

Five day Online Short-Term Course on

ADVANCES IN GEOTECHNICAL ENGINEERING FOR SUSTAINABLE DEVELOPMENT (AGESD-2020)

(Sponsored by TEQIP-3)

26-30, September 2020

(09:30am – 11:00am)



Organized by



IGS Srinagar Chapter
in Association with Department
of Civil Engineering
National Institute of Technology
Srinagar J&K-190006, and
TEQIP-3

ELIGIBILITY

This program is open to faculty members, research scholars, PG & UG Students, and industrial personnel.

REGISTRATION

Registration fee: Nil

No. of participants is limited to 100
(**First-Come-First-Serve Basis**)

ONLINE REGISTRATION LINK

<https://forms.gle/TPeF8PgNrKx9o2kU9>

Last date for Online Registration:

24-09-2020: 05.00PM

CERTIFICATION

E-Certificate will be provided to all the participants who will attend the STC on all days.

CONTACT DETAILS

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ABOUT THE INSTITUTE

National Institute of Technology, Srinagar was established in 1960 as the Regional Engineering College, Srinagar. The Institute acquired the status of NIT in August, 2003 and attained full autonomy in its Academics. In 2007, it became an Institute of National Importance. It is one of the 31 NITs and it is directly under the control of the MHRD. The Institute is situated at the banks of world-famous Dal Lake. Besides running various undergraduate, post graduate and doctoral programmes, Institute has also established an Innovation Incubation and Entrepreneurship Development (IIED) centre.

ABOUT THE DEPARTMENT

The Department of Civil Engineering was established in the year 1960 and is among the oldest departments in the institute. The department runs one undergraduate programme leading to a bachelor's of technology (B. Tech) degree in Civil Engineering, Four postgraduate programmes leading to a Master's of Technology (M. Tech) degree in Water Resources Engineering, Structural Engineering, Geotechnical Engineering and Transportation Engineering & Planning. The department also runs a PhD programme. The department has experienced and distinguished faculty with all of them having Ph.D. from renowned institutes from India and Abroad. There are well equipped fifteen laboratories in the department catering to the needs of the students. A number of students are recruited by various organizations including public sector undertakings such as PowerGrid Corporation of India, L&T India, Simplex Infrastructures Ltd, Indian Oil, Bharat Petroleum, Bharat Heavy Electricals Limited to mention a few.

ORGANIZING COMMITTEE

PATRON

Prof. (Dr.) Rakesh Sehgal
Director, NIT Srinagar

CO-PATRON

Prof. M. F. Wani
Coordinator TEQIP-3, NIT Srinagar

CONVENER

Dr. M. A. Ahangar
Prof & Head
Department of Civil Engineering
N. I. T. Srinagar

COORDINATOR

Dr. B. A. Mir, Professor
Department of Civil Engineering
(Hon. Secretary IGS Srinagar Chapter)

ABOUT THE WORKSHOP

The Department Civil Engineering, National Institute of Technology Srinagar, J&K is organizing 5 Day Online Short-Term Course on Advances in Geotechnical Engineering for Sustainable Development (ACESD 2020) and is inviting scholars, researchers, and engineers to register themselves and get benefitted from cutting-edge, exciting, and new breakthrough work in the areas of Geotechnical Engineering.

The Five-day online Short-Term Course will be held on 26-30 September 2020, at N. I. T. Srinagar, J&K by Civil Engineering Department in cooperation with Indian Geotechnical Society Srinagar Chapter and supported by TEQIP-3.

This Online Short-Term Course aims to provide a forum for dissemination of modern knowledge on civil and infrastructure engineering by scholars, researchers, and engineers from around the world.

The Short-Term Course will feature presentations on various topics within the domain of civil engineering in general by Eminent Speakers and will also serve as a platform for academics, researchers, and engineers in and outside J&K to share and exchange knowledge and experience in research on sustainable development related to Civil Engineering.

EMINENT SPEAKERS/TOPICS

1. Dr. Ashish Juneja, Professor, Deptt. of Civil Engg., I.I.T., Mumbai, India.

Topic: Strain Accumulation in Soils due to Repeated Loading

2. Dr. Sarat Kumar Das, Professor, Deptt. of Civil Engg., I.I.T., Dhanbad, Jharkhand-826004, India.

Topic: Evolutionary Optimization Methods in Geotechnical Engineering

3. Dr. P. Savoikar, Professor, Deptt. of Civil Engg., Goa Engineering College, Farmagudi Goa, India.

Topic: Rainfall induced landslides

4. Dr. Munir Ahmad Nayak, Assistant Professor, Deptt. of Civil Engg., I.I.T, Indore, Madhya Pradesh, India.

Topic: Theory of groundwater extraction and land subsidence

5. Dr. Y. A. Kolekar, Associate Professor, Deptt. of Civil Engg., College of Engg. Pune, Shivajinagar, Pune-411005, Maharashtra, India.

Topic: Geophysics an effective tool in Geotechnical studies

One Week Online Short Term Course on “Advances in Geotechnical Engineering for Sustainable Development (AGESD-2020)” (Sept. 26-30, 2020)

Event Schedule (Day/ Slot/ Topic/ Resource Persons)

Date	Time	Lecture No.	Speaker Name	Topic
Sept. 26, 2020	09:00 AM – 09:30 AM	Inauguration of STC		
Sept. 26, 2020	09:30 AM – 11:00 AM	Lecture-1	Prof Ashish Juneja, Professor, Department of Civil Engineering, Indian Institute of Technology (IIT), Bombay, Mubmai, India	Strain Accumulation in Soils due to Repeated Loading
Sept. 27, 2020	09:30 AM – 11:00 AM	Lecture-2	Dr. Sarat Kumar Das, Professor, Department of Civil Engineering, Indian Institute of Technology (ISM), Dhanbad, Jharkhand-826004, India	Evolutionary Optimization Methods in Geotechnical Engineering
Sept. 28 2020	09:30 AM – 11:00 AM	Lecture-3	Dr. Purnanand Savoikar, Professor, Department of Civil Engineering, Goa Engineering College, Farmagudi, Goa, India	Rainfall induced landslides
Sept. 29, 2020	09:30 AM – 11:00 AM	Lecture-4	Dr. Munir Ahmad Nayak, Assistant Professor, Department of Civil Engineering, IIT Indore, Madya Pradash, India	Theory of groundwater extraction and land subsidence
Sept. 30, 2020	09:30 AM – 11:00 AM	Lecture-5	Dr. Y. A Kolekar, Associate Professor, Department of Civil Engineering College of Engg. Pune, Pune, Maharashtra, India.	Geophysics an effective tool in Geotechnical studies
Sept. 30, 2020	11:05 PM	Valedictory		

**Coordinator
Prof. B. A. Mir**