

## ABOUT THE INSTITUTION

The Kovai Medical Center Research and Educational Trust crossed another milestone by establishing Dr. N. G. P. Institute of Technology in the year 2007. The institution is approved by the All India Council for Technical Education, (AICTE) New Delhi and affiliated to Anna University, Chennai, Recognized by UGC, Accredited by NBA (BME, CSE, ECE, EEE and Mechanical) and NAAC. The institution offers 7 UG programs, 5 PG programs and 4 Research programs in various fields of Engineering. The institution has established Industry-Institute Partnership Cell sponsored by AICTE. The Institution is well equipped with advanced infrastructural facilities to meet the university prescribed requirements. The institution aims to develop and implement a comprehensive human resource plan to include recruitment, professional development, redemption and succession plans that attract qualified staff and faculty and ensure that they remain current in their respective roles and disciplines.

## ABOUT THE DEPARTMENT

The Department of Mechanical Engineering has been in existence since 2009. The department has been accredited by NBA and has received the research center recognition from Anna University. The Department is grown into a full-fledged one with well-equipped lab facilities, Infrastructure and faculty members of various specializations. Activities in the department are carried out to consort the global innovations, inventions, alternate resource development in the mechanical 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 the society. Individual attention and sessions have drawn out innate capabilities of the students.

The department also organizes frequent industry visits, subject related seminars, guest lectures, workshops etc. to enhance the depth of the subject. Department of Mechanical Engineering provides a pavement to do research work and has

been recognized as research centre by Anna University. The Department is architected with 25 faculty members with 7 Ph.Ds' and 18 faculty members pursuing doctoral programmes. Research works are carried out in various fields including composites, machining, design, nanotechnology, coatings etc.

## PROGRAM OBJECTIVE

The primary objective of the Faculty Development Training Programme (FDTP) is to provide opportunity for the young faculty members from AICTE approved Engineering Colleges affiliated to Anna University to enrich their knowledge in the subject “**Engineering Thermodynamics**” and also to teach the fundamentals of the subject to the students more confidently.

## COURSE CONTENTS

The course content is as per the 2017 regulations of Anna University, Chennai and includes all the topics of syllabus

- Basic concepts and laws of thermodynamics
- Second law and availability analysis
- Properties of pure substances and steam power cycle
- Ideal and real gases
- Gas mixtures and Psychrometry
- Applications

## PROGRAMME CERTIFICATE

Participation certificates will be issued to the candidates who attend the program in full, by the Centre for Faculty Development, Anna University, Chennai-25.

## RESOURCE PERSONS

Experts from leading Institutions from NITs / Central and State Funded Institution / established institutions and Industries will deliver the lectures.

# SIX DAYS FDTP ON ME 8391 (R2017) ENGINEERING THERMODYNAMICS

20 – 25, May 2019

## REGISTRATION FORM

Coordinators

**Dr. V.S. SREEBALAJI**

Professor and Head- Mechanical Engineering

**Mr. B. SHREERAM**

Assistant Professor / Mechanical Engineering

Sponsored by

**CENTRE FOR FACULTY DEVELOPMENT (CFD)**



**ANNA UNIVERSITY**

Chennai – 25

Organized by



**DEPARTMENT OF MECHANICAL ENGINEERING**  
**Dr. N. G. P. Institute of Technology**

Coimbatore – 48

## REGISTRATION FORM

**SIX DAYS FDTP ON  
ME 8391 (R2017)  
ENGINEERING THERMODYNAMICS  
20 – 25, May 2019**

Name (in Capital letters) :  
Designation :  
Qualification :  
Year of Experience :  
Institution :  
Address for Communication:  
  
Phone / Mobile :  
E-mail :  
Accommodation required : YES/NO

### **DECLARATION**

The information provided by me is true to the best of knowledge. I agree to abide by the rules and regulations governing the faculty development training program of Anna University. If selected, I shall attend the program for the entire duration.

Date: \_\_\_\_\_  
**Signature of the applicant**

### **SPONSORSHIP CERTIFICATE**

Mr./Ms./Dr. \_\_\_\_\_ is an employee of our institution and permitted to attend the FDTP, if selected.

Date: \_\_\_\_\_  
**Signature of the Head of the Institution**  
(with seal)

## **TARGET AUDIENCE**

Faculty members of Mechanical and other departments who are handling the course Thermodynamics in AICTE Approved Engineering College Affiliated to Anna University.

## **REGISTRATION**

- No registration fees for the participants.
- Registration for the FDTP can be done using the attached form in same brochure. The completed form duly signed by Head of the Institution should be sent by post to the Coordinator or the scanned copy of the same can be mailed.
- Total number of participants is limited to twenty five members.
- Participants will be selected on first come first serve basis.
- Selected candidates will be intimated by Email. Confirmation of participation is mandatory by Email.
- No TA/DA will be paid.
- Accommodation may be provided in the hostel for outstation candidates free of cost subjected to the availability.

### **ADDRESS FOR COMMUNICATION**

**Mr. B. SHREERAM**  
Assistant Professor,  
Department of Mechanical Engineering,  
Dr. N. G. P. Institute of Technology  
Coimbatore - 641048  
Phone No: 9790935543  
Email Id: shreeram@drngpit.ac.in  
Website: www.drngpit.ac.in

## **CHIEF PATRON:**

**Dr. M.K. Surappa**  
Vice-Chancellor, Anna University, Chennai

**Dr. Nalla G. Palaniswami**  
Chairman, KMCH

**Dr. Thavamani D. Palaniswami**  
Secretary, Dr.N.G.P.I.T

## **PATRON:**

**Dr. J. Kumar**  
Registrar, Anna University, Chennai

**Dr. O.T. Buvaneswaran**  
CEO, KMCRET

## **CHAIR:**

**Dr. D. Sridharan**  
Director, CFD

**Dr. I. Arul Aram**  
Addl. Director, CFD

## **CO-CHAIR:**

**Dr. K. Porkumaran**  
Principal, Dr.N.G.P.I.T

## **COORDINATOR:**

**Dr. V.S. Sreebalaji**  
Professor and Head / Mechanical Engineering  
Dr.N.G.P.I T

**Mr. B. Shreeram**  
Assistant Professor / Mechanical Engineering  
Dr.N.G.P.I T

## **VENUE:**

**Seminar Hall**  
Department of Mechanical Engineering  
Dr. N. G. P. Institute of Technology

### **IMPORTANT DATES**

Last Date for Registration : **06.05.2019**  
Intimation of Selection (email): **10.05.2019**  
Confirmation by Participants : **14.05.2019**