

**Short Term Course  
on  
Advances in Geotechnical and Geo-  
Environmental Engineering (AGGE)**

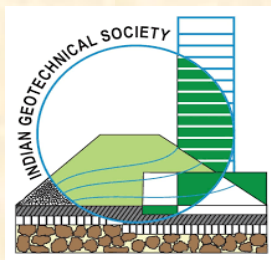
**Organized by**

**National Institute of Technology  
Patna**



**25<sup>th</sup> to 29<sup>th</sup> Oct, 2021**

**In association with**



**IGS Patna  
Chapter**

## **ABOUT NIT PATNA**



National Institute of Technology Patna (NITP) is the 18<sup>th</sup> National Institute of Technology created by the Ministry of Education (formerly MHRD) Government of India after rechristening the erstwhile Bihar College of Engineering Patna on 28.01.2004. NIT Patna marked its humble beginning in 1886 with the establishment of pleaders' survey training school which was subsequently upgraded to Bihar College of Engineering in 1924. This made this Institute the 6<sup>th</sup> oldest Engineering Institute in India. The Institute imparts high level education, training, research and development in science, engineering, technology and humanities along with high quality education and values at UG, PG and Ph.D. levels

## **ABOUT THE STC**

Geotechnical engineering has a crucial role in shaping and achieving the sustainability credentials of a project, therefore better geotechnical practices would reduce impacts at the point in a construction project when some of the greatest gains can be made. However, there is still resistance and reluctance for the geotechnical world to change to enrich the Knowledge of faculties through interaction with eminent personalities from industries and academics. The knowledge sharing will improve the teaching learning process to the students and benefit the society.

## **STC TOPICS**

- **Soil Investigation**
- **Modelling of Pile Foundation**
- **Sustainable Soil Stabilization**
- **Liquefaction Behaviour**
- **Utilization of Industrial Waste**
- **Defects in Large diameter bored pile**
- **Dynamic Characterization of soil**
- **Geo-cell Reinforcement**
- **Soil Stabilization**
- **Environmental Geotechnique**

## WHO CAN ATTEND?

Faculty members, Designers, Consultant, Research Scholars and UG/PG students of Civil Engineering field can participate in the Short Term Course.

## RESOURCE PERSON

1. Prof. Vishwas A Sawant, IIT Roorkee
2. Prof. A.K. Choudhary, NIT Jamshedpur
3. Prof. Sarat Das, IIT (ISM) Dhanbad
4. Mr. Ravi Sundaram, CENGRS LTD
5. Dr. Sunita Kumari, NIT Patna
6. Dr. A K. Jha, IIT Patna
7. Dr. Anil Kumar Sharma, NIT Patna
8. Dr. Shiv Shankar Kumar, NIT Patna
9. Dr. Lini Dev K, NIT Patna
10. Dr. Akash Priyadarshi, MIT  
Muzaffarpur

## IMPORTANT DATES:

**Course Period:** 25<sup>th</sup> to 29<sup>th</sup> Oct, 2021  
**Morning Session** – 10.30 AM - 12.30 PM  
**Afternoon Session** -2:30 PM – 4.30 PM

### CHIEF PATRON

**Prof. P. K. Jain (Director, NIT Patna)**

### PATRON

**Prof. S.K. Verma (Dy. Director, NIT Patna)**

### ADVISORS

1. **Prof. N.K. Samadhiya, IIT Roorkee**
2. **Prof. G.L. Sivakumar Babu, IISc Bangalore**
3. **Prof. G Madhavi Latha, IISc Bangalore**
4. **Prof. Satyendra Mittal, IIT Roorkee**
5. **Prof. T. V. Bharat, IIT Guwahati**
6. **Mr. Ravi Sundram, CENGRS Ltd.**

### CONVENER

**Prof. A K Choudhary, NIT Jamshedpur**

### COORDINATORS

**Dr. Sunita Kumari**

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Assistant Professor, NIT Patna  
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## ORGANISING COMMITTEE

Prof. S S Mishra

Prof. L B Roy

Dr. N S Maurya

Dr. Pijush Samui

Dr. Avijit Burman

Dr. S S Choudhary

Dr. Lini Dev K

Dr. S S Kumar

Dr. A Priyadarshree

Mr. Vijay Kumar

Mr. Ashish Kumar

## REGISTRATION PROCESS

STC on “Advances in Geotechnical and Geoenvironmental Engineering”  
25th to 29th Oct, 2021

There is no participation fee. E-Certificate will be issued to all participants who will be attending the sessions.

For Registration, click below Link:

[https://docs.google.com/forms/d/1aySRPk24eQp3UNI8amcfG152AexhUht\\_bONghk2tfb4/edit](https://docs.google.com/forms/d/1aySRPk24eQp3UNI8amcfG152AexhUht_bONghk2tfb4/edit)

Last date of registration: 23th Oct 2021