

Important Dates:

1. Full paper submission: 5th September, 2017
2. Paper acceptance: 20th September, 2017
3. Registration: 5th October, 2017
3. Workshop dates: 13th-14th October, 2017

Workshop Schedule:

- 13th October, 2017 : Inauguration Ceremony
14th October, 2017 : Poster and Paper Presentation

Paper Submission :

Paper should not be more than 4 pages.

For details about poster and paper submission guidelines:

<http://www.iitk.ac.in/civil/geotech/igc.htm>

Registration:

Registration fees for the workshop are :

1. Student : 1500 INR
2. Faculty : 3000 INR

Contact Information:

Website: <http://www.iitk.ac.in/civil/geotech/igc.htm>

E-mail: igskanpurchapter@gmail.com

Telephone: (91-512) 259 7623 (President)
(91-512) 259 7022 (Vice President)

Faculty Committee:

Dr. N. R. Patra (President)
Dr. P. Ghosh (Vice President)
Dr. Prishati Raychowdhury
Dr. Rajesh Sathiyamoorthy
Dr. Arghya Das

Student Member:

Mr. Swaraj Chowdhury
Mr. Soukat Kumar Das

Workshop Themes:

Development that meets the needs of the present while safeguarding Earth's life-support system, on which the welfare of current and future generations depends is defined as sustainable development.

Being associated with economic growth, social developments and environmental impacts geotechnical engineering is related to following areas of sustainability:

1. Energy Geotechnics
2. Sustainable remediation techniques for contaminated land
3. Material and Waste Reengineering
4. Foundation Rehabilitation and Reuse
5. Use of Underground Space
6. Sustainable Ground Improvement

Indian Institute of Technology Kanpur
& IGS Kanpur Local Chapter

Workshop on Sustainable Geotechnics

13th-14th October, 2017



Venue: IIT Kanpur

Indian Geotechnical Society (established in year 1948)

The Indian Geotechnical Society (IGS) aims at promoting co-operation amongst engineers and scientists for the advancement and dissemination of knowledge in the fields of Soil Mechanics, Foundation Engineering, Soil Dynamics, Engineering Geology, Rock Mechanics, Snow and Ice Mechanics and allied fields and their practical applications.

It provides a common forum for academicians, research workers, designers, construction engineers, equipment manufacturers and others interested in geotechnical activity.

IGS- Kanpur Chapter

To promote closer interaction amongst geotechnical engineers spread all over the country, local chapters of the Society were introduced in 1968 and at present forty local chapters are functional. The nodal center for IGS-Kanpur-local-chapter is located at IIT Kanpur.

Indian Institute of Technology - Kanpur (established in year 1959)

From its very inception, IIT Kanpur has been striving to develop itself into an institution of excellence in education and research in consonance with the contemporary and future needs of India. In meeting this challenge, the Institute has always been making special efforts to recruit talented faculty on a world-wide basis and to admit brilliant students from all over the country.

Civil Engineering - IITK (established in year 1961)

The broad objective of the department is to achieve international recognition for excellence in research and teaching, such that it is ranked as the top Civil Engineering department in the country.

The Department offers B. Tech., B. Tech. -M. Tech. Dual degree, M.Tech degree and PhD in Civil Engineering with six specializations: Structural Engineering, Geotechnical Engineering, Hydraulics and Water Resources Engineering, Transportation Engineering, Geoinformatics, Environmental Engineering and Infrastructure engineering and Management.

Geotechnical Engineering -IITK (established in year 1980)

Experimental facilities available for UG, PG students, and research scholars.

1. Cyclic Triaxial apparatus- stress controlled and strain controlled.
2. Geotechnical digital system-GDS (For unsaturated soil)
3. Slurry consolidometer
4. Automated low (confining) pressure triaxial shear test apparatus
5. Block vibration test
6. Model testing on retaining wall
7. Model testing on piles
8. Model testing on footings
9. Ring shear apparatus

Getting to IITK

The Campus of IIT Kanpur is located off the Grand Trunk Road near Kalyanpur, about 16 km west of Kanpur city.

Arrival by AIR: Visitors are recommended to fly into Lucknow Airport. Lucknow airport is located about 80 kms from IIT Kanpur. You can hire taxis at the airport. It takes between two and three hours to drive from the Lucknow airport to the IITK. Kanpur airport has very limited flights.

Arrival by TRAIN: Kanpur Central Railway station is well connected to most cities in North, East and Central India. It is located on the Delhi-Kolkata train route. IIT Kanpur is located at a distance of about 16 kilometers from the Kanpur Central Railway Station. It is possible to hire taxis and autorickshaws to travel to IITK from the station. It takes about 40 minutes to drive from Kanpur Central railway station to IIT Kanpur.

Arrival by ROAD: Kanpur lies on National Highway 2 (NH2) connecting Amritsar in the North to Kolkata in the East. It passes through New Delhi, Agra, Kanpur, Allahabad and Patna enroute. It is about 480 km from Delhi via this highway. Kanpur is also connected to Lucknow on NH25 and is about 90 km from Lucknow. Kanpur is also connected to Delhi (440 Km) via another highway NH81 passing through Ghaziabad and Aligarh.