

About IGS Trichy Chapter

IGS Trichy chapter was inaugurated on 14th February 2014, with an objective to provide common forum for academicians, research workers, designers, construction engineers, equipment manufacturers and others interested in geotechnical activities in promoting co-operation among them for advancement and dissemination of knowledge in Geotechnical Engineering and allied fields and their practical application.

About ISSMGE TC301

The Technical Committee on the Preservation of Monuments and Historic Sites (named TC19) was established by the International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE) in 1981, is supported by the Italian Geotechnical Society (AGI), and was renamed TC301 in 2010. The main objective of the technical committee is to organize symposia and workshops with the aim to exchange and compare experiences and to collect case histories. Two international symposia were organized by TC 301 in Naples during 1996 and 2013. A special volume titled "Geotechnics and Heritage" containing invited lectures related to exemplary case records was published in 2013. In India, An international symposium on Geotechnical aspects of heritage structures was organized at IIT Madras during September 16-18, 2019 with the support of IGS Trichy chapter.

About NIT-T

National Institute of Technology Trichy is one of the 31 National Institutes of Technology established by the Government of India. The institution offers Under Graduate Courses in ten branches and Post Graduate Courses in thirty one disciplines besides M.S. (by Research) and Ph.D. in all the departments. About 6200 students are enrolled in the institute and around 500 faculty members are employed in regular positions. NIT-T is ranked top among 31 NITs in India and is presently occupying 9th position in NIRF ranking of engineering institutes.

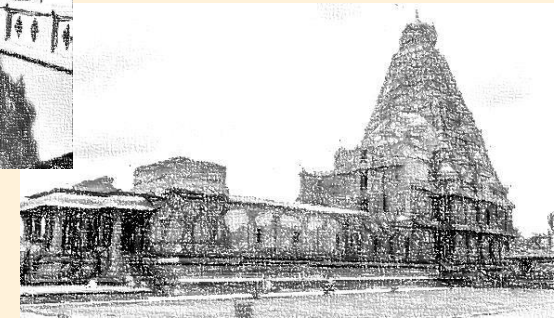
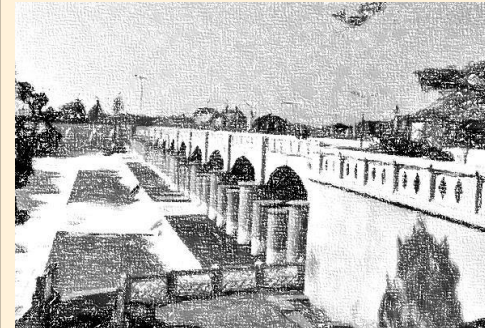
INTERNATIONAL WEBINAR ON

Geotechnical Engineering towards Preservation of Historic Structures

and

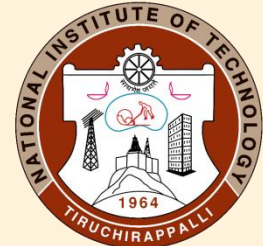
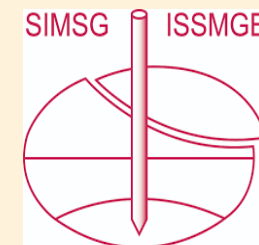
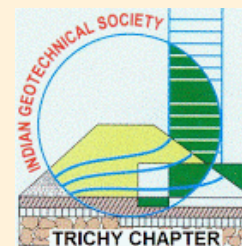
IGC 2021 Website Launching Ceremony

07th January 2021



Organized by

**Indian Geotechnical Society Trichy Chapter &
National Institute of Technology, Tiruchirappalli – 15**



Supported by

**Technical Committee (TC301) on Preservation of Historic Sites
International Society of Soil Mechanics and Geotechnical Engineering
(ISSMGE)**

About the Webinar

Preservation of monuments and historic sites is one of the most challenging problems facing modern civilization. It involves in inextricable patterns various cultural, humanistic, social, technical and economic aspects. The complexity of the topic is such that a shared framework of reference is still lacking among art historians, architects, structural and geotechnical engineers. This is proved by the fact that, although there are exemplary cases of an integral saving of any structural components with its static and architectural function, as a material witness of the knowledge, the culture and the construction techniques of the original historical period, there are still examples of uncritical confidence in modern technology which leads to the replacement of previous structures with new ones, which only preserve an iconic appearance of the original monument. This one day international webinar aims to disseminate the knowledge on the geotechnical and structural aspects on preservation of historic structures.

