

## Short Course on Retaining Wall Design

### Selection, Design and Construction (Gravity & Reinforced structures)

**To Whom :** Civil Engineers, Engineering Geologists, Construction Managers, Other technical personnel interested in the technology of analyzing, design of retaining wall systems & Contractors and those who are handling relevant field.

**Contents :**

- Introduction to Engineering Properties of Soil
- Lateral Earth Pressure Theory
- Earth Pressure due to Backfill Compaction
- Different Types of Retaining walls
- Design of Gravity Type Retaining wall
- Design of Reinforced Concrete Cantilever Retaining Walls including Structural Designs
- Detailing for Construction and Maintenance

**Date :** 2019.08.29 & 2019.08.30 **Time :** 8.30 am - 16.00 pm

**Fee :** Rs. 8,000/- (Including meals & Course material)

**Payments :**

Cheque Payment : The cheque should be drawn in favour of “**Chairman, Construction Industry Development Authority**”

Direct payment to the bank, A/C 77454975 - **BOC Independent square**  
**Please send a copy of deposited slip by Fax or E-mail including Name, Course Name & Telephone Number**

**Resource Person :** **Ekanayaka P.N.**  
**Chartered Engineer**  
**BSc, MSc(Structural.Eng), Pgd (Geotech.Eng), C.Eng, MIE(SL)**

**Venue :** Centre for Housing Planning & Building (CHPB)  
No.33, Parliament Road, Pelawatta, Battaramulla.

**Medium :** English with Sinhala Explanation

**A valuable certificate of participation will be awarded by CIDA**  
Mandatory CCD points for CIDA registered contractors : 20 points

**For further details : T P :** 011-2787661 / 011-2785712 **Fax :** 011-2785629 **FB :** cida chpb  
**Viber/ WhatsApp :** 0702372373 **E - mail :** cida.chpb@gmail.com **Web :** www.cida.gov.lk



**MINISTRY OF HOUSING, CONSTRUCTION & CULTURAL AFFAIRS**