

SRI ADITYA ENGINEERING COLLEGE

(Approved by AICTE & Affiliated to JNTUK, Kakinada)
Aditya Nagar, ADB Road, Surampalem – 533437

Department of Civil Engineering

Title of the Workshop/Seminar : A ONE DAY WORKSHOP ON "CONSOLIDATING CONCRETE"

Resource Person : Mr. K.C.Patra
Professor, NIT Rourkela.

Date(s) of Workshop/Seminar : 07-05-2015

Aim of Workshop : 1) Understand the basic technology behind self-consolidating concrete
2) Evaluate the price and cost impacts on jobs using self-consolidating Concrete
3) Develop a course of action to begin using self-consolidating concrete

Brief Summary of purpose and aim of Workshop is to be written here

The major advantage of this method is that SCC technology offers the opportunity to minimize or eliminate concrete placement problems in difficult conditions. It avoids having to repeat the same kind of quality control test on concrete, which consumes both time and labor.. Consists of: (i) development of a suitable mix for SCC that would satisfy the requirements of the plastic state; (ii) casting of concrete samples and testing them for compressive strength, shrinkage, water absorption, sulfate resistance. Local aggregates, cement, admixtures and additives produced by the local suppliers were used by in this work. The significance of this work lies in its attempt to provide some performance data of SCC so as to draw attention to the possible use of SCC.

Program Schedule:

Date : 07-05-2015

Session 1: 9:30 -11:15

- Intro to Workshop
- Background of self-compacting concrete
- Construction and Design Issues
- Casting on site

Session 2: 11:15-11:30

- Tea Break

Session 3: 11:30-1:00

- Surface finishing and curing
- Cold joint
- Applications of self-compacting concrete