About the Speakers

Prof. Carlo Viggiani

Carlo Viggiani is presently Emeritus Professor at University of Napoli Federico II, Italy. He is Author/Co-Author of 4 books and more than 200 technical papers. His research interests include Theory of Consolidation, Soil-Structure Interaction for Shallow and Deep Foundations, Earthquake Engineering, Applications of Geotechnics to the Conservation of Monuments and Historic Sites.



Chairman of TC301 of the ISSMGE from 1991 to 2013, and involved in the conservation of a number of monuments affected by geotechnical problems. From 1990 to 2002 member of the International Committee for the Safeguard of the **Leaning Tower of Pisa**, and presently member of the Monitoring and Surveillance Committee of the Tower. His interest to the Tower dates back to 1963.

About the Speakers

Prof. Alessandro Flora

Alessandro Flora is Professor in Department of Civil, Architectural and Environmental Engineering, University of Napoli Federico II, Italy. He is **secretary of the ISSMGE TC-301** (Preservation of Monuments and Historic Sites) and member of ISSMGE TC-211 (Ground Improvement).



Until 2016 he has been Secretary of the Evolution Group EG14 (Ground Improvement) of TC250/SC7 (**Eurocode 7 Committee**). He has written about 200 scientific papers published on the main international geotechnical journals and Conferences. He is co-author with R. Lancellotta and C. Viggiani of the Chapter on **Foundations in the Encyclopedia of Engineering Geology, Encyclopedia of Earth Sciences Series**, Bobrowsky P. and Marker B. Eds, Springer (2018).

Prof. M. Panduranga Rao

Prof. M. Panduranga Rao is a retired Professor of National Institute of Technology in Warangal. He has contributed richly to water resources management, heritage conservation, education sector, and health care. He has also played an important role as the convener of **INTACH** (Indian National Trust for Art and Cultural Heritage) for 25 years and was instrumental in preserving several archaeological sites in India.



He has also published several books some of which are '**Engineering and Technological Achievements during Kakatiya Period**' and '**Hands on Heritage**'. He is presently associated with **Ram Janmabhoomi**, Govt. of India Project.

About IGC 2021

Indian Geotechnical Conference is the annual national flagship event of Indian Geotechnical Society (IGS, New Delhi, www.igs.org.in). For the year 2021, it will be jointly hosted by the Indian Geotechnical Society, Trichy Chapter (www.igstrichy.org) and National Institute of Technology Tiruchirappalli (www.nitt.edu). We have planned to organize the Indian Geotechnical Conference-2021 (IGC 2021) during December 2021, at National Institute of Technology, Tiruchirappalli, India. The official website of the conference will be launched during this international webinar.

Webinar Schedule

10.30 A.M. – 11.15 A.M.	INAUGURATION CUM IGC 2021 WEBSITE LAUNCH CEREMONY
11.15 A.M. – 12.15 P.M.	TECHNICAL SESSION – 1 Renovation and Restoration of Kalyana Mandapam Thousand Pillars Temple, Warangal - Prof. M. Panduranga Rao
12.15 P.M. – 01.30 P.M.	LUNCH BREAK
01.30 P.M. – 02.30 P.M.	TECHNICAL SESSION – 2 Geotechnical Engineering and the Preservation of Cultural Heritage - Prof. Alessandro Flora
02.30 P.M. – 03.30 P.M.	TECHNICAL SESSION – 3 Tower of Pisa: Back to the Future - Prof. Carlo Viggiani
03.30 P.M. – 04.00 P.M.	VALEDICTION

Note: Scheduled based on Indian Standard Time (IST)

Target Audience

Practitioners, Consultants, Personnel from implementation Agencies and Industries associated with Building construction and Restoration, Academicians and researchers working in the area of geotechniques, repair and rehabilitation of structures.

Registration

- Registration is free of cost
- Prior registration is mandatory to attend the webinar
- Webinar meeting link will be shared via email to all registered participants
- Registration is limited to 1000 seats on first come first served basis.
- For registration link [CLICK HERE](#) or visit www.igstrichy.org

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