



## Department of Civil Engineering University of Moratuwa

### Training Programme on Total Station and AutoCAD for Engineering Surveys

**Target group** : Engineers and other Technical Personnel.

**Course Objectives** : This programme is intended to impart knowledge on participants regarding the Total Station instrument, its applications in engineering surveys, and the use of AutoCAD software and Surfer software with the Total Station to produce maps and plans quickly.

**Days** : 11<sup>th</sup>, 12<sup>th</sup>, 18<sup>th</sup>, 19<sup>th</sup>, 25<sup>th</sup> and 26<sup>th</sup> March 2023

**Venue** : Department of Civil Engineering, University of Moratuwa.

**Course Content:**

Electronic Distance Measurement (EDM) and its applications through Total Station instrument, such as data transfer, data management, reflectorless measurements and setting out. Use of Total Station with AutoCAD and Surfer to produce maps and plans efficiently. Special project to impart confidence about the use of Total Station and its engineering applications, covering contouring, production of a three dimensional image of a selected area, production of maps and plans, and computation of areas and volumes.

**Fees:** Rs. 49,500.00 per person.

**Closing Date for Applications** : 05<sup>th</sup> March 2023.

**Application procedure :**

Application forms can be obtained by sending an e-mail or a self-addressed stamped envelope to the following address.

Successful applicants will be notified by 06<sup>th</sup> March 2023. They should register by paying the course fees by 09<sup>th</sup> March 2023. Payment can be made by cheque written in favour of the "University of Moratuwa".

**Address:**

**Mr. T.D.C. Pushpakumara, Senior Lecturer.**

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Registrar, University of Moratuwa.