

GUEST LECTURE ON STRUCTURAL DESIGN DATED: 15.03.2016

Name of the Guest Lecturer: **Engr. Sandesh Patil** (Structural Designer)
Firm Name: **S.P. Consultants, Balewadi, Pune.**

A Guest lecture was organized on Structural Design for Second year B. Arch students for our college on 15.03.2016, Timing – 1:00-3:00 pm. The Guest Lecturer for above event was

Engr. Sandesh Patil, who is a Practicing **Structural Designer**, representing his Firm-

S.P. Consultants, at Balewadi, Pune, since last 8 years.

Engineer Sandesh Patil, introduced him to the students and explained them his profile. Then he discussed the topics, RCC and Structural Steel in detail with the students, explaining them the importance and preference for RCC structures in today's fast life. He explained students various type of Concrete mix and their ratios, grades, etc. He discussed all the components' of a RCC framed structure with students, various type of Steel structures used, its design and the information regarding the compressive and tensile members of trusses and their load transfer process, it was also an interacting session, between the students and the Guest Lecturer.

Further the Guest Lecturer shared his site works with students, explaining them how various types of RCC members are designed, and what are the things that should be checked, by an Architect when he visits the site.

A rapid fire questionnaire, from the students regarding their queries on RCC and Structural steel were answered by Mr. Patil with sketches and images for the same.