

## ORGANIZING COMMITTEE

### Chief Patron

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Secretary, Dr. N.G.P. Institute of Technology

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Chief Executive Officer

Dr. N.G.P. Institute of Technology

### President

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Principal, Dr. N.G.P. Institute of Technology

### Convenor

**Dr.P.Muthupriya**

Professor & Head, Dept.of Civil Engineering

Dr. N.G.P. Institute of Technology

### Coordinators

**Ms.K.S.Shobana**, AP/Civil Engg.

**Ms.S.Sukrithi**, AP/Civil Engg.

Dr. N.G.P. Institute of Technology.

## TARGET AUDIENCE

This Workshop is deliberately designed for the Students, Faculty, Practioners and Research scholars to gain knowledge on Total

## ABOUT THE WORKSHOP

This workshop aims to provide the thorough knowledge in total station. Total station is one of the advanced techniques in surveying which is most commonly used to measure both length and the angles. This workshop gives hands on training in total station which will be more helpful for the Students, Faculty, Industrialists and Research scholars to enrich their knowledge in the field of surveying.

### OBJECTIVE

This workshop aims to provide a platform for the students, faculty, Industrialists and research scholars to understand the concepts of total station and its benefits in the real field of Civil Engineering.

### IMPORTANCE OF TOTAL STATION

A total station is an electronic/optical instrument used in surveying and in building construction. The total station is an electronic theodolite (transit) integrated with an electronic distance measurement (EDM) to read slope distances from the instrument to a particular point, and an on-board computer to collect data and perform advanced coordinate based calculations. It is mainly used by land surveyors and civil Engineers, either to record features as in topographic surveying or to set out features such as roads, houses or boundaries. They are also used by archaeologists to record excavations and by private accident reconstructionists and insurance companies to take measurements of scenes.

### DISCUSSION TOPICS

- Advantages of Total Station
- Applications of Total Station
- Real time use in Construction Industry
- Hands on Training on Total Station

## One Day Workshop

on

## Total Station & Advanced Surveying

August 18, 2017

Convenor

**Dr. P. MUTHUPRIYA**

Coordinators

**Ms. K.S.SHOBANA**

**Ms. S.SUKRITHI**



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**

## RESOURCE PERSONS

### **Mr. P Sakthivel**

Trainee,  
Lawrence & Mayo (India) Pvt. Ltd,  
Scientific and Engineering Instruments Division,  
Chennai.

### **Mr Viju Darwin**

Trainee,  
Lawrence & Mayo (India) Pvt. Ltd,  
Scientific and Engineering Instruments Division,  
Chennai.

## 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 centre 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.NGP Institute of Technology, Coimbatore”** payable at Coimbatore.
- The application in the attached format is to be sent to the coordinator on or before August 2nd, 2017.

Participants	Amount (Rs.)
• Faculty from Academic Institutions	500
• Students	300
• Industry and R & D Organizations	500

## ELIGIBILITY AND SELECTION

Faculty, Research scholars, Practitioners and Students from AICTE approved Institutions, Deemed Universities and Industries are eligible to participate in the programme. The total participants are restricted to 100 and selection will be based on first come first served basis.

**For more details log on to [www.drngpit.ac.in](http://www.drngpit.ac.in)  
Registration form along with DD to be sent to:**

**Ms. K.S.Shobana/  
Ms.S.Sukrithi**

Assistant Professor,  
Department of Civil Engineering,  
Dr. N.G.P Institute of Technology,  
Coimbatore - 641 048

Mobile: +91 9597691767 & +91 9788752221  
E-mail: shobana@drngpit.ac.in & sukrithi@drngpit.ac.in

## 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**