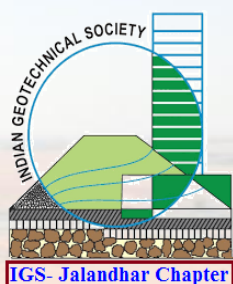


First Announcement

IGGEC-21

First
**INDIAN GEOTECHNICAL AND GEOENVIRONMENTAL
ENGINEERING CONFERENCE**
(Virtual Mode)

November 19-20, 2021



Organised by
Indian Geotechnical Society
Jalandhar Chapter

in Association with
Department of Civil Engineering
Dr B R Ambedkar National Institute of Technology
Jalandhar, Punjab-144011 India



Invitation

Indian Geotechnical Society, Jalandhar Chapter, in association with the Department of Civil Engineering, Dr. B.R. Ambedkar National Institute of Technology Jalandhar extends hearty invitation to the Academicians, Field Professionals, Researchers, Post Graduate Students to participate in the First Indian Geotechnical and Geo-environmental Engineering Conference, to be held at Jalandhar (through virtual mode) during November 19-20, 2021.

About the Institute

Dr B R Ambedkar National Institute of Technology was established in the year 1987 as Regional Engineering College and was accorded the status of National Institute of Technology (Deemed to be the University) by the Government of India on October 17, 2002 under the aegis of Ministry of Education (Shiksha Mantralaya), New Delhi. The Institute has been declared as the "Institute of National Importance" by Govt. of India vide act of Parliament-2007. A large number of reputed Industrial houses in the country visit the Institution and select the final year students as Engineers/ Management Trainees. As one of the National Institutes of Technology (NIT), the Institute has the responsibility of providing high quality education in Engineering, Technology and Sciences to produce competent technical and scientific manpower for the country. The Institute offers BTech, MTech, MSc, MBA and PhD programmes in the several disciplines of Engineering, Technology and Sciences.

About the Department

The Department of Civil Engineering offers B. Tech. in the discipline of Civil Engineering ever since its inception in the year 1989. The department has been offering M Tech. Programme in the field of Structural & Construction Engineering since 2004 and in Geotechnical & Geo-environmental Engineering from academic session 2019-20. In addition to this, full time doctoral programmes in different specializations were started in the year 2006. The Department has established state-of-the-art laboratories with sophisticated equipment for undergraduate and postgraduate courses and the research work leading to the doctoral degree. The Department has got the well qualified faculty members having specialized in various fields and diverse spectrums of Civil Engineering. The board of faculty members of the Department of Civil Engineering comprises the combination of senior faculty members with rich experience in the field of teaching and research and the young faculty members infused with enthusiasm. The Department has been providing the consultancy and testing services to the various Government and private agencies. The Department is instrumental in organizing the Continuing Education Programmes in the form of Short Term Courses, Faculty Development Programmes, Seminars and Workshops. In addition to this, the Department has played the pivotal role in the organization of the International Conferences such as EGRWSE and UKIERI Concrete Congress. The faculty members have been publishing the research papers in peer reviewed journals having been indexed in prominent data bases such as Web of Science (SCI/SCIE/ESCI) and SCOPUS. Besides, the faculty members keep on filing Intellectual Property Rights; few IPRs have been granted recently.

About IGS Jalandhar Chapter

The Indian Geotechnical Society (IGS) was established in the year 1948 with the purpose of advancement and dissemination of knowledge in different fields of Geotechnical Engineering. IGS Jalandhar was established recently, i.e., in February 2020 under the flagship of IGS New Delhi. The chapter was inaugurated by Prof. G.L.S. Siva Kumar Babu, the erstwhile President of Indian Geotechnical Society and Prof. N. K.Samadhiya (the current President of Indian Geotechnical Society). Prof.Arvind K Agnihotri, the founder Chairman and Dr.Hemant Chore, the founder Secretary along with their executive committee members are putting in their best efforts to establish the chapter as the medium for disseminating knowledge in the field of Geotechnical Engineering and allied fields through workshops, seminars, short term courses by inviting the eminent personalities in the field from country as well as from abroad. The group of the academicians led by Prof. Arvind Kumar Agnihotri in association with Prof. Krishna Reddy of University of Illinois, Chicago (USA) was instrumental in initiating the Environmental Geotechnology Recycled Waste Materials and Sustainable Engineering (EGRWSE). Along similar lines, the newly incepted IGS Jalandhar Chapter looks forward to organize the Indian Geotechnical and Geo-environmental Engineering Conference in the virtual mode.

