Institute for Steel Development and Growth (INSDAG)

announces Online Training Course by

Steel Construction Institute (SCI), UK

on

LIGHT GAUGE STEEL DESIGN ACCORDING TO EUROCODE 3

WITH

ANDREW WAY

ASSOCIATE DIRECTOR

STEEL CONSTRUCTION INSTITUTE(SCI), UK

FOLLOWED BY A CONCLUDING LECTURE ON *"LIGHT GAUGE STEEL DESIGN IN INDIAN CONTEXT"* BY

PROF. (DR.)ARUL JAYACHANDRAN S.

DEPARTMENT OF CIVIL ENGINEERING

IIT MADRAS

2:30-4:30 PM IST

17-19 APRIL, 2024

FOR CLARIFICATION, PLEASE CONTACT

MS NIBEDITA DEY

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SEMINARS@INSDAG.COM

ABOUT THE COURSE :

Lectures will be delivered by expert from SCI(UK) in the following topics –

- **Uses and Applications of Light Gauge Steel /Cold Formed Section in construction**
- **Calculation of section properties for Light Gauge Steel Section/Cold Formed Section**
- **Design methods for Bending & Compression members with light gauge steel by Eurocode 3**
- **Design issues related to light steel framing- Frame Stability & Anchorages, Connection & Serviceability Conditions**
- **Design issues in industrial building application like member restrain, load reversal**
- **Subjects will be illustrated through a series of examples**

WHO SHOULD ATTEND ?

- **All practicing engineers who would like to learn the essential principles of light gauge steel design in its typical structural applications**
- **Engineers who require a refresher in light gauge steel design**
- **Engineers looking for a broader understanding of light gauge steel design**
- **Engineers with no previous experience in light gauge steel design**

REGISTRATION FEES :

- **Professionals : Rs. 5000 * + 18% GST**
- **Students (UG/PG/Research Scholar) : Rs. 3000 * + 18% GST**

DISCOUNTS

- 30% FOR INSDAG MEMBERS (ASSOCIATE/INDIVIDUAL /STUDENT MEMBERS)

- ADDITIONAL 5% FOR BULK NOMINATIONS (≥ 5 NOMINATIONS)

Each participants will receive PDF copies of the SCI Publications "Light Steel Framing in Residential Construction (P402)" and "Design of Light Steel Sections to Eurocode 3 (ED005)"

E-Certificate of participation signed by SCI (UK) will be provided to those who will complete the entire course.

Participants are encouraged to send their predetermined questions (if any) during the registration or later (upto 10th April 2024) through email (seminars@insdag.com). Answers shall be provided by the speaker during respective lectures.

Last Date of Registration
15th April, 2024

To participate scan here or log into
https://www.steel-insdag.org/event

INSDAG ACCOUNT DETAILS FOR PAYMENT : ONLINE/ OFFLINE

NEFT / RTGS / IMPS	QR CODE	UPI
INSTITUTE FOR STEEL DEVELOPMENT & GROWTH, BANK: **UCO, Kasba, Branch – Kolkata** SB a/c No – **08370100004683,** IFSC : **UCBA0002081**		*8334815444@ucobank*

PLEASE SEND US THE PAYMENT RECEIPT BY EMAIL TO THE COORDINATOR

ABOUT THE TRAINER

Andrew is one of the Associate Directors and manages the Light Gauge Construction and Product Assessment parts of SCI UK. He has been at SCI for over 20 years and has been involved in many areas of technical development, in particular cold-formed steel, structural robustness and product assessment and certification. He is the UK representative on the European Working Group considering the evolution of EN1993-1-3 and is on the Project Team for the next version of EN 1993-1-3.

ABOUT THE SPEAKER

Dr. Arul Jayachandran S is Associate Professor in Civil Engineering Department in IIT Madras. He has been at IIT Madras over 15 years & has been involved in various research areas like Advanced design methods for cold formed steel structures, Experimental evaluation of steel structure behavior, Advanced analysis and design of steel structures & many more. He has also been in the position of Deputy Director in with Steel Lab, CSIR-Structural Engg. Research Centre. He is the key person in revision of the BIS Code IS 801 for design with cold formed steel sections in Limit State Method

ABOUT INSDAG

Institute for Steel Development and Growth (INSDAG) is a not-for-profit, member-based organization established by the Government of India (Ministry of Steel) and Major Steel Producers of the Country. Established in the line with Steel Construction Institute(SCI), UK, the institute primarily works towards the development of advanced and cost-effective design methodologies, technical and institutional marketing by expanding applications of steel in different segments of construction industry, up-gradation of technical skills and know-how, creation of awareness amongst potential users and students and communicating the benefits of steel vis-à-vis other competitive materials etc.

ABOUT SCI(UK)

SCI (the Steel Construction Institute) has been a trusted, independent source of information and engineering expertise globally for over 30 years, and remains the leading, independent provider of technical expertise and disseminator of best practice to the steel construction sector.