

ABOUT THE INSTITUTION

Karpagam Charity Trust was promoted in the year 1989 by Dr.R.Vasantha Kumar B.E. (Hons), D.Sc. Chairman and Managing Trustee, with the vision to serve and to lead the society by imparting quality based education as the mission. Karpagam College of Engineering started in the year 2000 is approved by AICTE and affiliated to Anna University, Chennai. It is an autonomous college with an enterprising management, which directs all its effort towards producing proficient products who are trained to tower knowledge and character.

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering has been a repository of knowledge at the very outset with the backing of efficient and specialized faculty. The Department has established in the year 2000. The Department has been providing excellent research opportunities and facilities in all the emerging areas of Mechanical Engineering.

ABOUT THE FDTP

This Faculty Development Training Program is intended to provide opportunity for teachers employed in AICTE approved and Anna University affiliated institutions for teaching and upgrading their knowledge in the area of Design of Machine Elements. The program will be very useful for those who are involved in teaching the course Design of Machine Elements at UG level. This will also provide a basic platform for a faculty who is willing to carry out research in this area.

TOPICS TO BE COVERED

- Introduction to the design process
- Theories of failure
- Design based on strength and stiffness
- Design for variable loading
- Design of solid and hollow shafts
- Keys, keyways and splines
- Rigid and flexible couplings
- Threaded fasteners
- Knuckle joints and cotter joints
- Welded joints and riveted joints
- Types of springs
- Connecting rods and crank shafts
- Sliding and rolling contact bearings
- Hydrodynamic journal bearings

RESOURCE PERSONS

Senior Faculty from reputed Institutions and Experts from Industries.

ADDRESS FOR COMMUNICATION

Dr.P.Suresh,
Professor and Dean,
Dept of Mechanical Engineering,
Karpagam College of Engineering
(Autonomous),
Coimbatore – 641032.
Tamilnadu.
Phone: 04222619054 (off)
09994733793 (Mob)
Email : suresh.me2004@gmail.com

SEVEN DAYS FDTP

on

Design of Machine Elements (ME6503)

8th – 14th May, 2017

Coordinator

Dr. P.Suresh
Prof & Dean / Mech



Approved by
Anna University
Chennai

Organized by



**DEPARTMENT OF MECHANICAL
ENGINEERING**

**KARPAGAM COLLEGE OF ENGINEERING
(Autonomous)
Coimbatore – 641032.**

**SEVEN DAYS FDTP
ON**

***Design of Machine Elements
(ME6503)***

8th – 14th May, 2017

REGISTRATION FORM

1. Name :
2. Designation :
3. Institution Address :

4. Email address:
5. Educational Qualifications:

6. Will you teach **Design of Machine Elements** in the next semester: Yes /No

7. Professional Experience (in Years)
Teaching :
Industrial :
Mobile:

Signature

REGISTRATION

- Participants will be selected on First Come First Served basis.
- No registration fee for the participants.
- The number of participants is restricted to 25 only.
- Priority will be given to young faculty.

PROGRAM CERTIFICATES

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

**FACULTY DEVELOPMENT TRAINING
PROGRAMME ON**

***Design of Machine Elements
(ME6503)***

8th – 14th May, 2017

DECLARATION

The information provided by me is true to the best of my knowledge. I agree to abide by the rules and regulations governing the Faculty Development Training Program. If selected, I shall attend the program for the entire duration. I also undertake the responsibility to inform the coordinator in advance in case I am unable to attend the course.

Date: _____ Signature _____

BONAFIDE CERTIFICATE

Mr. /Ms _____
is an employee of our institution and is permitted to attend the Faculty Development Training Programme, if selected.

Place: _____

Date: _____

Signature of the Head of the Dept./
Institution with seal

ORGANIZING COMMITTEE

CHIEF PATRON:

Vice Chancellor
Anna University, Chennai.

PATRON:

Dr.S.Ganesan
Registrar, Anna University,
Chennai.

CHAIR:

Dr.K.Shanthi, Director,CFD
Dr.D.Sridharan, Addl.Director.CFD

CO CHAIR:

Dr.P.Vijayakumar, Principal, KCE

CO-ORDINATOR:

Dr. P.Suresh, Prof & Dean/Mech, KCE.

CO-COORDINATORS:

Prof.N.Subramani, AP/Mech, KCE
Prof.V.V.Arunsankar, AP/Mech, KCE
Prof.E.Vignesh, AP/Mech, KCE

Venue: JN Hall

IMPORTANT DATES

Submission of Application : 01.05.2017
Intimation of Selection : 03.05.2017
Confirmation by Participants : 05.05.2017