

## Centre for Continuing Education of NIT Warangal

The Centre for Continuing Education of NIT Warangal organizes Continuing Education Programs and Workshops in the frontier areas of Science, Engineering, Technology, Management, Humanities, Social Science and socially relevant themes on self-financing basis in three different modes: (i) At NIT Warangal by NIT Warangal (ii) At NIT Warangal in collaboration with other Organizations (iii) By NIT Warangal Faculty at the Host Organization/Institute.

### About NIT Warangal

National Institute of Technology Warangal, formerly known as Regional Engineering College was established in 1959. Over the years it has developed into a premier institute of higher learning and is ranked among the top technical education institutions in India. There are 13 Departments offering eight undergraduate and 32 post-graduate programs besides doctoral programs. About 5000 students across the country and about 500 international students study in the campus. It is a fully residential campus sprawling over 250 acres with excellent infrastructure, state of the art library, seminar halls, guest houses and laboratories.

### About SVNIT Surat

SVNIT was first established as Sardar Vallabhbhai Regional College of Engineering & Technology in 1961 and upgraded as National Institute of Technology (SVNIT) in 2002. At present, it is one of the prestigious engineering institutions and offered many outstanding engineers in India and abroad. SVNIT is offering 6 UG, 19 PG and 3 M.Sc. Five Years Integrated Programs including doctoral programs in 6 branches. Special attention is being given in developing the culture of interdisciplinary and collaborative research. The institute has an excellent placement record with several top-ranking companies visiting the campus every year.

### Brief Profile of the Department of Civil Engineering, NIT Warangal

The Department of Civil Engineering has been one of the pioneering academic departments of the National Institute of Technology, Warangal since the inception of the institute in 1959. The department offers UG, PG, Doctoral programs along with consultancy and testing services. It has taken lead role in organizing a number of continuing education and faculty development programs for the field engineers and teachers of various engineering colleges.

### Brief Profile of the Department of Civil Engineering, SVNIT Surat

Department of Civil Engineering was established in the year 1961. The department is running UG, PG and PhD programs in different areas of specializations with students having diverse culture and background. It has 42 faculty members having specialized in various divisions of Civil Engineering and well trained to provide high quality teaching and research. Additionally, regular short-terms programs are arranged in various specialized areas to suit the requirements of professionals. Research activities are undertaken at the department supported by various government/industrial agencies primarily focused on applied research to find solution to the existing problems.

### Highlights

This program will be conducted six hours per day. This course will help student and faculty community to update themselves about recent trends in steel structures

### Contacts

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Department of Civil Engineering, SVNIT Surat



Center for Continuing  
Education  
**NIT Warangal**



## Online Faculty Development Program on "Recent Trends and Future Aspects of Steel structures"

Course Code: RTFAS

25<sup>th</sup> – 29<sup>th</sup> October 2021

Call for Registration and Participation

### Coordinators

Dr. S. Anitha Priya Dharshani

Dr. B. Kavitha

Dr. Tamizharasi G

### Organized by

Department of Civil Engg., NIT Warangal  
Department of Civil Engg., SVNIT Surat

In association with the  
Center for Continuing Education,  
NIT Warangal



## Overview

This short-term course aims to update knowledge on the current trends and future aspects of steel structures

## Objectives

- \* The course will positively impact the ability to understand steel structures
- \* Participants will be exposed to the changes in revised codal provision for steel structures

## Course Content

- \* Steel sections, connections, tension and compression members, roof trusses, beams, column bases and beam columns
- \* Analysis methods of steel structures
- \* Limit state design approach
- \* Design of tension and compression members
- \* Design of members subjected to bending
- \* Design of members subjected to combined forces
- \* Connections
- \* Design of steel structures for earthquake effects
- \* Fatigue and durability of steel structures
- \* Fire resistance of steel structures
- \* Fabrication and erection of steel structures
- \* Challenges faced in the design and construction of steel structures in practice
- \* Future aspects of steel structures

## Resource Persons

Eminent faculty members from reputed universities in abroad, IITs, NITs, Central Universities and Industry will deliver lectures

## Registration is open to

Faculty members, Post-doctoral fellows, Doctoral Research students, PG students, UG students of Civil Engineering and participants from Industries

## Benefits

- \* Participants will get an e-certificate upon successful completion of the course
- \* Course material, session recordings will be shared with participants with the consent of the speaker

## How to Apply

Eligible candidates may apply by filling the following google form with payment proof on or before 15<sup>th</sup> October 2021

Link: <https://forms.gle/fYxTM6cNPzbkNUmb9>

## Registration Fee

Category	Amount
<b>Faculty members, Post-doctoral fellows, Doctoral research students, PG students and UG students</b>	<b>Rs. 500/-</b>
<b>Participants from Industry</b>	<b>Rs. 1000/-</b>

The registration fee may be remitted through net banking to the Bank account given below and upload the proof of remittance in the google form.

## Payment Details

*Please Note: It is mandatory to enter the course code **RTFAS** in remarks of each transaction*

<b>Account Number</b>	62403680215 (Current Account)
<b>Account Name</b>	Center for Continuing Education NITW
<b>Bank Name</b>	State Bank of India (SBI)
<b>Branch</b>	NIT Warangal
<b>IFSC Code</b>	SBIN0020149
<b>Course Code</b>	RTFAS

## Confirmation of Participation

On receipt of the google form and fee remittance receipt, participants will be sent confirmation of their participation through email by 18<sup>th</sup> October 2021. As the program is conducted online with hands-on sessions, the number of participants in the workshop is limited to 80. *Candidates are advised to register early to avoid disappointment.*

## Requirements for Online Mode

Desktop/Laptop/Smartphone with good internet speed and sufficient data pack. A weblink will be shared with the registered participants for joining the course.