

ONE PAGE REPORT

Title of Event	: Value Addition Programme
Guest Faculty	: Mr. Rajesh Kumar Singhadiya
Organization	: Empirical Exergy Private Limited
Email ID	: rajeshsinghadiya@gmail.com
Contact No.	: 7869327256,9424802100
Audience	: TE
Organized by	: Civil Department
Coordinator	: Dr. Heena Jain
Date	: 18/07/22

.....

In this event students came to understand the concept of Energy audit in Civil Engineering. In first two days of this Value addition programme, students were taught the basics of the Energy audit ,green audit and water audit carbon foot print and energy stimulation students were given practical exposure on field, last two days trainer has allotted the projects to the students.

Trainer Mr. Rajesh Kumar Singhadiya has given excellent knowledge about the audits.



COURSE CONTENT: - in Civil Practical Applications Engineering

Module	Day	Content
1	1	Basics of civil engineering, Concrete quantity for different grades of concrete, Project Management Consultancy, Line Out Excavation
	2	Railing boundary, Centre Line Marking, Footing and quantity for footing
2	3	Slabs and beams, Types of beams in detail and quantity estimation for beams
3	4	Slabs and Types of slabs in detail, Site Visit
4	5	Quantity estimates for slabs, column
	6	Quantity estimates for column, BBM, Plaster, Tiling. Details of staircase.

Projects

S/No.	Title
Project A	Working out percentage of cost for steel and concrete in overall project (p+11)
Project B	Working out percentage of cost for bbm,plaster,tiling for overall project(p+11)
Project C	Working out percentage of cost for steel and concrete in overall project (p+8)
Project D	Working out percentage of cost for bbm,plaster,tiling for overall project(p+8)
Project E	Finding out percentage of fly ash that can be replaced by cement for making concrete and maintaining the strength(any one grade) and cost analysis by preparing cubes
Project F	Preparing models for beams with bar bending schedule
Project G	Preparing models for slabs and footing with bar bending schedule
Project H	Project delays and cost overrun with case study of 5 ongoing projects