

# International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE)

## TC-216 Workshop

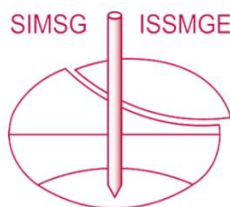
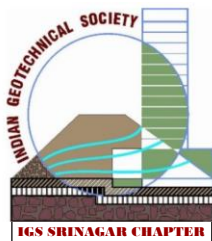
on

### “Advancements in Geotechnical and Foundation Engineering for Difficult Ground Conditions (AGFEDGC-2023)”

26 – 30 July 2023



Organized by



**IGS Srinagar Chapter in Association with  
TC-216 of International Society for Soil  
Mechanics and Geotechnical Engineering  
(ISSMGE), Indian Geotechnical Society (IGS)  
New Delhi, and Department of Civil  
Engineering, National Institute of Technology  
Srinagar, J&K**

#### ELIGIBILITY

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

#### REGISTRATION

##### Registration fee:

Rs. 1000 for Academicians/IGS Members

Rs. 1500 for Industry/Non-IGS Members

Rs. 500 for Students

#### PATRON

Director, NIT Srinagar

#### CHAIRMAN

Head, Dept of Civil Engg

#### GUEST OF HONOURS

President, IGS New Delhi

Chairman, IGS Srinagar Chapter

#### ORGANIZING TC216 TEAM

##### CONVENOR

Prof. B. A. Mir

##### COORDINATORS

Dr. Majid Hussain, Dr. Falak Zahoor

Dr. R. P. Shukla, Dr. Ritesh Ingle

##### ADVISORY COMMITTEE

Head, Deptt of Civil Engineering, NIT Srinagar

President, IGS New Delhi

Nodal Officer for IGS Diamond Jubilee Fest (North)

Chairman, IGS Srinagar Chapter

Hon. Secretary IGS (main) New Delhi

Hon. Secretary IGS Srinagar Chapter

##### Nominated Members (TC-216):

Takashi Ono, Chair TC-216 (Japan)

Arne Instanes, Secretary TC-216 (Norway)

Tomasz Kozłowski (Poland)

Chao Zhang (China)

Daichao Sheng (Australia)

G. Sridevi (India)

#### 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 on the banks of the world-famous Dal Lake. Besides running various undergraduate, postgraduate and doctoral programmes, Institute has also established an Innovation Incubation and Entrepreneurship Development (IIED) center.

#### 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 of Technology (B. Tech) degree in Civil Engineering, four postgraduate programmes leading to a Master of Technology (M. Tech) degree in Water Resources Engineering, Structural Engineering, Geotechnical Engineering, and Transportation Engineering & Planning. The department also runs a Ph.D. programme.

## ABOUT THE WORKSHOP

On the occasion of **Diamond Jubilee Celebrations of Indian Geotechnical Society (2023)**, the Department of Civil Engineering, National Institute of Technology Srinagar, J&K is organizing **Five Day ISSMGE-TC216 Workshop on Advancements in Geotechnical and Foundation Engineering for Difficult Ground Conditions (AGFEDGC-2023)** 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.

Geotechnical engineering is one of the most specialized disciplines in the ever-changing world of engineering, technology, and construction. Geotechnical engineers are often called upon to integrate theory, state-of-the-art practices, and economic trade-offs to develop sound and feasible solutions to subsurface conditions and problems. In order to accomplish this, geotechnical engineers must rely on the knowledge of civil engineering, geology, hydrology, and knowledge of soil and rock mechanics to predict the compatibility of man-made structures with the underlying soil and rock materials.

