GUSEST LECTURE

Topic:

"An interactive session on Academia and industry collaboration in civil engineering"

Date:

06/08/2015, between the time 9:00am to 1:00pm

Guest:

Shri D V Bahavanna rao, Rtd, Chief Engineer, R&B Department, Govt. of Andhra Pradesh and Quality consultant to EGIS, India.

Objective:

This session is intended to give the exposure to students to the project environment and to enrich his abilities to implement what he learn during his academics to the real time project scenarios.

About guest:

- The guest is highly qualified and had rich knowledge in the highway construction.
- He prepared "**Hand book for Highway Engineers**", which was useful for all field engineers. Several engineers in India are also using this book.
- He has given keynote lectures at various Engineering Colleges and expert lecture to Indian Space Research Organization at RSIHARIKOTA.
- His article on "**Adverse effects of using natural gravel in Sub base, base and Water Bound Macadam**" was published in the monthly IRC magazine "INDIAN HIGHWAYS" in the month of February 2005 and it was well received and appreciated by one and all.
- His article on **"Steps to improve roads on Black Cotton Soils"** was published in September 2007 issue of New Buildings Materials and Construction World (NBM & CW).

About what he delivered:

The guest was successful in delivering the needful and meeting the objective. He has taken many case studies of highway execution during his tenure at different levels of authority of the department and linked all the engineering characteristics of Materials and their testing which students learn from the academics. It was a perfect blend of academics and industry and definitely would enrich the student's ability to implement the knowledge of academic leanings to the real time project environment.

He also took the concrete technology with a pictorial representation of how the production, mixing, transport and placing the concrete happen in a real project environment and all required tools, plants, machinery and pavers. This has given student a deep insight into visualizing the practical scenario of how concrete production, execution and quality control happen.