


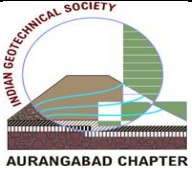
Report on conduction of One week STTP by IGS Aurangabad Chapter.

IGS Aurangabad Chapter in association with Civil Engineering department, Marathwada Institute of Technology, Aurangabad, Maharashtra successfully conducted one week STTP on the topic “Advances in Geotechnical Engineering and Reliability of Structures” from 23rd to 27th August 2021.

The aim of this STTP was to enhance the participants with the concepts of foundation design, its testing and monitoring, Sustainability in Geotechnics, Advanced Ground Improvement Techniques, Reliability of structures by NDT techniques, Analysis and testing of Pile foundations, Earth retaining structures, Geo-form and its application, Rock Tunneling, Earth retention solutions, Bio-immobilization of Heavy Metals in Sands.

155 participants registered for this STTP and around 114 participants participated actively. Participants consisted of Faculty members of renowned institutions, Research scholars and UG/PG Students from Maharashtra, Gujarat, Madhya Pradesh, Uttar Pradesh, Andhra Pradesh, Tamil Nadu, Karnataka, Haryana, Bihar, Mizoram and from neighbouring countries like Bhutan.

In valedictory session, some of participants have shared their overall feedback about the one week STTP. Vote of Thanks was done by Prof. S. G. Quadri, Joint Secretary IGS Aurangabad Chapter. The organizing committee of the STTP took efforts in successful completion of the event.

		“Advances in Geotechnical Engineering and Reliability of Structures” from 23rd to 27th August 2021.			
Day	Session	Resource person	Topic		
23-08-21	1	Dr. N.K. Samadhiya IIT Roorkee & President IGS	Inauguration & Keynote lecture on “Bearing Capacity of Shallow Foundations in Jointed Rock Masses”		
	2	Dr. G.L. Shivkumar Babu IISc Bangalore	Sustainability in Geotechnics		
	3	Dr. Neelima Satyam IIT Indore	Bio-immobilization of Heavy Metals in Sands		
24-08-21	1	Dr. S.S. Basarkar AFCONS Infra Ltd, Mumbai	Advanced Versions of Ground Improvement Techniques		
	2	Er. Ravi Sundaram Director, Cengrs, Geotechnical Pvt Ltd, Noida	Determining Depth of unknown Foundation by NDT Techniques		
	3	Dr. Ashish Juneja IIT Bombay	Tunnelling in Rock: New Insights		
25-08-21	1	Er. Ravi Kiran Vaidya Geo Dynamics, Vadodara	Review of Popular Methods for testing of pile foundation Worldwide		
	2	Dr. Jaykumar Shukla Geo Dynamics, Vadodara	Design and Analysis of Pile Foundations for Supporting Machine Foundation		
	3	Er. Ramesh Kulkarni CMD, SoilTech, Pune	Advanced Geotechnical Testing for Infrastructure		
26-08-21	1	Dr. Dasaka S. Murthy IIT Bombay	Role of Instrumentation in Field Testing and Monitoring of Foundations		
	2	Dr. Chandresh Solanke	Quick Computation of Foundation Settlement and		

		SVNIT , Surat	Empirical correlations
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Day	Session	Resource person	Topic
26-08-21	3	Dr. J.D. Rathod The Maharaja Sayajirao University of Baroda	Assessment of Reliability of Structures by NDT Techniques
27-08-21	1	Er. Vikas Patil MD, Savi Infrastructure, Pune	Innovative Solutions for Earth Retention :Case Studies
	2	Dr. Vinil Kumar Gade National Institute of Technology, Andhra Pradesh	Overview of Geo-foam Applications in Geotechnical Engineering

Photographs of resource person in order of sessions taken:

Day 1	Day 2	Day 3	Day 4	Day 5
