

FOLLOWING TOPICS WILL BE DELIBERATED IN THE SEMINAR

Strengthening of ground using

- Preloading and Vertical Drains
- Chemical Admixtures
- Reinforcement
- Vacuum consolidation
- Electro Kinetic, Thermal and Explosion Based Techniques

WHO SHOULD ATTEND?

PG students, Research Scholars, Faculty members and Field Engineers, who seek to update their knowledge in ground strengthening areas through case studies are encouraged to attend this seminar

REGISTRATION

The total number of participants is limited to 100 based on first come first served basis and they are allowed to register free of charges, on or before 23rd February 2018.

VENUE

Pari Arangam,
Department of Civil Engineering,
College of Engineering Guindy
Anna University, Chennai – 600 025.

ADDRESS FOR CORRESPONDENCE

The Coordinator
Seminar on '**RECENT TRENDS IN STRENGTHENING OF GROUND**'
Division of Soil Mechanics and Foundation Engineering
Department of Civil Engineering
CEG, Anna University, Chennai – 600 025
Ph: 044 2235 7544
Email: mahamaha2001@yahoo.com

COORDINATOR OF THE SEMINAR

Dr. S. KARTHIGEYAN
Associate Professor
Division of Soil Mechanics and Foundation Engineering
Department of Civil Engineering
CEG, Anna University, Chennai

ADVISORY COMMITTEE

Dr. S.S. Ramakrishnan, Head i/c, Dept. of Civil Engg. & Chairman, Faculty of Civil Engineering, CEG, Anna University, Chennai

Dr .K. Premalatha
Professor and Head, Div. SM & FE
CEG, Anna University, Chennai

Dr. V.K. Stalin, Professor, Div. SM & FE
CEG, Anna University, Chennai

Dr. M. Muttharam, Professor, Div. SM & FE
CEG, Anna University, Chennai

INVITED SPEAKERS

Dr. S.V. Ramasamy, Professor Retired, DSM & FE
College of Engineering Guindy, Anna University, Chennai

Dr. M. R. Madhav, Professor Emeritus
Dept. Of Civil Engineering
JNT University, Hyderabad (Autonomous)

Dr. K. Rajagopal, Professor, Dept. Of Civil Engineering
Indian Institute of Technology Madras, Chennai

Mr. Madan Kumar Annam, Head of Engineering
Keller India, Chennai.

Mr. Mohammed Toufeeq, Area Manager
MACCAFERRI Environmental Solution Pvt. Ltd
Chennai – 20.

Mr. A. Karthikeyan, Proprietor
M/S Karthikeyan Associates, Chennai - 106

REGISTRATION FORM

**SEMINAR ON
'RECENT TRENDS IN STRENGTHENING OF GROUND'**

1. Name:
2. Designation:
3. Department:
4. Mailing Address:
5. Contact No:
6. e-mail id:
7. Company / Organisation Name & Address
8. Purpose of participating in the seminar

Signature:

Date:

Recommendation from parent department:

ABOUT THE DEPARTMENT

The Department of Civil Engineering is one of the oldest departments in College of Engineering Guindy which was started in the year 1862. Under the ages of department, currently 3 divisions and seven centres are functioning and it offers 3 UG Programmes and 12 P.G. Programmes.

ABOUT THE DIVISION OF SOIL MECHANICS AND FOUNDATION ENGINEERING

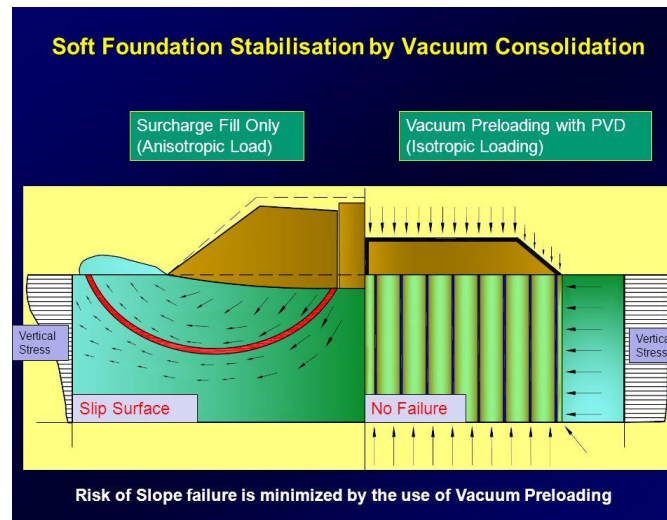
The Division of Soil Mechanics and Foundation Engineering (SM & FE) is one of the oldest divisions and offering Post graduate Programme (both full time and day-part time) in Soil Mechanics and Foundation Engineering since from the year 1958, in addition to supporting UG programme in Civil Engineering. The Division is also offering M.S. (By research) and Ph.D. Programme in the emerging areas of Geotechnical Engineering.

The Div. of SM & FE is very active in offering expert opinion on several geotechnical problems involved for various government and private organizations. The Div. of SM & FE is having all important facilities such as Basic and Advanced Testing facilities for Soil, Rock, Geotextile and computational facility.

BRIEF OUTLINE OF SEMINAR

With increased urban development, sites with favourable ground conditions for construction purposes became rare. In many cases, civil engineers are forced to build the structure in unfavourable site. Hence, there is a need to strengthen the ground characteristics before starts the construction. Thus, it is very important for the engineer to know the degree to which ground characteristics to be improved or if there is an alternative design for construction of the structure in unfavourable ground. Further, in the case of existing structures exhibiting foundation failure, in-place foundation treatment may be used as corrective

Now days, various techniques are available (ex. Preloading, vibro-flotation, vacuum consolidation, stone column etc.) to strengthen the ground characteristics to facilitate the construction operation. The seminar is focusing on the various trivial issues involved in selection of suitable ground strengthening method for new construction and corrective measure for existing foundation distress. Also, hoped to focus on problems are associated with execution of the desired ground strengthening procedure at the site.



Prefabricated vertical drain as settlement reducer

SEMINAR ON

'RECENT TRENDS IN STRENGTHENING OF GROUND'

23rd February 2018



Organised by
**Division of Soil Mechanics and Foundation
Engineering,**
Department of Civil Engineering
College of Engineering Guindy Campus
Anna University, Chennai - 600 025