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Dept. of Civil Engineering

Dr. N.G.P. Institute of Technology

Coordinator

Mr. K.V. Boobala Krishnan

Assistant Professor

Dept. of Civil Engineering

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

For more details log on to www.drngpit.ac.in
Registration form along with DD to be sent to:

Mr. K.V. Boobala Krishnan

Assistant Professor

Dept. of Civil Engineering

Dr. N.G.P. IT, Coimbatore – 48.

Mobile Number: +91 9942535500

E-mail: boobalakrishnan@drngpit.ac.in

About the FDP

This FDP aims to provide a thorough knowledge about the concepts Strength of Materials (Anna University Regulations) and it will be extremely beneficial to the faculty members to update their knowledge in Strength of Materials. This subject is a core subject in Anna University syllabus and one among the main subjects under other Universities. This FDP is planned for Three days covering the entire syllabus as per R-2017.

Objective

- To provide a platform for the faculty to enhance their knowledge.
- To deliver the contents of syllabus effectively to students.
- To interact with the subject experts and clear their doubts.
- To find out the Shear force and bending moment values for different types of beam with different condition of loads.
- To know the method of finding slope and deflection of beams by different methods.
- To know the concept of analyzing indeterminate trusses by tension coefficient method

Discussion Topics

- Stress, Strain and Deformation of Solids – Simple Stress, Strains, Elastic Constants, Composite bars.
- Transfer of Loads and Stresses in Beams – Types of Loads and supports, beams and concepts, stress distribution
- Deflection of Beams – Elastic Curve, determination of deflection by various methods
- Torsion – Theories, stress and deformation in solids & Shafts.
- Analysis of Trusses – Determinate and indeterminate trusses, Analysis of space trusses

Three Days Faculty Development Programme

On

STRENGTH OF MATERIALS

(R-2017)

June 12 -14, 2019

Convenor

Dr. P. Muthupriya

Coordinator

Mr. K.V. Boobala Krishnan

Organized by



Department of Civil Engineering

Dr. N. G. P. Institute of Technology

Approved by AICTE, New Delhi, Affiliated to Anna University,
Chennai, Recognized by UGC & Accredited by NAAC and
NBA [BME, CSE, EEE, ECE & Mechanical]

Coimbatore - 641 048

In association with



Indian Concrete
Institute, Coimbatore



Builders'
Association of
India,
Coimbatore
Centre



The Institution
of Engineers
(INDIA)
Kolkatta



Indian Green
Building
Council



Association of
Consulting Civil
Engineers (I),
Coimbatore Centre



Indian Geotechnical
Society,
Coimbatore Chapter



Indian Water Works
Association, Hyderabad

About Dr.N.G.P. IT

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 (KMCH) 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. 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& NBA.

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.

Resource Persons

Dr. P. Perumal(Structural Analysis and SOM Book Author)
Professor, Department of Civil Engineering
PSG Institute of Technology and Applied Research
Coimbatore.

Dr.R.Thenmozhi
Professor& Head of Structural Engineering
Department of Civil Engineering
Government College of Technology,Coimbatore.

Dr.K.M.Mini
Professor & Chairperson
Department of Civil Engineering
Amrita School of Engineering
Amrita Vishwa Vidyapeetham, Coimbatore.

Dr.M.P.Muthuraj
Assistant Professor, Department of Civil Engineering
Coimbatore Institute of Technology, Coimbatore

Prof.M.Dhanbalakrishnan
Visiting Faculty
Department of Civil Engineering
Dr. N.G.P. Institute of Technology, Coimbatore

Dr.P.Muthupriya
Professor and Head
Department of Civil Engineering
Dr. N.G.P. Institute of Technology, Coimbatore

Registration Fee

- Registration fee includes FDPkit, snacks, lunch and certificate.
- Hostel accommodation can be provided on payment basics (Prior information is required).
- Registration fee of **Rs. 1,500/-**can be paidby Cash or Demand Draft drawn in favor of **“The Principal, Dr.N.G.P. Institute of Technology, Coimbatore”** payable at Coimbatore or **By Cash**.
- **100 % attendance** is compulsory during FDP.
- All the FDP materials will be providing as softcopy (CD format) at the end of the FDP.

Registration Form

Name:

Designation:

Institution:

Address for communication:

Mobile :

E-mail :

Payment details – By Cash or DD

D.D.No. :

Bank :

Amount :

Signature of the Participant