



TECHZINE-2015

JANUARY 2015 to December 2015

VISION OF DEPARTMENT

To develop good quality education to students mould them into good civil engineers who will work towards the welfare of the society and mankind.

MISSION OF DEPARTMENT

1. To impart quality education to students to understand the various aspects of civil engineering.
2. To prepare the students to be employable and face the challenges of the industry successfully
3. To encourage researchers to pursue and carry out extensive research and development work in civil engineering

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Bridge Designing workshop



The two-day workshop was conducted in the month of February to acquaint the students with the bridge design principles and designing the bridge using software. The students were also trained to analyse, fabricate and maximum load carrying capacity of a bridge model which they had designed.

Outcome of the Workshop:

48 students (9 groups) participated in the work shop

All the groups were successfully fabricated the bridge

The group which designed the most stable bridge was selected for the national level design competition, which is held at Mumbai.

-Priyanka 7th sem student



Student's skill development programme



To enhance the practical knowledge of students in the month of March a skill development programme was conducted at Poorvankara project works Begur in the month of March 2015 for Eighth semester students. The objective of the programme was To provide hands-on experience on civil engineering concepts at field. To improve the communication skills, work ethics. Ability to direct individual accomplishments towards organizational objectives.

-Prof. S. Kumar

Seminar

A seminar on "Technical approach towards energy conservation" was organised in the month of April. The seminar was delivered by Dr. Shashishankar, Jain university, Banglore.

The objective of the program was

Replacement of sand by quarry dust in concrete - Core objective of the project is to find the alternative building material over conventional one.

Evaluation of engineering properties of Geo-polymer concrete - Aim of this project is to conserve the natural resources by incorporate fly ash - concrete as an alternative building material, without the usage of Portland cement.

Development of No aggregate concrete - Aim of this project is to develop an alternative building material by incorporating waste materials like Fly ash, GGBS and silica fume etc., activating the compositions with gypsum and lime.

-Prof. S. Kumar