DATES

Dates will be announced when adequate number of participants have been registered for the program.

COST PER HEAD

Rs. 19,500 per person. Group discounts (5%) are available for those institutions who send more than 5 participants.

OTHER DETAILS

It is a non-residential course. It will be held in two phases of four day each with an interval of at least two weeks.

HOW TO APPLY

Use the application form available at the end of the prospectus and fax +94(0)112552474 or email it to keerthi@dlcsrilanka.org
Application form could be downloaded from the DLC website: www.dlcsrilanka.org

Enquiries and Clarifications
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Develop *your* Engineering Understanding

Offered by Distance Learning Centre

Understanding Civil Engineering Projects

for Non Engineers

DLC Distance Learning Centre Ltd.

SLIDA

RATIONALE

Many non-engineer managers have to deal with engineers and engineering projects. Without basic understanding how a civil engineering project is formulated, designed and executed it would be a challenge for the non-engineer manager to be a successful part of such a project. This program is aimed at filling that gap in the non-engineering manager, who sometimes will have to monitor and take part in the management of such projects and at times need to get the advice of engineers in taking decisions in relation to such projects.

TARGET GROUP

Public officers who are involved or will be called upon to involve in Civil Engineering Project related work and irrigation / flood / disaster management

METHOD

Lectures, Exercises, Study tour to a building construction site, Study tour to an irrigation scheme

OBJECTIVE

At the end of the training program participants will be able to

- Identify the features in a topographical sheet/map
- Describe how the engineers use the topo sheet and other maps and associated data to identify the sites for location of culverts, irrigation reservoirs and anicuts, flood prone areas& also sites not vulnerable for landslides
- List the basic features of an irrigation reservoir and an anicut
- State the importance of each feature above and how their location and sizes are determined
- List the canal types in an irrigation schemes and the function of each type
- State the structures in a canal and the functions of each structure
- State the factors that affects the canal flow
- State how the cultivation season is planned and water issues done as per the cultivation calendar
- Describe the two main cultivation seasons and how the cultivation potential changes with the cultivation season
- Describe how the roads are traced and list the factors to be considered
- Describe the importance of proper investigations in a civil engineering project
- State the important quality control methods that should be adopted in a civil engineering site
- State the gestation periods that need to be set aside in civil engineering construction for settlement and strength
- State the myths prevalent among non-professionally trained workers
- State the decisions that needs to be taken by an engineer in a building construction site
- Explain a given network diagram correctly
- Describe the importance of having a network diagram for any seriously managed project
- Read maps; specifically flood maps and landslide vulnerable maps
- Describe structural and nonstructural measures that could be adopted in building disaster resistant houses

CONTENTS

- Essential features in a topographical sheet/map
- Identify sites for location of culverts, irrigation reservoirs and anicuts, flood prone areas & also sites not vulnerable for landslidesusing the topo sheet and other maps and associated data
- Basic features of an irrigation reservoir and an anicutand the importance of each feature
- Canal types in an irrigation schemes and the function of each type
- Structures in a canal and the functions of each structure
- Factors that affects the canal flow
- Season cultivation plan and water issues
- Main cultivation seasons
- Road layouts
- Investigations in a civil engineering project
- Quality control in a civil engineering site
- Gestation periods that need to be set aside in civil engineering construction for settlement and strength
- Myths prevalent among non-professionally trained workers
- Decisions that needs to be taken by an engineer in a building construction site
- Network diagrams and gnatt charts
- Disaster prevention by adopting best civil engineering practices

CLASS SIZE

Maximum 30 participants

DURATION

Only 6 days

ENTER NOW!