

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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9419002500

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-PATRONS

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Coordinator TEQIP-3, NIT Srinagar

Prof. F. A. Mir
Vice Chairman IGS Srinagar Chapter

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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 NIT 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, IIT Bombay, Powai, Mumbai, India.
Topic: Strain Accumulation in Soils due to Repeated Loading
2. Dr. Sarat Kumar Das, Professor, Deptt. of Civil Engg., IIT 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., IIT Indore, Madya Pradash, 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



Five day Online Short Term Course (STC)
on
ADVANCES IN GEOTECHNICAL ENGINEERING FOR
SUSTAINABLE DEVELOPMENT (AGESD-2020)

Organized by the Department of Civil Engineering and Sponsored by TEQIP-3,
National Institute of Technology Srinagar-190006, J&K
(An Institute of National Importance under Ministry of Education, Govt. of India)
September 26-30, 2020 (09:30AM-11:00AM, IST)

Inauguration Session of STC will start sharp by 08:30AM through Zoom. The minute to minute Inauguration schedule is given below:

Inaugural Day & Date: Saturday - 26TH September 2020 (08:30AM - 09:30 AM, IST)

Inaugural Ceremony Details are:

Sl. No.	Activity Description	Time
1	Online Joining by the Participants through Zoom	08:30AM - 08:45AM
2	Welcome by the Host, Er. Nadeem/Er. Najam	08:45AM - 08:49AM
3	Welcome by Coordinator, Prof. B. A. Mir	08:50AM - 08:54AM
4	Address by the Vice Chairman IGS Srinagar Chapter, Prof. F. A. Mir	08:55AM - 08:59AM
5	Address by the Head CED, Prof. M. A. Ahangar	09:00AM - 09:04AM
6	Address by the Guest of Honour Dean (Research & Consultancy), Prof. G. A. Harmain	09:05AM - 09:09AM
7	Address by the Guest of Honour TEQIP-III Coordinator, Prof. M. F. Wani	09:10AM - 09:14AM
8	Address by the Chief Guest, Director, Prof. Rakesh Sehgal	09:15AM - 09:24AM
9	Vote of Thanks by Prof. M. Y. Shah	09:25AM - 09:29AM
10	Technical Session	09:30AM-11:00AM

Thank you.
Regards

Er. Nadeem/Er. Najam
Host

Prof. B. A. Mir
Coordinator

Prof. M. A. Ahangar
Professor & Head, CED

**One Week Online Short Term Course on “Advances in Geotechnical Engineering for Sustainable Development (AGESD-2020)”
w. e. f. Sept. 26-30, 2020: 9.30am – 11.00am**

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

Date	Time	Lecture No.	Speaker Name	Topic
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**