

Online e- Short Term Course on
"Advances in Transportation and
Environmental Geotechnics
(ATEG-2022)"

4th April - 8th April 2022



Coordinators

Dr. Manendra Singh
Dr. Jitendra Singh Yadav

Organized by



Department of Civil Engineering
National Institute of Technology Hamirpur
Hamirpur-177005 (H.P.)

About the Institute

National Institute of Technology Hamirpur is one of the thirty-one NITs of the country, which came into existence on 7th August 1986 as Regional Engineering College, a joint and cooperative enterprise of the Govt. of India and Govt. of Himachal Pradesh. On 26th June 2002, REC Hamirpur was awarded the status of Deemed University and upgraded to National Institute of Technology. The Institute offers Bachelor, Master and Doctoral programs in Engineering, Sciences, Architecture, Management and Humanities. Various programs serve the purpose of building a comprehensive foundation of knowledge and of enhancing confidence, creativity and innovation in its students.

About the Department

National Institute of Technology, Hamirpur was established in the year 1986 and the Civil Engineering Department is part of the institute since its inception. Civil Engineering is the branch with a lot of diversity right from structural to transportation engineering, environmental to hydrology to hydraulics engineering, geology to geo-technology to earthquake engineering. Being one of the primary Engineering Departments of the Institute, the Department of Civil Engineering offers B. Tech., M. Tech. and Ph.D. degree programs. The Department has been imparting quality education at undergraduate and postgraduate level. The faculty members have been active in teaching, research as well as academic activities.

Patron

Prof. Hiralal Murlidhar Suryawanshi
Director, NIT Hamirpur (H.P.)

Chairperson

Dr. S. S. Katoch
Head, DoCE, NIT Hamirpur (H.P.)

Convener

Prof. R. K. Dutta
Professor, DoCE, NIT Hamirpur (H.P.)

Coordinators

Dr. Manendra Singh
Dr. Jitendra Singh Yadav
Assistant Professor, DoCE, NIT Hamirpur (H.P.)

Organizing Committee

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Prof. Raman Parti	Dr. Manendra Singh
Prof. R.K. Dutta	Dr. Ray Singh Meena
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Dr. K.Nallasivam	Mr. Sahil Katoch
Dr. Joy Pal	Office Assistance
Dr. Joseph Tripura	Mr. Surender Kumar

About the e-STC

The Civil Engineering department, National Institute of Technology, Hamirpur is organizing one-week e-Short Term Course (e-STC), "Advances in Transportation and Environmental Geotechnics (ATEG-2022)" during 4th April- 8th April 2022 at NIT Hamirpur. The Civil engineering department welcomes researchers, engineers and industry professionals to an open forum where recent developments in the field of Geotechnical Engineering will be shared. The program will feature keynote lectures delivered by eminent experts from the various leading institutes and Industries. The course will be encompassing the broad topics within the realm of all domain of Geotechnical Engineering for research and professional development of engineering fraternities. The course aims to provide a platform for the faculties, students, research scholars and practicing engineers to enlighten their knowledge on the various recent aspects of Geotechnical Engineering.

Topics to be covered

- Geotechnical properties of geomaterials for rational and sustainable design and construction
- Behaviour of stabilized/compacted geomaterials
- Geosynthetics and reinforcement of constructed layers and interlayers
- Ground improvement and slope stability for transportation infrastructures
- Embankments for highways and high-speed trains
- Biological processes in soil
- Waste management/Utilization of wastes
- The impact of climatic changes on geoenvironmental
- Geothermal/ground-source energy

Resource Persons

Prof. Krishna Reddy, UIC, USA
Prof. N. K. Samadhiya, IIT Roorkee
Prof. B. K Maheshwari, IIT Roorkee
Prof. Priti Maheshwari, IIT Roorkee
Prof. Ashwani Jain, NIT Kurukshetra
Prof. R. K. Sharma, NIT Hamirpur
Prof. R. K. Dutta, NIT Hamirpur
Prof. Neelima Satyam, IIT Indore
Prof. C.H. Solanki SVNIT Suart
Dr. Arindam Dey, IIT Guwahati
Dr. Sreevalsa Kolathayar, NIT Karnataka
Dr. Ankit Garg, Shantou University China
Dr. Nitin Goyal, CSIR-NEERI, Mumbai
Dr. Arvind Kumar Jha, IIT Patna
Dr. Anasua GuhaRay, BITS Hyderabad

Important Dates

Last date (Online Registration): 02-04-2022

Confirmation by E-mail: 03-04-2022

e-STC Duration: 04-04-2022 to 08-04-2022

Eligibility

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

e-Registration

Registration Fee: Through SBI Collect

- (a) Rs. 200 for students
- (b) Rs. 500 for participants from Academia/R&D Labs
- (c) Rs. 1000 for participants from Industry

How to Apply

The interested candidates must deposit the nonrefundable registration fee through SBI collect with the following procedure:

- a. Go to SBI collect and choose Himachal Pradesh as the state of Institution and type of Institution as an educational institute.
- b. Choose NIT Hamirpur from Name of the Institutions and Select payment category as WORKSHOP FDP STC CONFERENCE.
<https://www.onlinesbi.com/sbicollect/icollecthome.htm>
- c. Generate the payment slip and attach it with the registration form available at the following link.

<https://docs.google.com/forms/d/1mlVLYoPPxPxGwCuytI09-h0itLVFQHuRLn96U3K-BQQ/edit>

Notes: *Applications will be accepted on first come-first serve basis.

*Venue: Through Google Meet. The link for the online course will be shared through email later.

e-Certification

E-certificates will be provided to the participants, with at least 80% attendance, upon successful completion of the program.

Contact Details

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