

28. Alkali Activated Concrete

Department of Civil Engineering, JSS Academy of Technical Education, Bengaluru organized Alumni interaction through virtual mode on **29th June 2021** from 10:00AM to 11:00 AM on the topic of **Alkali Activated Concrete**.

The event started at 10.00AM with the welcome address by Dr. Santosh B S, HOD, Dept. of Civil Engineering, JSSATE-Bengaluru, gave a welcome address. Prof Rashmi S.M introduced the speaker Ms Swathi Shantaraju to the audience (All students of Civil Engineering).

About the Speaker - Ms Swathi Shantaraju – Research Scholar University of Miami, Florida, USA

The speaker then started with the talk planned for the students, the basic questions were asked by the speakers to the students before the commencement of the actual talk related to concrete. The main contents shared during the vent are as follows.

- Explained the students some basic concepts related to concrete like concept of conventional concrete, cement composition, hydration of cement and supplementary cementitious material.
- Then moved on to the actual topic of the day - Alkali Activated Concrete
- Explained the students about the necessity of Alkali Activated materials.
- Explained the concept of production of Alkali Activated materials.
- Explained the concept of composition of Alkali Activated materials.
- Explained the difference between geo polymers and Alkali Activated materials.
- Explained the advantages of Alkali Activated materials.

The session was then open for the interaction between the speaker and the students; series of questions were asked by the students, they interacted with the speaker and cleared their doubts. Interaction was then followed between the speaker, other alumni representatives and the faculty members of the department. Dr.Santhosh B.S and Mr.Varun G.R (Alumni) shared the information related to formation of Civil Engineering Association (CEA), preparations for the inaugural of the same.

Then the function was followed by the vote of thanks by Prof Rashmi S.M,

Photographs of the event

