

NNRES SCHOOL OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING

GUEST LECTURE ON "STRUCTURAL ENGINEERING & ROLE OF SOFTWARES" – A REPORT

NAME OF THE GUEST : Mr. G. SIVA RAMI REDDY
DESIGNATION : Managing Director, B.P.R Architects & Consultants
DATE OF LECTURE : 4th FEB 2014
TIME : 10:30 AM to 12:30 PM

A guest lecture by Mr. G. Siva Rami Reddy, Managing Director, B.P.R Architects & Consultants on "STRUCTURAL ENGINEERING & ROLE OF SOFTWARES" was delivered on 4th Feb, 2014 for III & IV B.Tech Civil Engineering students. The session started at 10:30 AM with a brief introduction of the guest by Ms. K. Keerthi Manasa, an assistant professor of Civil Engineering department.

He initiated his lecture session with overview of Structural Engineering and his emphasis was more on applications of Structural Engineering. The session was made interactive by thought provoking questions posed by Mr. G. Siva Rami Reddy to the student audience for example what is the need for analysis? For which answers were given by the student audience.

Later speaker has narrated his version of answer as follows, that analysis is carried out to know the bending moment, shear force & deflection of a member for which appropriate design is given.

The session went on by explaining the basic concepts of structural analysis & design. It was also explained how to correlate theoretical knowledge with practicality. Some of the building bye laws and the codes books that a structural engineer has to be aware of were discussed. Examples for improving the thought process as a structural engineer were discussed.

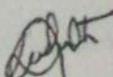
In addition to the above discussion he further discussed an example building modeled and analyzed in Staad pro, with considerations of different types of loads and load combinations as per the IS code. He also discussed about the importance of manual design before learning any software and emphasized on choosing proper software for learning.

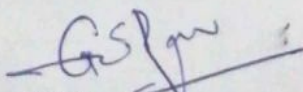
He concluded his session at 12:20 PM by explaining the importance of Structural Engineering by comparing the other major subjects of Civil Engineering and motivated the students to practice more for mastering a subject.

The speaker was honored with a memento by Dr.G.S.Rao, HoD – CE for enlightening the students with his lecture & for sparing his valuable time. The session was terminated at 12:30 PM with vote of thanks given by Ms. K. Keerthi Manasa.

The lecture has proven to be very inspiring & informative for the students.

PS: Prepared by Mr.Dushyanth.V.Babu.R, Asst. Prof.


(Dushyanth.V.Babu.R)

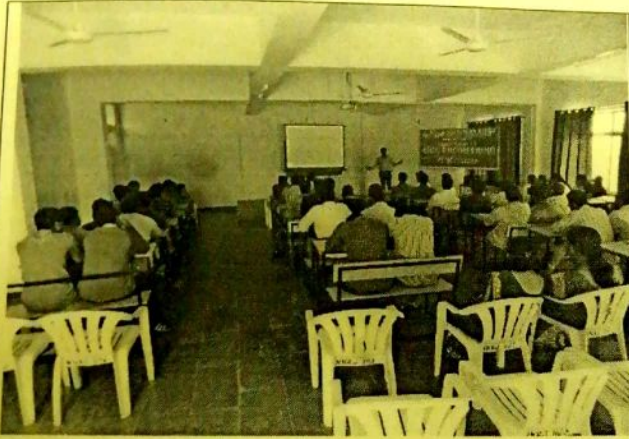

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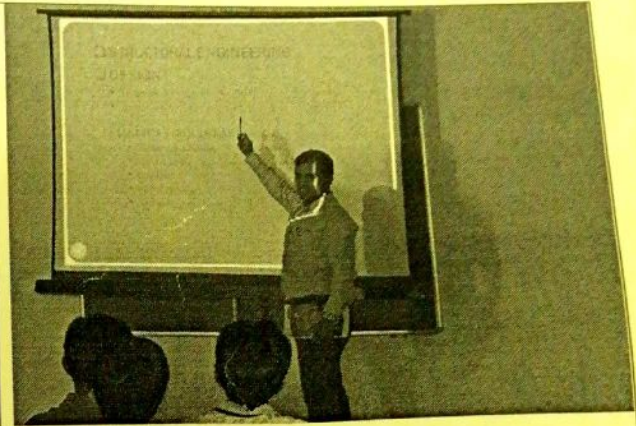
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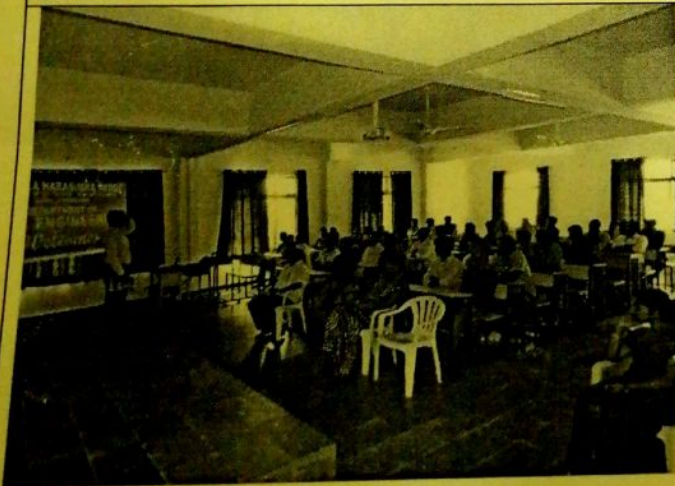
GUEST LECTURE ON 4th Feb 2014



Session started at 10:30 AM



Explanation of Structural design concepts



HoD, Faculty & III, IV yr students at the venue



Presentation of memento by Dr.G.S.Rao, HoD - CE