

**National Level One Day
Workshop
On
Civil Engineering Software for
Future**

February 2, 2018

Convenor

Dr. P. MUTHUPRIYA

Coordinator

Mr. M. SENTHIL RAJAN

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



**Builders' Association of India,
Coimbatore Centre**



**Association of Consulting Civil Engineers (I),
Coimbatore Centre**

ABOUT THE WORKSHOP

This Workshop aims to provide thorough knowledge in Civil Engineering Software like STADD.Pro v8i, Revit Architecture & Primavera which will be more helpful for the Students, Faculty, Industrialists and Research scholars to enrich their knowledge. These are most commonly used software for Structural Analysis, Design and document a building by creating a parametric three dimension model.

OBJECTIVE

This training program aims to provide a platform for the Students, Faculty, Industrialists and Research scholars to enhance their knowledge in the field of planning, analyzing and designing. As the innovative techniques plays a vital role in the field of Civil Engineering, the outcome of the program will be very much beneficial to the entire Civil Engineering Community.

IMPORTANCE OF THE PROGRAM

As one of the most high-end Engineering domains, Civil and Architecture disciplines are today seeking skilled manpower. While most students hold graduation degrees, companies are looking for individuals with real-time software exposure. The wide usage of this software for aluminium, concrete, timber, steel and other materials opens broad spectrum of job opportunities for all. Exploring and practicing the basic and advanced features such as generating interactive menu-driven models, global and local coordinate system, creating manual and automatic loading combinations, using isometric and perspective views and 3D shapes. Details on managing the properties, material constants, geometry constants, supports, and specifications are also covered in the training.

DISCUSSION TOPICS

- STAAD.pro v8i , Revit Architecture & Primavera
- Constants, Supports and Specification
- Loading
- Structural Analysis
- Post Processing
- Reports and Documentation

ORGANIZING COMMITTEE

Chief Patron

Dr. Nalla G. Palaniswami
Chairman, KMCH

Dr. Thavamani D. Palaniswami

Secretary, Dr. N.G.P. IT

Patron

Dr.O.T.Buvaneswaran
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President

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Convenor

Dr.P.Muthupriya
Professor & Head
Department of Civil Engineering
Dr. N.G.P. Institute of Technology

Coordinator

Mr. M. Senthil Rajan
Assistant Professor
Department of Civil Engineering
Dr. N.G.P. Institute of Technology
Coimbatore

RESOURCE PERSONS

- **Mr.M.S.Srekanth**
Sr. Academic Engineer
CAD Home Institutes (OPC) Ltd
Coimbatore
- **Mr.C.L.Anand**
Sr. Academic Engineer
CAD Home Institutes (OPC) Ltd
Coimbatore
- **Ms.Ajanya Asok**
Academic Engineer
CAD Home Institutes (OPC) Ltd
Coimbatore

ABOUT Dr.N.G.P. INSTITUTE OF TECHNOLOGY

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 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 January 25, 2018.

Participants	Amount (Rs.)
• Students	300
• Faculty from Academic Institutions	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

Registration form along with DD to be sent to:

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