About Us:

Sikkim Institute of Science and Technology

SIST is the only State Engineering Degree College of Sikkim located at Chisopani, South Sikkim. The institute is affiliated to Central University Sikkim popularly known as Sikkim University. The institute was established in 2018 under RUSA project, and it offers B.Tech in Civil Engineering and Computer Engineering. SIST is AICTE approved state goverment engineering college.

BALKAPSO Construction

Founded in 2017, BALKAPSO Construction is a structural engineering firm focused on delivering efficient solutions in design, analysis, retrofitting, and non-destructive testing. The firm combines practical field experience with a strong technical foundation to address real-world engineering challenges. BALKAPSO through its engagement with professionals and students, promotes a deeper understanding of structural safety and applied engineering practices.

Certificates, Lunch and tea will be Provided to all the Participants.

Conducted By

Department of Civil Engineering,
Sikkim Institute of Science and Technology
&
BALKAPSO Construction

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Shri. Sandeep Tambe, IFS

Principal Secretary, Education Department,

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Program Coordinator:

Mr. Pretam Dahal

CONTACT AND REGISTRATION

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SIKKIM INSTITUTE OF SCIENCE AND TECHNOLOGY
Under the Directorate of Technical Education, Education Department, Government of Sikkim, Chisopani, South Sikkim

Workshop cum Refreshers Course

"Quality Concrete, Resilient Construction & Retrofitting in Hilly Region"

16th - 18th April 2026

Organised By

Department of Civil Engineering,
Sikkim Institute of Science and Technology
in Collaboration with
BALKAPSO Construction

Key Highlights

WORKSHOP FEATURES

Bridging Theory and Practice

Empowering engineers with practical skills for quality and resilient construction.

Expert Lectures

Sessions delivered by experienced academicians and industry experts.

Practical Demonstrations

Live demonstrations to illustrate important concepts such as concrete mix design, reinforcement detailing, and on-site quality control practices.

Technical Discussions & Case Studies

Interactive discussions based on real construction scenarios, focusing on challenges and solutions in hill construction and resilient infrastructure development.

DISTINGUISHED RESOURCE PANEL

Mr. Solmon Sharma -
CEO, BALKAPSO

Structural Engineer specialising in Retrofitting and Seismic Designing.

Mr. Yogendra Pradhan -
Superintending Engineer, Education Department, Government of Sikkim.

District Head of Engineering cell, Education Department, Namchi with 30 years of experience in the construction industry.

Mr. Ashok Chettri-
Superintending Engineer, Tourism and Civil Aviation Department, Government of Sikkim.

Superintending Engineer (SE), Tourism and Civil Aviation Department, possessing strong expertise in technical compliance, and guiding multidisciplinary teams for efficient delivery of infrastructure projects.

Ms. Dawa Zangmu Sherpa-
Assistant Engineer, Roads and Bridges Department, Government of Sikkim.

Assistant Engineer in Roads and Bridges Department with Experience in Reviewing and refining DPR, Planning & Execution of Road Infrastructure.

MEET OUR SPONSORS

Our sponsors are key partners in this initiative, whose support and commitment help us achieve excellence and create meaningful impact.

Amit Agrawal & Balkapso Construction

REGISTER NOW

Limited Seats available

Topics Covered:

1. Professional Responsibilities on site
Engineers are responsible for ensuring safe, durable, and high-quality construction through proper technical knowledge, site supervision, and adherence to engineering standards.

2. Concrete Mix Design
Learn the fundamentals of designing concrete mixes for strength, durability, and optimal performance in construction.

3. Seismic Design Requirements for Buildings in Sikkim
Explore engineering techniques and solutions for safe and sustainable construction in hilly terrains.

4. Bar Bending Schedule
Gain insight into preparing and interpreting reinforcement schedules for accurate and efficient structural work.

5. Quality Control on Site
Discover essential inspection and testing practices to ensure construction quality and structural reliability.

6. Retrofitting and Seismic Resilient Structures
Learn modern methods of strengthening structures to improve safety and serviceability.

Target Audience:

Perfect for **Assistant Engineers, Junior Engineers, final-year students, and construction enthusiasts,** this program provides practical skills in Bar Bending Schedule (BBS), concrete Mix Design, seismic resilience, and retrofitting equipping you to handle real-world construction challenges in hilly regions like Sikkim.