

Brief Report of One Week STTP on “Advances in Geotechnical Earthquake Engineering” Organised by IGS – Aurangabad Chapter (25- 29 Oct. 2021)

One Week STTP on “Advances in Geotechnical Earthquake Engineering” was jointly Organised by IGS – Aurangabad Chapter & Soil Dynamics Forum, ISET in association with Civil Engineering Department, Marathwada Institute of Technology, Beed by pass road, Aurangabad & Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad on 25th – 29th October 2021.

The workshop started with a formal inauguration session at 10:45 am on 25 October 2021 through the online platform of ZOOM app. This included a welcome speech of the Convener; Dr. M.S. Dixit (HCED, MIT Aurangabad & IGS Aurangabad chapter) followed by introductory speeches by co-conveners Dr. R. S. Jakka (Secretary, Soil Dynamics forum, ISET) and Dr. S.M. Pore (Professor, DBATU, Lonere). After this, Dr. N.G. Patil (Director, MIT, Aurangabad) and President IGS, Dr. N.K. Samadhiya (IIT Roorkee) addressed the participants.

The aim of the STTP was to enhance the participants with the concepts of Geotechnical Earthquake Engineering, Seismic response of reinforced retaining walls, Influence of local soil conditions on seismic site response, Influence of Soil Conditions on Design Response Spectra, Seismic hazards and Risk Assessment, Seismic design of slopes and embankments, Physical modelling of earthquake effects, liquefaction, Modeling of Elements for Analysis, Seismic aspects of Pile

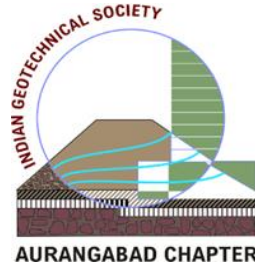
165 participants registered for this STTP out of which 50% were faculty members, 12% Industry person/ Consultants, 14% Research Scholars and 24 % UG/ PG Students. Participants consisted of Faculty members of renowned institutions, Research scholars and UG/PG Students from Odisha, Telangana, Karnataka, Maharashtra, Chennai, New Delhi, Guwahati, Gujrat, Uttarkhand, Roorkee, Rajasthan, West Bengal, Uttar Pradesh, Madhya Pradesh, Assam, Port Blair-Adaman & Nicobar Islands, Mizoram and from other countries like United Kingdom and Bhutan.

During valedictory session, some of participants shared their overall feedback about STTP. Vote of Thanks was done by Er. S. G. Quadri, Joint Secretary IGS Aurangabad Chapter.



The poster features a light green background with a dark green arrow pointing right on the left side. At the top center, the text reads: "One Week STTP on 'Advances in Geotechnical Earthquake Engineering' Jointly Organised by IGS – Aurangabad Chapter & Soil Dynamics Forum, ISET". Below this, it says "In association with Civil Engineering Department, Marathwada Institute of Technology, Beed by pass road, Aurangabad & Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad". The dates "On 25th – 29th October 2021" and the event name "INAUGURATION CEREMONY" are at the bottom. Logos for the Indian Geotechnical Society (Aurangabad Chapter) and the Society of Earthquake Engineers (ISET) are on the right. On the left, there are logos for Marathwada Institute of Technology and Dr. Babasaheb Ambedkar Technological University.

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INAUGURATION CEREMONY



SCHEDULE OF SESSIONS

DAY/TIME	I 11:00 am - 12:15 pm	II 12:15 pm – 1:30 pm	III 1:30 pm – 2:30 pm
25 th October (Day1)	“Introduction to Geotechnical Earthquake Engineering” Dr.Vasant A Matsagar Professor, IIT Delhi	“Seismic response of reinforced retaining walls” Dr. Madhavi Latha Gali Professor, IISc Bangalore	
26 th October (Day2)	“Influence of Local soil conditions on Seismic Site Response and their estimation” Dr. Ravi S. Jakka Associate professor, IIT Roorkee	“Liquefaction” Dr. Ajanta Sachan, Associate professor, IIT Gandhinagar	“Seismic aspects of Pile/shallow Foundation” Dr. Viswas A.Sawant Professor, Civil Engineering Department, IIT Roorkee
27 th October (Day3)	“Influence of soil conditions on Design response spectra” Dr. Vipul Prakash Professor, IIT Roorkee	“Seismic Design of Slopes and Embankments” Dr. Amit Prashant Professor, IIT Gandhinagar	
28 th October (Day 4)	“Physical modeling of Earthquake effects and Liquefaction remediation” Dr. Ing. B.V.S. Viswanadham Professor, IIT Bombay	“ Seismic Hazard and Risk assessment” Dr. Sreevalsa Kolathyar NIT, Surathkal	
29 th October (Day 5)	“Modeling of Elements for Analysis” Dr. Sachin M Pore Professor, DBATU Lonere	“Stress Management through Yoga” Dr. U.B. Kalwane MIT, Aurangabad Feedback & Valedictory session	

CONVENOR
 Dr. Manish S. Dixit,
 HCED, MIT &
 Hon. Secretary,
 IGS Aurangabad Chapter