Session 4: 1:00-2:00

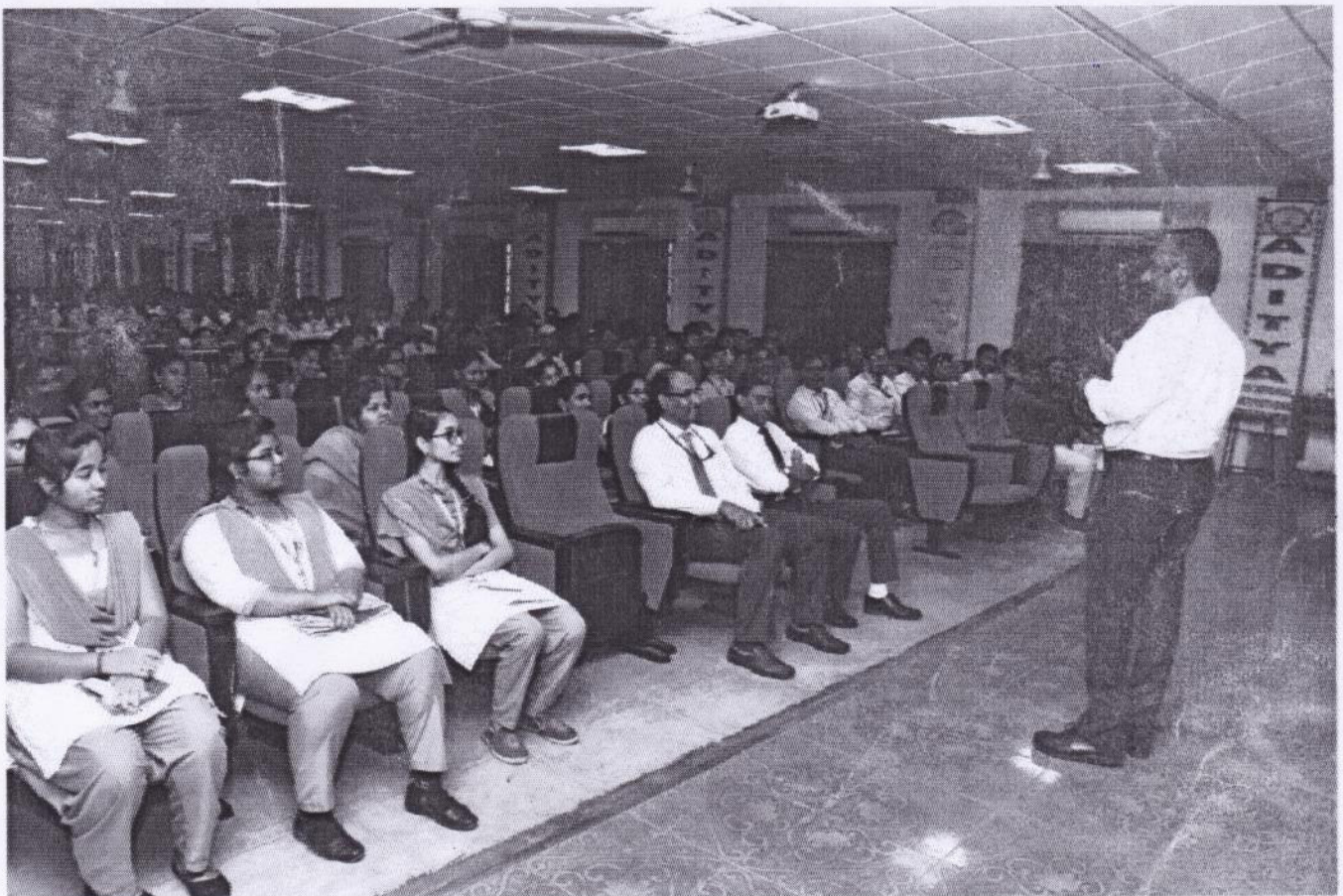
- Lunch

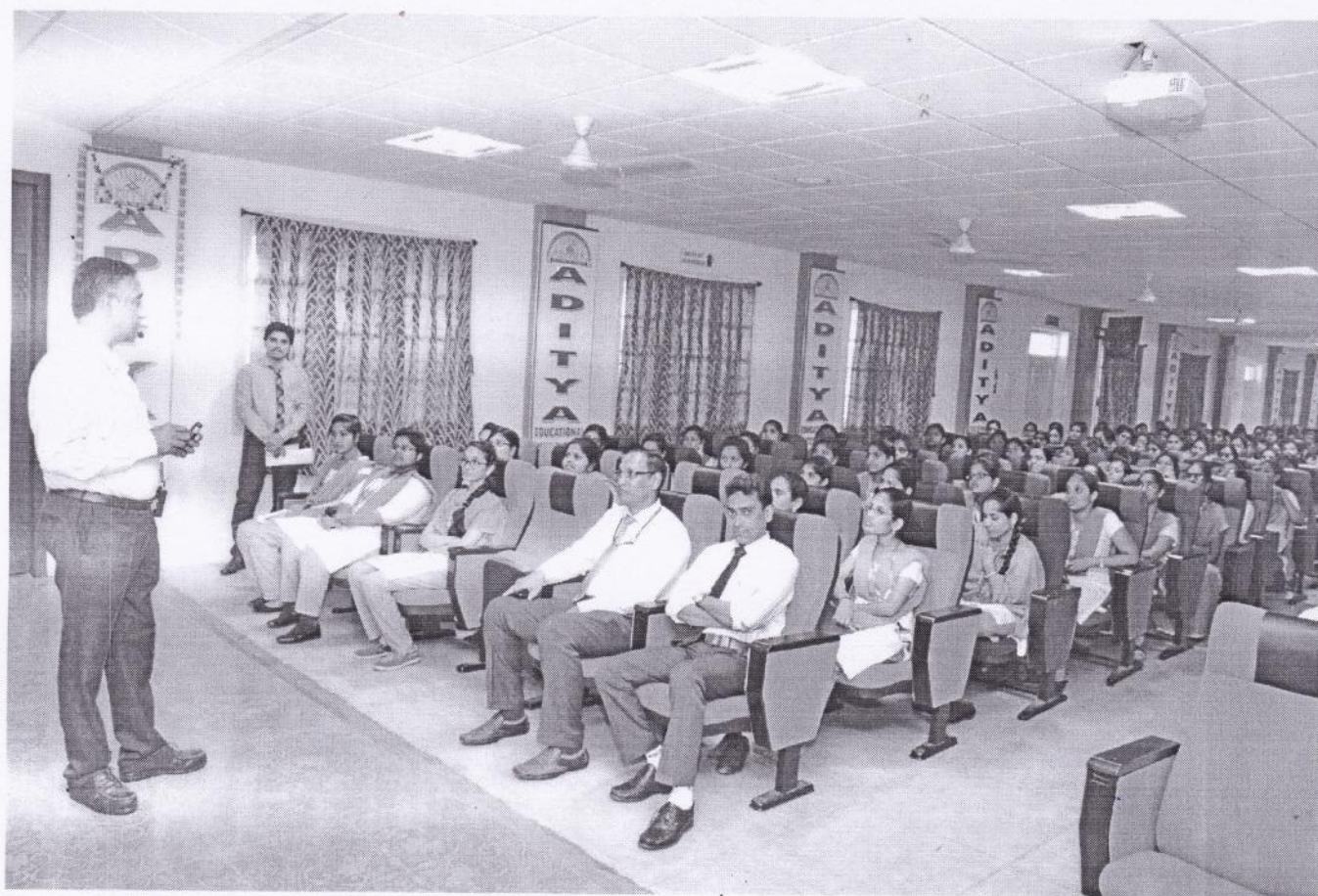
Session 5: 2:00-4:30

- Advantages and disadvantages of SCC
- Supply entry cementing materials
- Review on Workshop

No. of Participants :28

PROGRAM PHOTOS





Overall Assessment : Good

Event Coordinators :

1. Mr.P.Ravi Kishor, Assistant professor , Dept. of civil engineering
2. Miss.Ch.Devi ,Assistant professor, Dept. of civil engineering

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