

SCMS School of Engineering and Technology

Department of Civil Engineering

REPORT ON TECHNICAL TALK ON REINFORCED SOIL RETAINING WALLS – CONCEPTS, MATERIALS & DESIGN

Date: 30th August, 2019

Venue: Seminar Hall I

Civil Engineering Department of SCMS School of Engineering and Technology had organized a talk on Reinforced Soil Retaining Walls Concept for the Students of M tech Computer Aided Structural Engineering in the Seminar Hall on 30th August 2019 from 10:30 AM to 12:30 PM. The talk was lead by Dr. Jimmy Thomas, Geotechnical Engineer. Dr. Jimmy Thomas is an independent Civil engineering Consultant having about 15 years of experience in Geosynthetics and reinforced soil structures. He took Ph. D, Geotechnical Engineering from IIT Kanpur.

The talk began with introducing what a retaining wall is, its uses and classifications. Then he explained how to choose the suitable retaining wall. The talk was mainly focused on introducing Reinforced Soil Retaining Walls, its specialties, construction methods, design methodology, comparison with other type of retaining walls etc. He pointed out that Soil Reinforced retaining walls are economical and as much as stable as compared to the other Retaining wall types, by proper design and execution by experts, the reinforced soil retaining wall can be used for small to big projects.

