PM. Incharge HoD Mrs P. Kameswari greeted the speaker and Mr S. Hemanth Sai, Asst Professor started the session with a brief introduction & importance of the webinar for the students. Y. Akshitha of III Year Civil Engg had presented a brief note on the speaker. The Civil Engineering faculty also joined the session.

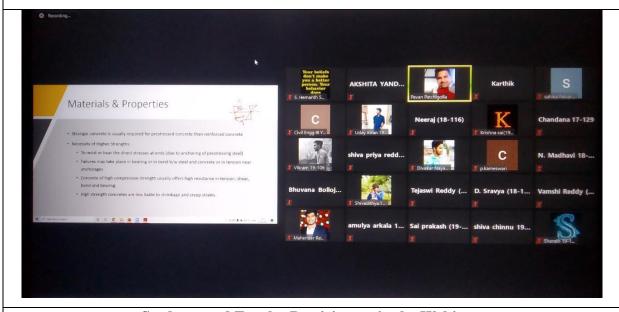
The speaker had started the session with a note on Concrete structures and its development till the present trends. He told that prestressed and precasted technology is gaining popularity in the recent times which saves the time of the execution of the work and thereby increases the speed of construction mainly in huge constructions like bridges, culverts, multi storey buildings, etc..

The speaker had shown pictures of the different structures. In the session, importance of the prestressing and the behavior of bending theory and elastic theory are explained. Different types of Prestressing techniques which includes Lee McCall System, Gifford Udall System, Freyssinet Method is explained briefly with examples.

The speaker had also discussed with the students to their queries and assured that he would help in future for the development of the students. At last, incharge HoD thanked the speaker for sparing his valuable time and sharing the knowledge to the students.



Speaker presenting the Introduction of the Webinar's topic



Students and Faculty Participants in the Webinar