



# INSTITUTE OF SURVEYING AND MAPPING DIYATHALAWA

## Fundamentals of Surveying

*Welcome to the Institute of Surveying and Mapping Diyathalawa (ISMD), the pioneering Institute of creating skilled academic and technical professionals empowered with the knowledge related to Surveying and Mapping.*

## About US

Institute of Surveying and Mapping is dedicated to have its services to the nation since its inception. The formal training was started on 19th October 1896 at Colombo. Later the training school was shifted to present location at Diyatalawa on 1st March 1924. Over time, it was necessary to introduce new technologies such as Photogrammetry, Electromagnetic Distance Measurements, etc to improve survey standards. As a result, the training School was upgraded as Institute of Surveying and Mapping on 21st of February 1967 with the assistance of the United Nations Development Programme. Later Institute of Surveying and Mapping was incorporated under Parliamentary Act no. 21 of 1969.

With the rapid development of the Land Surveying, Geo Informatics, Satellite Positioning, Remote Sensing, Soft Photogrammetry and Geographic Information Systems the Institute of Surveying & Mapping commenced the first Bachelor Degree Course in Surveying in the country empowered by the Gazette no. 620/4 issued by the Higher Education Ministry on 24th July 1990. So Institute of Surveying & Mapping has been serving to the nation as pioneering education in Geo-Informatics and Land Management.

## Fundamentals of Surveying

This course is designed for those who are interested to gain the basic knowledge related to Fundamentals of Surveying under the following Criteria.

- Chain Surveying and Linear Measurements



- Theodolite Surveying



- Surveying with Total Station



- Introduction to Modern Surveying Technologies



## Course Details

Course  
Duration

05 days

Time Period

08.00 a.m. – 04.00 p.m.

Nature of the  
Course

Lectures and Practical

Course Fee per  
Candidate

Rs. 25,370/=  
(Inclusive of Accommodation &  
Exclusive of Meal)

- No of seats are limited ( Maximum 30 and Minimum 10 participants)



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ISM, Diyathalawa, Sri Lanka

After the completion of this course, all the participants are able to:

- Know the principles of each and every surveying techniques.
- Know about field book keeping, booking principle of survey measurement.
- Gain theoretical and practical knowledge related to the way of collecting data by getting linear measurements.
- Gain theoretical and practical knowledge related to the way of collecting data by getting linear and angular measurements.
- Get familiar with Electronic Distance Measurement (EDM) Technology.
- Get familiar with Modern Technologies for Surveying.

A certificate will  
be awarded at  
the end of the  
course.

## Why Us



Experience

We Have More Than 200 Year  
Experience in the Field of Surveying  
and Mapping and Related Technology.



Technology

We Always Introduce Latest and Solid  
Technology for Surveying and Mapping  
That is Our Beauty.



Best Tutor

We Have Highly Qualified, Academically  
trained, Skilled Professionals.



Practical Training

We Are Providing Practical Training for  
Surveying and Mapping from Bottom to  
Top Level for Our Students