The Five-day ISSMGE-TC216 Workshop will be held from 26 -30 July 2023 at NIT Srinagar, J&K by IGS Srinagar Chapter in association with Civil Engineering Department and Indian Geotechnical Society (IGS) Delhi in **hybrid mode**. This ISSMGE-TC216 Workshop aims to provide a forum for dissemination of modern knowledge on civil and infrastructure engineering by scholars, and researchers to share and exchange knowledge and experience in research on sustainable development related to Geotechnical applications in Difficult Ground Conditions. Topics include, but are not limited, to the following:

- Engineering Behavior of soft soil and rock
- Frost susceptibility of soils
- Liquefaction during earthquakes
- Unstable hill slopes, landslides, fractured rocks
- Filled-up ground, & earthen structures
- Erosion, floods, scour, cloudburst, etc
- Feasibility studies, field observation, and testing
- Soil improvement, eco-materials (recycled, materials from waste, bio-based materials, etc.)
- Pavement design

## EMINENT SPEAKERS

1. Dr. Anil Joseph, President Indian Geotechnical Society (IGS) New Delhi
2. Prof. Tomasz Kozłowski, Head of Department of Geotechnical Engineering and Waste Management, Kielce University of Technology Aleja Tysiaclecia Panstwa Polskiego 7, 25-314 Kielce, Poland
3. Prof. K S Rao Emeritus Professor, Geotechnical and Rock Engineering Department of Civil Engineering Indian Institute of Technology Delhi
4. Dr. Altaf Usmani, DGM Engineers India Limited, New Delhi.
5. Dr. B. A. Mir, Professor, Department of Civil Engineering, NIT Srinagar, J&K
6. Dr. Seethalakshmi P., Assistant Professor, Department of Civil Engineering, NIT Calicut, Kerala.
7. Dr. Saloni Pandya, Assistant Professor, Department of Engineering and Technology, Navrachana Univ. Gujarat.
8. Dr. Prajakta Jadhav, Postdoctoral Fellow, University of British Columbia, Vancouver, Canada.
9. Dr. Majid H. Mir, Assistant Professor, Department of Civil Engineering, NIT Srinagar J&K
10. Dr. Mohd Mohsin Thakur, Research Scientist Johns Hopkins Univ., USA.
11. Dr. R. P. Shukla, Assistant Professor, Department of Civil Engineering, NIT Srinagar J&K
12. Dr. Ritesh Ingle, Assistant Professor, Department of Civil Engineering, NIT Srinagar J&K
13. Dr. Falak Zahoor, Assistant Professor, Department of Civil Engineering, NIT Srinagar J&K
14. Dr. Lateef Ahmad Dar, Consultant J&K Govt
15. Dr. Abdullah Ansari, Postdoc Research Fellow Inha Univ. Republic of Korea
16. Dr. Chaidul Choudhuri, Ph.D. Scholar, Department of Civil Engineering, IIT Bombay, MH.
17. Er. Siva Subramanian, Technical Director Vishaha Con Pvt. Ltd., Chennai
18. Er. Amjeth Basheer, Geotechnical Engineer. Horizon Geosciences, UAE
19. Er. Rufaiadah Shah, Ph.D. Scholar, Department of Civil Engineering, NIT Srinagar J&K
20. Er. Nadeem Gull, Ph.D. Scholar, Department of Civil Engineering, NIT Srinagar J&K
21. Er. Rakshanda Showkat, Ph.D. Scholar, Department of Civil Engineering, IISc Bangalore
22. Er. Sahil Wani, Ph.D. Scholar, Department of Civil Engineering, IIT Madras, Chennai, TN.
23. Er. Abdul Waris, Ph.D. Scholar, Department of Civil Engineering, IIT Hyderabad, TL.

## CONTACT DETAILS

**Prof. B. A. Mir;** ✉ [p7mir@nitsri.ac.in](mailto:p7mir@nitsri.ac.in) ☎ +91-9419002500

**Dr. Majid Hussain;** ✉ [majid.h@nitsri.ac.in](mailto:majid.h@nitsri.ac.in) ☎ +91-9998547248

[Registration Link \[ Use Adobe Acrobat\]](#)

<https://forms.gle/zw84pFi7L5duzhS57>

**Registration Fee Scan** 



Account Number : 0391040510000006, IFSC Code: JAKA0RECSGR  
Scan and Pay using any UPI supported Apps

**Limited accommodation is available on payment basis in NIT Guesthouse. Interested participants may contact guesthouse incharge for further details at: [guesthouse@nitsri.ac.in](mailto:guesthouse@nitsri.ac.in)**