



INTEGRATED CAMPUS

NALLA NARASIMHA REDDY EDUCATION SOCIETY'S GROUP OF INSTITUTIONS

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Date: 20/12/2017

Department of Civil Engineering

REPORT ON GUEST LECTURE

“USAGE OF TOTAL STATION IN CIVIL ENGINEERING”

Dr G. Subba Rao, Head of Civil Engineering Department, NNRESGI had given a brief introduction of the speaker sri D. Narsimha Rao, Surveying Engineering, Survey of India, Uppal, Hyderabad.

The guest sri D Narasimha Rao delivered a topic on “usage of total station in civil engineering” on 20/12/2017. Around 26 & 36 students of III & II year civil engineering ^{respectively} were attended the Guest Lecture. Mr D. Narsimha Rao started his presentation with basics and importance of TOTAL STATION and the usage of Total Station by interacting with the students. In addition, basic concepts of Surveying is enlightened by raising few questions. He briefly explained the types of surveying based on nature and instruments.

He also explained that the Total station consists of three main components viz., EDM, electronic Digital Theodolite and Computer (or) Micro processor. He added that measurement of Horizontal and Vertical Angles, determining Missing Line Measurements, relative elevation Measurements, Resection, Staking out and Area calculations can be done using total station. He explained in a detailed manner of each and every term included in his presentation. He has accepted to train a few / selected students for two months training on Total Station in Survey of India, Uppal, Hyderabad with a nominal fee.

At last, the HoD-CE thanked the speaker for the presentation on behalf of students and staff of civil engineering department.

G. Subba Rao
20.12.17
HoD-CE



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