



ADHI

COLLEGE OF ENGINEERING & TECHNOLOGY

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GUEST LECTURE BY Er. SURESH BABU, ON “FOUNDATION MARKING & UNIT CONVERSION”

Guest Lecturer: Er. SURESH BABU, Assistant Engineer, All India Radio & Doordharsan Department

Date: August 18th, 2017

Time: 9.00 am-3.30 pm

Venue: CE205, CIVIL DEPARTEMENT

Organizer: Subash Chandra Bose, IV year

Attending students: II, III and IV year students.

ABOUT THE GUEST

Er. Suresh Babu was a BE graduate after finishing diploma in Civil Engineering. He has 35 years of experience as Assistant Engineering in All India Radio and Doordharsan. He is expertise in Foundation marking and Quantity Surveying.

ABOUT THE PROGRAM

In this morning session we gained knowledge about the Unit conversion and estimation about the single storey building , he gave us information about the future needs of civil engineers with construction field. He taught us two concepts to be implemented and gave us ideas to do the future projects.

Unit conversions

In this the concept of how to convert metric unit from running unit such as inch to feet, feet to meter, meter to square meter, cubic meter to cubic feet.

This concept is fully based on the how will you calculate estimation of area properly. This will be very useful for our site work.

Estimation

This was the second concept that he explained, how will you calculate estimation in single room building with number of windows and doors. Then assuming the thickness of brickwork as 230mm for single wall and deducting the windows and doors in the estimation then you will get the proper estimation of single room building.

In this afternoon session we gained knowledge about the foundation marking in theoretically and practically. He taught us how to mark a grid length in different footings. He explained what is mean by set back and how will you taken for normal foundation marking and we are discussed project about PROPOSED RESIDENTIAL BUILDING AT SASTHA NAGAR, VALASARAWAKKAM and this project is done by using M20 grade of concrete and Fe500 grade of steel.

Further we are plot a foundation layout in our college ground then normally adopted 62'8" grid length in foundation marking. In considering footing A1 as 5'6" in length and breadth after marking it can be checked by diagonally. Hereafter other footings are marked by the same procedure.

After done this work the columns has been marked for the given project data. Finally we are gained lot of information about unit conversion and foundation marking.

We are very thankful to our department and management to given this opportunity.

PHOTO GALLERY



Er. Suresh Babu delivering the lecture



Welcome speech and introduction of Chief guest By Dr. K Sivalingam HOD/CIVIL



On-Site Training for the students on Foundation Marking



Students observation and interest in Foundation marking