

## ORGANIZING COMMITTEE

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Secretary, Dr. N.G.P.IT.

### **Patron**

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**Dr.K. Porkumaran**

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### **Convenor**

**Dr.P. Muthupriya**

Professor & Head, Dept. Of Civil Engg.,

Dr.N.G.P.IT.

### **Co-ordinator**

**Mr. G. Ramesh Kumar**

Assistant Professor, Dept. of Civil

Engineering, Dr.N.G.P.IT.

## ELIGIBILITY AND SELECTION

Faculty, Research scholars, Practitioners and Students from AICTE approved Institutions, Deemed Universities and Industries are eligible to participate in the programme.

## ABOUT THE WORKSHOP

The workshop envisions the wisdom about Cold-Formed steel structures which are structural products that are made by forming plane sheets of steel at an ambient temperature into different shapes which can be used to satisfy structural and functional requirements. In present scenario, the demand for high strength materials for wide range of structural applications has been instrumental for more developments in cold-formed steel sections as compared to the hot rolled steel sections. Cold-formed steel members have been used in buildings, bridges, storage racks, grain bins, car bodies, railway coaches, highway products, transmission towers, transmission poles, drainage facilities, various types of equipment and others. These types of sections are cold-formed from steel sheet, strip, plate, or flat bar in roll forming machines, by press brake (machine press) or bending operations.

## OBJECTIVES

This workshop aims to provide a platform for the students, faculty, Industrialists and Research scholars to enhance their knowledge in the field of cold formed Steel Structures. The outcomes of the workshop will be very much beneficial to the entire Civil Engineering faculty, Research scholars, students and practitioners.

## TOPICS TO BE COVERED

- Introduction about cold formed and hot rolled Sections
- Buckling and Types of buckling in cold formed Steel structures
- Applications of cold formed Steel structures
- Design of cold formed steel structures
- Properties of cold formed steel structures
- Residual Stresses in cold formed steel members
- Use of software's in cold formed steel structures
- Demo on Tekla Structures software

## **One Day National Level Workshop on Cold- Formed Steel Structures (CFSS-2017)**

**October 6<sup>th</sup>, 2017**

**Convenor**

**Dr. P. MUTHUPRIYA**

**Co-ordinator**

**Mr. G. RAMESH KUMAR**

**Organized by**



**Department of Civil Engineering  
Dr. N.G.P. Institute of Technology  
(Approved by AICTE, New Delhi, Affiliated to Anna  
University, Chennai and Accredited by NAAC)**

**Coimbatore-641 048.**

**In association with**



**Indian Concrete Institute**

**Sponsored by**



**Tamil Nadu State Council for Science  
and Technology, Chennai – 25.**

## RESOURCE PERSONS

- **Dr.L.S.Jayagopal**,  
Managing Director,  
Mithran Structures, Coimbatore.
- **Dr.R.Thenmozhi**,  
Professor, Department of Civil Engg.,  
Government College of Technology,  
Coimbatore.
- **Dr.M.Anbarasu**,  
Professor, Department of Civil Engg.,  
Government College of Engineering,  
Salem.
- **Mr. M. Harish**,  
Assistant Professor,  
School of Civil & Chemical Engg.,  
VIT University, Vellore.
- **Mr. M. Vasantha Kumar**,  
Technical Head, Civil Engineering,  
C-Cube Technologies, Coimbatore.

## ABOUT Dr. N.G.P.IT

The essence of education lies in translating opportunities into experiences of empowerment, in transcending 'what is' to 'what can be' and transforming limitations into limitless learning. Welcome to an institution that recognizes the power of education to help Nurture, Grow and Progress. Dr.Nalla.G.Palaniswami - A name that is taken with great reverence by the medical fraternity and common public alike, for his pioneering efforts in providing quality healthcare. Since its inception in 1989, the Kovai Medical Center and Hospital or KMCH as we know it, has been redefining the corporate hospital set up, making healthcare accessible to all, catering to patients from all over the globe. Looking beyond its success and recognizing the need for competent technical education, Dr.N.G.P. initiated the establishment of Dr.N.G.P. Institute of Technology in 2007, and the N.G.P. Group of educational institutions. The College has been affiliated to Anna University, Chennai, approved by the All India Council for Technical Education (AICTE), New Delhi, recognized by UGC under section 2(f) and Accredited by NAAC.

## ABOUT THE DEPARTMENT

The Department of Civil Engineering has been in existence since 2011. The Department is grown into a fully-fledged one, with well - equipped lab facilities and Infrastructure. The Department has well experienced Faculty members of various specializations. The activities in the Department are carried out to consort the global innovations, inventions, alternate resource development upgraded in the civil world for the human mankind journey. The students are trained to upgrade themselves and the Department is striving to mould them in to a better engineer in this society.

### VISION

Enhance Technical knowledge to meet industrial expectation and lead the society towards sustainability.

### MISSION

**MD1-** To organize practical oriented learning through novel teaching methods for the betterment of students

**MD2-** To stimulate the graduates to become technically skilled professionals, managers and employers in the field of Civil Engineering.

**MD3-** To emphasize the professional challenges and contribute to the growth of Science and Technology in partnership with industry.

**MD4-** To create center of excellence by providing resourceful laboratory and Research facilities.

**MD5-** To develop the student community with social responsibility and moral values.

### REGISTRATION FEE

- Registration fee includes workshop Kit and Lunch
- Registration fee can be paid by Demand Draft drawn in favor of “**The Principal, Dr.N.G.P. Institute of Technology, Coimbatore**” payable at Coimbatore.
- The application in the attached format is to be sent to the coordinator on or before September 30<sup>th</sup>, 2017.

Participants	Amount (Rs.)
• Students	300
• Academicians	500
• Industry and R&D Organizations	1000

## REGISTRATION FORM

1. Name:
2. Qualification:
3. Institution:
4. Address for communication:

5. Phone No :

Mobile :

E-mail :

6. Payment details

D.D.No. :

Bank :

Amount :

Signature of the  
Participant

Signature of the HoD

For more details log on to [www.drngpit.ac.in](http://www.drngpit.ac.in)

**Registration form along with DD to be sent to:**

**Mr. G. Ramesh Kumar,**  
Assistant Professor,  
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