

RESOURCE PERSON

- Prof. P. V. Sivapullaiah**, Retired Professor, Deptt. of Civil Engg., IISc Bangalore
- Prof. N. K. Samadhiya**, Professor, Deptt. of Civil Engg., IIT Roorkee
- Prof. A. Murali Krishna**, Professor, Deptt. of Civil and Environmental Engg., IIT Tirupati
- Mr. Ravi Sundaram**, Director, Cengrs Geotechnica Pvt. Ltd
- Mr. A. Karthikeyan**, Structural and Geotechnical Consultant, Karthikeyan Associates, Chennai
- Dr. P. Anbazhagan**, Associate Professor, Deptt. of Civil Engg., IISc Bangalore
- Dr. Arindam Dey**, Associate Professor, Deptt. of Civil Engg., IIT Guwahati
- Dr. Pijush Samui**, Associate Professor, Deptt. of Civil Engg., NIT Patna
- Dr. Anil Kumar Choudhary**, Professor, Deptt. of Civil Engg., NIT Jamshedpur
- Dr. Amit Kumar Verma**, Assistant Professor, Deptt. of Mining Engg., IIT (BHU)
- Dr. Sreevalsa Kolathayar**, Assistant Professor, Deptt. of Civil Engg., NITK Surathkal

SHORT-TERM COURSE THEME

The short-term course on Soil and Rock Geotechnics for Sustainable Infrastructures (SRGSI) will focus on the following themes:

- Soil and Rock Engineering
- Soil dynamics and Earthquake Geotechnics
- Environmental Geotechnics
- Sustainable Geotechnics
- Uncertainties & reliability in Geotechnical Eng
- Computational and Geotechnical Modeling
- Soil Investigation and Soil Stabilization

ABOUT SHORT-TERM COURSE

Soil and rock geotechnics has a very crucial role in shaping and achieving the sustainability credentials of any civil engineering projects, therefore better practices of both soil and rock geotechnics would reduce the 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 soil and rock engineering world to change. The knowledge sharing through this short-term course cum interaction with eminent personalities from industries and academics will enrich and improve the knowledge of the faculties as well as teaching learning process to the students and will be beneficial to the society.

- Chief Patron** Prof. Pradip Kumar Jain
Director, NIT Patna
- Patron** Prof. Suresh Kant Verma
Deputy Director, NIT Patna
- Chairman** Prof. S. S. Mishra
Head, DCE, NIT Patna
- Convener** Dr. Sunita Kumari
DCE, NIT Patna
- Coordinators** Dr. Shiv Shankar Kumar
DCE, NIT Patna
&
Dr. Anil Kumar Sharma
DCE, NIT Patna
- Organizing Committee** Prof. L. B. Roy
Dr. Pijush Samui
Dr. Avijit Burman
Dr. Lini Dev K.
Dr. S. S. Choudhary

Online 5-Days Short-term Course on Soil and Rock Geotechnics for Sustainable Infrastructures (SRGSI) (Theory to Practice) 04th-08th April, 2022

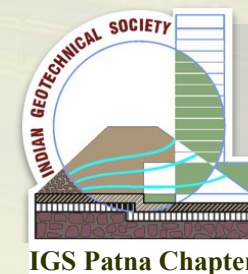


Organized by



Department of Civil Engineering
National Institute of Technology (NIT)
Patna, Bihar - 800005

In association with



NIT PATNA



National Institute of Technology (NIT) Patna was formerly known as the Bihar College of Engineering Patna, a constituent engineering college under Patna University, until 27th Jan 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. It was rechristened to NIT Patna on 28th Jan 2004 as an Autonomous Institute under MHRD, Govt. of India. It is 18th NIT created by the Ministry of Education (formerly MHRD) Government of India and one of the 6th 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 PhD level. NIT Patna has the centre for water resources studies, which was set up during the year 1996 in response to perceived needs of the people of this region. The centre has presently a very prestigious Chair named as "Dr. Rajendra Prasad Chair for Water Resources".

DEPARTMENT OF CIVIL ENGINEERING

The Department of Civil Engineering is the oldest and vibrant department of the institute, which was established along with the inception of the Institute in the year 1924. The Department of Civil Engineering is committed to provide quality teaching and research opportunities to its undergraduate, postgraduate and doctoral students. Apart from UG programme, the department also offers M. Tech and Doctoral programmes in the areas of Structural Engineering, Transportation Engineering, Water Resource Engineering, Environmental Engineering and Geotechnical Engineering. The Department is actively involved in international and national research projects, and high valued consultancy works for the Government, Private Sector and Industries. The department also offers its expertise in various consultancy works and research projects for different industries and organizations in the locale. The Department supports in up-bringing of society and other educational institutes by providing training, workshops, technology transfer, capacity building, and awareness programs. The Department of civil engineering, NIT Patna, has established "EARTHQUAKE Safety Clinic and Centre", in January 2015, in collaboration with the Bihar State Disaster Management Authority.

COORDINATORS

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&

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REGISTRATION DETAILS

The details of registration fee for this short-term course are as follows:

Research Scholar/PG/UG Students : Rs. 250/-
Academician/ Faculty members : Rs. 500/-
R & D/Industry/Corporate Executives: Rs. 750/-

Please transfer the required amount of fee for the short-term course before filling the Google-registration form. Registration amount has to be transferred to below mentioned account details:

Name of Account: **IGS Patna Chapter**
Current Account No.: 50495326210
IFSC Code: IDIB000B810
Bank Name: Indian Bank
Branch: NIT Patna Campus

For Registration, click below Link:

<https://forms.gle/G4jxG4fyXGapgsih6>

WHO CAN ATTEND?

Academicians, Faculty members, Design engineers, Consultant, Research Scholars and PG/UG students of civil engineering field can participate in this short-term course on SRGSI.

IMPORTANT DATES

Course Duration: 04th to 08th April, 2022

Morning Session: 10.30 AM – 12.30 PM

Afternoon Session: 2:30 PM – 4.30 PM

Last date of registration: 2nd April 2022

E-Certificate will be issued to all participants who will be attending the sessions.

For all correspondence, please contact:

Coordinators, SRGSI

Department of Civil Engineering

National Institute of Technology (NIT) Patna

Ashok Rajpath, Patna, Bihar - 800005

For more details visit website:

<http://www.nitp.ac.in>