

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

Report on
Awareness Program on Advanced Surveying
Methods
Organized by Dept. of Civil Engg. - MITS
4 April 2016



Submitted by: Mr. R. Raghavendra Kumar, Teaching Assistant, Dept. of Civil Engg.

A One Day awareness program on Advanced Surveying Methods was held for II year B.Tech – Civil Engineering students on 4th April 2016. Mr. L A Rangaraju, Sales Manager – Lawrence & Mayo, Mr. D R Munirao, Service Manager – Lawrence & Mayo, Mr. R Bhagyesh, Asst Sales Manager – Lawrence & Mayo were the resource persons who gave training to the students.

The program started with an inaugural meeting. Dr. B Rama Kumar – Vice Principal (Academics), Dr. N Kumara Swamy – Professor & Dean RRC, Dr. Y Amarnath – Professor & HoD, Dr. M Chittaranjan, Professor, Dept. of Civil along with the resource persons from Lawrence & Mayo were present at the inaugural meeting. Dr. B Rama Kumar, Dr. N Kumara Swamy, Dr. Y Amarnath, Mr. L A Rangaraju, Mr. D. R. Munirao addressed and inspired the gathering about the importance of advanced surveying methods in the field of Civil Engineering.

Mr L A Rangaraju explained the concepts of Total Station through power point presentation. He gave detailed explanation regarding the usage of Total Station. He described the differences between Plane Table Surveying and Total Station. After finishing the theory session, the students were taken to the field for practical session.

Practical session on Total Station

The total students present were divided into 2 batches. After the division of batches, students were taken to the field. Mr D R Munirao and Mr R Bhagyesh lead the 2 batches separately. They demonstrated the practical usage of Total Station for the 2 batches of the students. During the practical session, the resource persons had given practice to students on determining remote height using total station, state-out using total station and determining of area using total station. Total 135 students are benefited from this workshop.

Hence this program, made the students to acquire knowledge on Total Station. Practical usage and applications of modern survey methods were familiarized to the students. On field challenges and experience were made aware to them.

Paper Clips:



Awareness Program on Advanced Surveying Methods

On 4th April 2016 an awareness program on *Advanced Surveying Methods* was held for II year B.Tech – Civil Engineering students. The resource persons were Mr. L A Rangaraju, Sales Manager – Lawrence & Mayo, Mr. D R Munirao, Service Manager – Lawrence & Mayo, Mr. R Bhagyesh, Asst Sales Manager – Lawrence & Mayo. Mr L A Rangaraju explained the concepts of Total Station through power point presentation. He gave detailed explanation regarding the usage of Total Station. He described the differences between Plane Table Surveying and Total Station. After finishing the theory session, the students were taken to the field for practical session. There was a practical session on Total Station and hence this program, made the students to acquire knowledge on Total Station. Practical usage and applications of modern survey methods were familiarized to the students. On field challenges and experience were made aware to them.


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