

REGISTRATION FORM

National Institute of Technology Karnataka,
Surathkal Srinivasnagar, Mangaluru 575025, India.
One week National E-Workshop on Slope Stability
& stabilisation methods in Open pit Mines
(SSOPM-2021) 8th - 12th February, 2021

Name.....
Designation.....
Organisation:.....
MailingAddress.....
PIN:.....Telephone:
Mobile:.....
Email:

DECLARATION BY THE PARTICIPANT

The information furnished above is true to the best
of my knowledge. I agree to abide by the rules and
regulations governing the programme. If selected, I
shall attend the programme for the entire duration.
I also undertake the responsibility to inform the
Coordinator(s) sufficiently in advance, in case I am
unable to attend the programme.

Date:
Signature of Applicant

LINK FOR REGISTRATION

<https://forms.gle/UmX9r2zMqY3jg4yy6>

Place: NITK Surathkal
Date: 20/1/2021

One week National E-Workshop on SLOPE STABILITY & STABILISATION METHODS IN OPEN PIT MINES

(SSSMOPM-2021), 8th - 12th February, 2021
Sponsored by TEQIP PHASE-III



Patron

Prof. Karanam Umamaheshwar Rao
Director
National Institute of Technology Karnataka, Surathkal



Organized by

Department of Mining Engineering
National Institute of Technology Karnataka Surathkal,
Srinivasnagar P.O., Mangaluru-575 025 www.nitk.ac.in

IMPORTANT DATES

Last date for receipt of application: 5th
Feb, 2021 Intimation of selection (via an e-
mail): 6th Feb, 2021

WORKSHOP VENUE

E-Workshop: Microsoft Teams

CONTACT INFORMATION OF CO-ORDINATORS

Dr. S.K Reddy
Assistant Professor

Dr.K. Ram Chandar
Associate Professor

Department of Mining Engineering
NITK Surathkal, PO Srinivasnagar
Mangaluru-575025

Email ID: sssmopm2021@gmail.com

NITK SURATHKAL

Since its inception in 1960, the National Institute of Technology Karnataka (NITK), Surathkal has established itself as a premier Institution engaged in imparting quality technological education and providing support to research and development activities. NITK has conferred the status of an Institution of National Importance vide NIT Act No.29 of 2007 by Govt. of India and is consistently ranked as one of the top ten technical institutions in India. Presently, NITK offers 9 Bachelors, 28 Masters and Doctoral Degree programs. The institute is located 22 kilometers north of Mangalore City along the Kanyakumari-Mumbai National Highway-66, amid 300 acres of sylvan surrounding with the picturesque Western Ghats on the east and sun-kissed sands of the Arabian Sea to the west.

NITK is committed to enhancing the capabilities and potential of our human resources with the objective of transforming them into leaders in their chosen areas of interest. Our vision is to strive for excellence, be globally competitive in technical education and focus on knowledge assimilation, generation, and dissemination. The year-long activities during the occasion showcased the glorious contributions of NITK in various fields of its activities and projected new initiatives for the coming years.

DEPARTMENT OF MINING ENGINEERING

The Department of Mining engineering was established in the year 1984 and about 857 undergraduates passed out from the portals of Department till 2020. Several girls obtained their B.Tech Mining Degree from this Department. The Department also offers M.Tech (Research) programme in Rock Excavation Technology and Management and Ph.D in Mining Engineering. The Department is having high professional faculty members with Ph.D degrees backing with National and International exposure. With the mission of imparting quality education for meeting the needs of Mining Engineering Profession & Society, the Department is achieving its excellence through creative teaching- learning and research.

ABOUT THE E-WORKSHOP

The near surface and shallow mineral deposits have almost exhausted and hence the open pit mines are becoming deeper and deeper. With the increase in depth, problems associated with these open pit mines like slope stability, transport, etc. are also continuously enhancing. In the recent past many slope failure accidents/incidents resulted in loss of men & material, damage to the equipment and, strained industrial relations, etc. Subsequent to such incidents, changes are made in law regarding preparation of mining plans and working of open pit mines. As per the current statute, before starting a mechanized opencast working, it's method of working, ultimate pit slope, dump slope and monitoring of slope stability shall be designed and worked as determined scientifically by a competent agency. Under these circumstances, it is necessary to update the knowledge of Practicing Mining Engineers, Mining Engineering Faculty, Post-graduate Students and Research Scholars of mining on this subject of stability of slopes and dumps design, forming, monitoring and assessing factor of safety. Therefore, a five days online Faculty Development Program is being organized through resource persons associated with the above activities.

ATTENDING THE E-WORKSHOP WILL HELP THE PARTICIPANT TO:

- Understand various aspects of slope failures
- Familiar with different types of slope failures
- Understanding design of slopes (analytical & numerical)
- Identify latest technical challenges; know research updates, and prospective breakthroughs in the field of slope monitoring
- Enrich knowledge about the advancements in existing slope stabilization techniques

CONTENTS OF PROGRAMME

Benefits to Participants include acquiring knowledge in the under mentioned areas of relating slopes in open pit mines

- Different types of slopes, their failure modes and conditions under which each of these failures take place.
- Design (analytical & numerical)
- Slope Monitoring Techniques
- Different Stabilising Techniques
- Case Studies of various deposits

ELIGIBILITY AND SELECTION CRITERIA

Programme is open to Faculties, Research Scholars, Field Engineers and PG students of Engineering Colleges in the Department of Mining Engineering and related Engineering and Science disciplines. Filled-in registration form in PDF should reach sssopm2021@gmail.com on or before 5th Feb, 2021. The selected participants will be informed via an email before 6th Feb, 2021.

APPLICATION SHOULD BE SENT THROUGH E-MAIL ONLY.

REGISTRATION

There is no registration fee for the programme. The E-certificate will be provided through registered e-mail.

RESOURCE PERSONS

Resource persons are experts from IIT's, NIT's, Research Labs, Regulatory Bodies & Industry.