PROGRAMME SCHEDULE

Venue: Seminar Hall, 3rd floor, VM Convention Centre, Indian Institute of Technology Bombay

Start	End	Sunday, May 17, 2015
8:30	9:30	**Registration**
9:35	10:00	**Inauguration**
10:00	11:00	**Distinguished Guest Lecture** Numerical Analysis of Cement-Admixed Clay Soils for Underground Construction *Dr. Lee Fook Hou* Professor, Department of Civil and Environmental Engineering, National University of Singapore
11:00	11:45	**High Tea** *(Third floor foyer, VMCC)*
11:45	12:30	**Keynote Speaker 1** Numerical Simulations of Seismic Clay-Pile-Raft Interaction *Dr. Subhadeep Banerjee* *Assistant Professor, Department of Civil Engineering, Indian Institute of Technology Madras*
12:30	13:15	**Keynote Speaker 2** Numerical Modelling of Geocell Reinforced Pavements *Dr. S. Sireesh* *Associate Professor, Department of Civil Engineering, Indian Institute of Technology Hyderabad*
13:15	14:15	**Lunch** *(Third floor foyer, VMCC)*
14:15	15:45	**Contributory Papers: Session 1** Development of reinforced soil wall using the finite element program ANSYS (FM026) *Masud and Bhattacharjee* Surcharge induced earth pressure mitigation with EPS geofoam (FM018) *Dave* Influence of effect of reinforcing on slopes stability of a soil dam (FM027) *Aldungarova* Use of cement admixture pond ash as backfill behind gravity retaining walls (FM030) *Jose* Numerical analysis of earth pressure reduction using geofoam (FM017) *Chuahan, Dasaka and Dave* Evaluation of deformation behaviour of geogrid reinforced retaining walls (FM033) *Balakrishnan and Viswanadham* Probabilistic analysis of anchored sheet pile wall on cohesionless soil (FM035) *Guharay and Badiya*
15:45	16:15	**Tea Break** *(Third floor foyer, VMCC)*
16:15	17:30	**Contributory Papers: Session 2** Numerical study on a concrete pipe buried in expansive soil (FM029) *Chauhan, Naraniwal and Dasaka* Deformation behaviour of composite barriers of clay based landfill covers (FM016) *Divya and Viswanadham* Numerical model for expansive soil (FM021) *Naraniwal, Chauhan and Dasaka* Numerical simulation for horizontal block vibration test (FM028) *Bharathi , Raj, Mukerjee and Dubey* Finite element simulation of geogrid reinforced soil wall with segmental block facing (FM040) *Mamaghanian, Viswanadham and Razeghi* Study on the Response of Tunnel Liners to Earthquake Loading (FM012) *Pinaki and Juneja*
19:00	22:00	**Informal interaction and Banquet Dinner** *(Gulmohar Restaurant 3rd floor, Banquet Hall)*

		Monday, May 18, 2015
9:15	10:00	**Keynote Speaker 3** Modeling of liquefaction phenomenon for unbounded domain using coupled FEA *Dr. V. A. Sawant* *Associate Professor, Department of Civil Engineering, Indian Institute of Technology Roorkee*
10:00	10:45	**Keynote Speaker 4** Modelling of Piled-Enhanced Raft Foundations using 3-D FEM *Dr. William Cheang* *Regional Technical Manager, Plaxis AsiaPac Pte Ltd, Singapore*
10:45	11:15	**High Tea** *(Third floor foyer, VMCC)*
11:15	12:00	**Keynote Speaker 5** Numerical Study on the Behaviour of Geosynthetic Encased Stone Columns Considering Coupled Hydraulic and Mechanical Modelling *Dr. Rajesh Sathiyamoorthy* *Assistant Professor, Department of Civil Engineering, Indian Institute of Technology Kanpur*
12:00	13:15	**Contributory Papers: Session 3** Finite element modelling of simple harmonic motion using Plaxis 2D (FM034) *Pathak and Dalvi* Effect of the shape of Charge on Borehole Blasting (FM014) *Pinaki and Juneja* Dynamic FE analysis on the explosion response of underground tunnels (FM025) *Prasanna and Boominathan* Influence of the size on the measurement of shear wave velocity of rock cores using bender elements (FM010) *Endait* Numerical Simulation of Tunnel Excavation in Sands (FM009) *Krishna and Juneja* Dynamic numerical modelling to study blast induced damage in backfills (FM023) *Bagde*
13:15	14:15	**Lunch** *(Third floor foyer, VMCC)*
14:15	15:30	**Contributory Papers: Session 4** Performance of soil-nailed slope with and without slope facing (FM038) *Rotte and Viswanadham* Effect of geosynthetic layers on slopes subjected to rainfall (FM031) *Bhattacherjee and Viswanadham* 3D numerical simulation of a centrifuge model test of embankment on column improved clayey soil (FM022) *Sherstha, Chai and Kamo* 3-dimensional numerical simulations of geocell reinforced soft clay beds (FM015) *Hegde and Sitharam* Effect of Pile geometry on behaviour of piled rafts (FM011) *Chakroborty, Bisht , Singh and Juneja* A Simplified Soil Degradation Model using the Cam Clay Family of Models (FM013) *Mohammed-Aslam and Juneja* Effect of Simultaneous and Sequential Construction of Bored Piles (FM041) *Boro and Samadhiya*
15:30	16:00	**Tea Break** *(Third floor foyer, VMCC)*

16:00	17:30	**Contributory Papers: Session 5** Coupled flow-deformation behavior of embankment dam subjected to rapid drawdown (FM039) *Saran and Viswanadham* Slope stability of earthen dam under different seepage condition (FM024) *Dave and Parmar* Deformation studies on seepage barrier using finite element method (FM019) *Athani, Solanki and Dodagoudar* Comparative Stability Analysis of Cut Slopes using Different Approaches (FM037) *Kainthola, Singh, Sirdesai and Singh* Prestressed Geogrid Reinforced Soil –A Numerical Study (FM042) *Das and Samadhiya* Novel Studies on some Ground Improvement and Modification Techniques (FM036) *Dutta, Nadaf, Kumar and Mandal* Numerical analysis of landfills (FM020) *Reddy and Himabindu*
17:30	18:00	**Valedictory Function**