

Dear Student

9210 IVQ 6 Graduate Diploma in Civil Engineering practical

Subjects:

- Soil Mechanics & Engineering Geology
- Highway Engineering

Venue: Research & Development Division – RDA – Borupana Road, Rathmalana

Dates: 03.07.2017 – Monday 8.30AM - 4.00 PM

04.07.2017 – Tuesday 8.30AM – 4.00 PM

05.07.2017 – Wednesday 8.30AM to 4.00 PM

(Students must participate all three days consequently)

Number of Participants: Maximum 30 students

Package Fee: Rs 12,000/= per three days for all practical mention below

(Please pay your payment in cash to SEI Nugegoda or Matara on or before 20th Tuesday , June 2017)

Tasks Schedule:

	Day 1	Day 2	Day 3
Morning Session	Lectures 1.Introduction to Bitumen testing 2. Introduction to soil testing 3.Introduction to Concrete testing	Laboratory Demonstrations 1. Soil Lab- Groups 03 2. Bitumen Lab- Group 01 3. Concrete Lab- Group 02	Laboratory Demonstrations 1.Bitumen Lab- Group A 2. Concrete Lab –Group B
Evening Session	Laboratory Demonstrations 1 Soil Lab- Group 1 2 Bitumen Lab- Group 2 3 Concrete Lab –Group 3	Laboratory Demonstrations 1 Soil Lab- Group 2 2 Bitumen Lab- Group 3 3 Concrete Lab –Group 1	Laboratory Demonstrations 1 Bitumen Lab- Group B 2 Concrete Lab –Group A

Note:

Team of 30 number of students will be subdivided into three groups. (Group 1, Group 2 & Group 3) and two groups (Group A & Group B) as above Mentioned.

Following contents will be covered under the each laboratory.

Soil Laboratory	Bitumen Laboratory	Concrete Laboratory
Partial size Distribution Test Consistency Limits Test (Moisture density Relationship) Field Density	Penetration Test Ductility Pint Test Softening Point Test Kinematic Viscosity Test Flash Point Marshall Stability & Flow Test Density of Asphalt Concrete	Aggregate Impact Value Test Loss Angeles Abrasion Valve Aggregate Crushing Value Test Slump Test Rebound Hammer Test Compressive Strength of Concrete Cubes

Course Coordinator – Graduate Studies