

ONE DAY
WORKSHOP
ON

**Cold-Formed Steel
Construction**

(20TH NOVEMBER, 2022)

REGISTRATION PERFORMA

Name.....

Designation and Official Address.....

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Contact Details:

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E-mail.....

Category (please tick):

UG/PG/PhD/Academician/Industry Person

Mode(Please tick): Online Offline

Payment De- **tails:**

Transaction Id / Reference Id:

.....

Date of Payment:

Amount:

Applicant Signature

PATRON

Prof. Lalit Kumar Awasthi
Director, NIT, Uttarakhand

CONVENER

Dr. A. K. Anupam
Assistant Professor
CE-Department, NIT, Uttarakhand

COORDINATOR(S)

Dr. Shashi Narayan
Assistant Professor
CE-Department, NIT, Uttarakhand

Dr. Amardeep
Assistant Professor
CE-Department, NIT, Uttarakhand

ADDRESS FOR CORRESPONDENCE

Interested persons should send the nomination on the enclosed Performa duly signed by the applicant along with the course fee to:

Dr. Shashi Narayan

Assistant Professor
Department of Civil Engineering
National Institute of technology, Uttarakhand
Mobile: +919945670734
E-mail: shashi@nituk.ac.in

Or

Dr. Amardeep

Assistant Professor
Department of Civil Engineering
National Institute of technology, Uttarakhand
Mobile: +919958849636
E-mail: amardeep@nituk.ac.in

ONLINE FORM

Alternatively one can register to the course by submitting the following form

<https://forms.gle/WfDYDTNgfCiygaqT9>

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Organized By



Department of Civil Engineering
National Institute of technology, Uttarakhand
Srinagar Garhwal- 246174 (Uttarakhand),
India

INTRODUCTION

National Institute of Technology, Uttarakhand (NITUK) is one of the 31 National Institutes of Technologies in the country. Since its inception, this Institute has grown in many fields and has established itself as one of the best Technical Educational Institutes. NITUK was established in 2009 under the Act of Parliament by the Ministry of Education (Shiksha Mantralaya). The Institute offers full-time B. Tech. and M.Tech. Program in Computer Science & Engineering, Electrical & Electronics Engineering, Electronics & Communication Engineering, Mechanical Engineering, and Civil Engineering.

Institute has shown consistent progress over the last 12 years of its operation. In the year 2022, the institute secured 131 ranks in the National Institutional Ranking Framework (NIRF) India ranking 2022 in the Engineering Category among almost 12,000 Institutions in the country. Furthermore, NITUK is recognized in the band "PROMISING" under the category "Institute of National Importance & Central Universities/CFTs (Technical)" in the Atal Ranking of Institutions on Innovation Achievement (ARIIA) 2021.

The attendees in this expert session are going to receive the knowledge that they need to have a fundamental understanding of Cold Form Steel (CFS) as a building material. In India, CFS building is a field that sees very little application overall. The CFS is an extremely promising material for use in the construction of medium-to-low rise buildings due to the excellent strength-to-weight ratio that it possesses. The presentation will cover a variety of topics, including: a) CFS as a building material; b) the current state of CFS construction in India; c) Difficulties encountered during CFS construction; and d) Behavior of CFS when subjected to a variety of loadings.

TARGET AUDIENCE

This workshop is open to Academician, Research Scholars, UG/PG Students, persons working R&D Organizations and Industries.

RESOURCE PERSONS



Dr. Chanchal Sonkar is currently working as Senior Scientist at CSIR-CBRI, Roorkee. He contributed in developed numerical tools for prefabricated construction. He also worked on structurally and thermally efficient Cold-formed Steel wall panels. He's developing semi-analytical tools for estimating axial strength of sheathed cold-formed steel wall panels with perforations and built-up sections using Direct Strength Method. Dr. Chanchal has Published 19 scientific publications in the field of cold formed steel structures, 7 in reputed international refereed journals including highly ranked journals such as Journal of Structural Engineering, Journal of Building Engineering and Structures.



Mr. Shahid Badshah, currently serving as Business head - Mitsumi Housing Pvt. Ltd., has an in-depth knowledge of LGSF technology and works with customers all across the globe. His daily routine includes working closely with companies' senior executives and government bodies to analyze the dimensions of their requirements and help determine the best course of action to achieve the best results through rapid build technology. Mr. Shahid has been the pivotal point to create GalvaStrong; a brand that specializes in design and supply of LGSF steel profiles specially purposed to expand the canvas size of the LGSF landscape.

VENUE

NIT Uttarakhand, Srinagar, Pauri Garhwal, Uttarakhand - 246174

Srinagar Garhwal is 105 km from Rishikesh on National Highway No. 58 leading to Badrinath (193 km from Srinagar). Rishikesh and Yog Nagri Rishikesh is the nearest Railway Station. Haridwar, a major Railway Station in Uttarakhand is 130 km from Srinagar. Nearest Airport at Jolly Grant, Dehradun is 125 km away from Srinagar.

REGISTRATION FEE

A letter of intent, along with the remittance should reach the above mentioned address on or before November 18, 2019. Please include your contact e-mail, phone number, and address. For payment to be made online /by RTGS, find NIT Bank Account Details given:

A/C Name National Institute of Technology Uttarakhand
Bank Name SBI, Srinagar-Garhwal
A/c No. 37530566069
IFSC Code SBIN0003181

Delegates	Registration Fee (₹)
Industry / R&D organization	₹1000/-
Academic	₹750/-
UG/PG/Ph.D.	₹500/-

The applicants from NIT Uttarakhand must also send an e-mail to shashi@nituk.ac.in showing their intent to participate in STC. However, there is no fee for the students (UG, PG & Ph. D.) of NIT Uttarakhand.

Note: Registration fee (non-refundable) includes course certificate, registration kit, tea and lunch

SPECIAL NOTE

The decision to run the course depends on the response and number of candidates. It is therefore advised that the candidates should proceed to join the course only on receipt of confirmation of admission.

TENTATIVE SCHEDULE

Time	Event
9:00-9:30	Inaugural Session
9:30-11:00	Current state of CFS construction in India
11:00-11:15	Tea Break
11:15-12:45	CFS as a building material
12:45-2:00	Lunch Break
2:00-3:00	Challenges encountered during CFS construction
3:30-3:45	Tea Break
3:45-5:15	Behavior of CFS Frames subjected to a variety of loadings.
5:15-5:30	Validatory Function