Road show on "Understanding Geotechnical Engineering"

By : Engr. Suresh Yegambaram, *Grad. IEM.*

The Geotechnical Engineering Technical Division (GETD) of IEM, in collaboration with Graduate and Student Section of IEM (G&S) had embarked on organising road shows on "Understanding Geotechnical Engineering" with the main objective to help young engineers to gain better understanding in various elements of geotechnical engineering.

The course consists of series of short lectures covering various fields of geotechnical engineering. The speakers, who are active members of GETD and well experienced geotechnical engineers, shared their experience in each topic with the participants.

First, a two day course was organised in IEM HQ, KL. The course was well attended with more than 120 participants. With popular demand from engineers, the course was organised once again in KL. This time a three days course was organised with four more experienced speakers.

Further to the success and positive comments from the participants, the GETD and G&S section decided to organise the 2-day course as a road show to other branches for the benefit of engineers practicing at other states. Therefore, the course was first organised in Penang, and then followed by Sabah, Johor and Terengganu. All the courses in the branches were conducted with collaboration with respective G&S branches.

Table 1: Summary of courses conducted

No.	Venue	Date	No of Participants
1	IEM HQ Building, Petaling jaya		120
2	IEM HQ Building, Petaling jaya	17 - 19 November 2005	160
3	City Bayview Hotel, Penang	30 September and 1 December 2005	110
4	Promenade Hotel, Sabah	16 - 17 December 2005	85
5	Selesa Hotel, Johor Bharu	5 - 6 May 2006	80
6	Terengganu	24 - 25 July 2006	75

Table 2: Lecture and speakers

No.	Lecture	Speaker
1	The Importance and Awareness of Soil/Subsurface Investigation	Engr. Eddie Ng
2	A Glimpse of Engineering Geology and Rock Mechanics	Assoc. Prof. Tan Boon Kong
3	Slope Stability Analysis	Engr. Simon Tan
4	Soil Nailing for Slope Strengthening	Engr. Liew Shaw Shong
5	Design and Construction of Pile Foundation – What can go Wrong?	Engr. Neoh Cheng Aik
6	Design of Embankment on Soft Clay	Engr. Tan Yean Chin
7	Ground Improvement	Engr. Kenny Yee
8	Geosynthetic for reinforced Soil Structure	Engr. Albert Lim
9	Testing of Piles Using Stresswave Measurement Technique	Engr. Mun Kwai Peng

Table 3: Additional lectures and speakers

No.	Lecture	Speaker
1	Hillsite Development	Engr. Dr Gue See Sew
2	Marine Structure	Engr. Lee Eng Choy
3	Grouting/Deep Soil Mixing	Engr. Dr Raju VR
4	Basement Construction	Engr. Dr Chin Yaw Ming

The summary of the courses conducted is listed in Table 1.

The lectures and speakers for two day Course are listed in Table 2.

Four additional lectures and speakers for 3 days course held at KL are listed in Table 3

G&S section is very grateful for all the members of the geotechnical engineering technical division for their support in conducting the road shows without any charge to G&S. GETD's contribution not only facilitated G&S (HQ and branches) to raise fund for activities, but also helped to enhance the relationship amongst young engineers all over Malaysia. ■

Electrical Engineering Technical Division

Report on Career Talk at Universiti Malaysia Pahang

By : Engr. Mah Soo, *F.I.E.M., P.Eng.*

A career talk at the Universiti Malaysia Pahang (UMP) was held in the Dewan Majlis, UMP at 2.30 p.m. on 28 February 2007. This event was organised by the joint effort between the Graduate and Student Section/Electrical Engineering Technical Division of the IEM and the Electrical and Electronics Engineering Society of UMP.

The objectives of the event were as follows:

1. To provide information to the undergraduates taking the electrical and electronic course on the scope and prospects of graduates in this discipline;
2. The expected requirements of the industry and commercial sector of graduates during the course of duty;
3. The route towards becoming an engineer in the Electrical and Electronics Engineering discipline, and
4. Any success stories to encourage them towards achieving their aims.

The presentation was followed by a Question and Answer session. It was interesting to note that there was a question raised on what is the difference between the titles of "Ir." and "Engr." They became clearer when given the explanation that the title of

"Ir." is given to "Professional Engineers" registered with the Board of Engineers, Malaysia (BEM) as provided by the Registration of Engineers Act 1967 (which was first revised in 1987) while "Engr." indicates that the person is a member of the IEM. ■