About the Conference

When population increases, more land is needed; many soil deposits previously claimed to be unfit for residential housing and other construction projects are now being used. In a progressive society, rising living standards indicate an increase in industrial growth. Consequently, pollution of air, water, and land and urban refuse production becomes inevitable, thereby endangering the global environment. To cope up with these problematic soil deposits and adverse environmental conditions, the present conventional construction technology requires, by necessity, a new direction. Problematic soil deposits on one hand and ground pollution problems on the other have challenged the current soil mechanics concepts and methods of analyzing soil behavior under varied environmental conditions. The environmental aspects of geotechnology have been expanded and their subsequent response to engineering behavior has paved way for the emergence of Environmental Geotechnology. Recycling is beneficial in many ways and it primarily helps protect the environment. This is because the recyclable waste materials would have been burned or ended up in the landfill. Recycling more waste means, we do not depend too much on raw (natural) resources, which are already massively depleted. However, use of recycled waste materials requires an understanding of their properties and characteristics for their beneficial use as engineering and construction materials.

Objective of the Conference

IGGEC-21 aims to bring together leading academicians, scientists, researchers, field professionals including research scholars to exchange and share their ideas, experiences and research inputs pertaining to all aspects of Geotechnical and Geoenvironmental Engineering, Waste Management, and Sustainable Engineering. It also provides the premier interdisciplinary forum for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns, practical challenges encountered, and the solutions adopted in this field.

Call for the Abstracts

The academicians, scientists, researchers, field professionals and the research scholars are invited to submit abstracts not exceeding 500 words related to the following areas of the field of Geotechnical and Geoenvironmental Engineering, but not limited to:

- Behaviour of Geomaterials
- Geotechnical investigations
- Foundation Engineering
- Rock Engineering
- Soil- Structure Interaction
- Soil Dynamics and Earthquake Geotechnical Engineering
- Computational Geomechanics
- Ground Improvement
- Transportation Geotechnics
- Environmental Geotechnology
- Offshore and Marine Geotechnology
- Recycled Waste Materials
- Sustainable Infrastructure and Engineering

The abstract should contain the theme, the contact information including email ID and phone/ mobile numbers of the corresponding authors. Upon the acceptance of abstracts, the authors will be required to submit full length papers. These papers will be peer reviewed. Some of the selected peer reviewed full length papers will be published in the Springer Book and or special Issue of some of the peer reviewed journals.

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NIT Jalandhar

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Professor (HAG)

Department of Civil Engineering

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Department of Civil Engineering

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Mr.Hemant Gor, Petrofac International Ltd.,Sharjah (UAE)

Mode of Conference

In view of the COVID-19 Pandemic, the conference will be held in virtual mode.

Important Deadlines

Abstract Submission	July 31, 2021
Decision on Abstract	Aug. 16, 2021
Full Paper Submission	Sept. 10, 2021
Decision on Full Paper	Sept. 30, 2021
Regular Registration	Before Oct. 15, 2021
Late Registration	Oct. 16-Nov. 15, 2021

Registration Fees

On or Before October 15, 2021			After October 16, 2021		
IGS Members	Non-IGS Members	Students	IGS Members	Non-IGS Members	Students
INR 700	INR 900	INR 500	INR 900	INR 1200	INR 750

All other particulars regarding the mode of submission of the abstracts/ papers, mode of payment of registration fees, details of correspondence and contact persons, etc. will be provided in the subsequent announcement shortly. In the meantime, for any query, one can write to Conference Secretariat on : iggec21@nitj.ac.in
