

**SIX DAYS FDTP ON  
ME 8593 DESIGN OF MACHINE ELEMENTS**

6<sup>th</sup> May 2019 – 11<sup>th</sup> May 2019

**REGISTRATION FORM**

1. Name :
2. Designation :
3. Department :
4. Institution :
5. Educational Qualification:  
(Degree, Specialization)
6. Teaching Experience:
7. Address for Communication:
  
8. E-mail ID :
9. Mobile Number :

Signature of the Applicant

**SPONSORSHIP CERTIFICATE**

Mr/Ms/Dr. ....  
is an employee of our institute and is hereby permitted for the above faculty development training programme, if selected.

Date: Signature of the  
Place: Sponsoring Authority with Seal

**ELIGIBILITY AND SELECTION:**

Faculty from Anna University affiliated Engineering colleges are eligible to participate the programme. The intake is limited to 25 and selection is based on first come first serve basis. No TA/DA will be paid to the participants. Hostel accommodation will be provided on request.

**PROGRAMME CERTIFICATES:**

Participation certificate will be issued to the participants who attend the programme for the entire duration. The certificate will be issued by the Centre for Faculty Development, Anna University, Chennai - 25.

**REGISTRATION:**

Filled registration form in the attached format should reach the Coordinators by post on or before 02.05.2019. Alternatively, the participants can send the scanned copy of filled registration form through email.

**ADDRESS FOR COMMUNICATION:**

Dr.R.Ramadoss  
Coordinator - FDTP,  
Professor / Mechanical,  
Easwari Engineering College,  
Ramapuram, Chennai-89  
**Mobile:** +91 98404 59601  
**Email:** eecfdtpdme03@gmail.com

**To Reach us @**

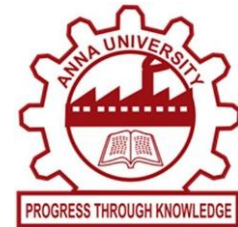
The college is situated at Ramapuram Bharathi Salai, it is about 1Km from DLF it is well connected by rail and road.

**SIX DAYS FDTP ON  
“ME 8593-DESIGN OF  
MACHINE ELEMENTS”**

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Coordinators

Dr.R.Ramadoss, Professor  
Mr.K.Giridharan, Assistant Professor



Approved by  
ANNA UNIVERSITY  
CHENNAI-25

Organized by

Department of Mechanical Engineering  
Easwari Engineering College  
(A Unit of SRM Group of Educational Institutions)  
Bharathi Salai, Ramapuram, Chennai-89  
Approved by Govt. of Tamil Nadu and AICTE.  
ISO Certified and Affiliated to Anna University  
Chennai-25



## ABOUT THE COLLEGE:

**EASWARI ENGINEERING COLLEGE (EEC)**, a division of SRM Group of Educational Institutions for higher learning is functioning under the aegis of “Valliammai Society”. The society was founded in the year 1975, for promoting the cause of Quality Education, by Dr. T. R. Paarivendhar, an Academician and Educationist. EEC was instituted in the academic year 1996 – 1997, with the approval of All India Council for Technical Education (AICTE), New Delhi. The college is affiliated to Anna University, since 2002. The Institution have been accredited by National Assessment and Accreditation Council (NAAC) at ‘A’ Grade. The College offers Eight Under-Graduate Programmes, Six Post Graduate Programmes and Seven Research Nodal Centers under Anna University covering ‘Engineering & Technology’. The college has a strong Industry- Interaction with reputed National and International organizations. The college has obtained ISO 9001:2015 Certification from TUV South Asia. Easwari Engineering College is a DST-FIST sponsored Institution.

## ABOUT THE DEPARTMENT:

The Department of Mechanical Engineering was established in the year 2003 and offers under graduate programme in Mechanical Engineering and Post graduate programme in Engineering design. The department has secured permanent affiliation from Anna University and is accredited by National Board of Accreditation (NBA). The department has been recognized as Nodal Centre for doing Research under Anna University. The Department staff and students involve in research activities and DST-IPHEE has sanctioned project grants for doing research using CFD. The Department strives to develop long term relationship with Industries and market the students’ talents effectively. Students have received many National level awards in vehicle design competitions and Professional Societies like SAE, ISTE, IET and ISHRAE.

## ABOUT THE PROGRAMME:

The study of the Design of Machine Elements lies at the very core of a Mechanical Engineering background, Fundamentals of Design in Machine components brings the subject alive and current. Important areas of many technologies such as machine design, component design in the area of robots, automobiles, aircraft, satellites, tremendous advances and innovations have been made by applying this subject knowledge. This Faculty Development Training Programme on Design of Machine Elements is planned to provide basic concepts with number of sessions on the subject for the teachers employed in colleges affiliated to Anna University, faculty members from IIT, Central, State funded Institutions and People from the industry. This will also enable the faculty members to teach this subject for the Third year mechanical engineering students effectively.

## COURSE CONTENTS:

The course content is as per the Anna University syllabus and includes the following topics:

- ◆ Basics of variable & steady stresses in machine members.
- ◆ Principle stresses for various load combinations.
- ◆ Factors influencing machine design.
- ◆ Calculation of principle stresses for various load combinations.
- ◆ Design of solid and hollow shafts & Couplings.
- ◆ Design of temporary and permanent joints.
- ◆ Energy Storing Elements and Engine Components.
- ◆ Bearings.

## EXPERTS:

Expert members from the host institution, Anna University, IIT Chennai and other reputed affiliated institutions.

## ORGANISING COMMITTEE:

**Chief Patron:** **Vice-Chancellor**  
Anna University,  
Chennai.

**Patron** : **Dr. J. Kumar**  
Registrar i/c,  
Anna University,  
Chennai.

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

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

**Co-Chair** : **Dr. K. Kathiravan,**  
Principal, EEC

**Dr. V.Elango**  
Professor & VP (Acad.)  
Dept of Mech. Engg., EEC.

**Dr. M. Vetrivel Sezhian,**  
Professor & Head,  
Dept of Mech. Engg., EEC.

**Coordinator:** **Dr.R.Ramadosh,**  
Professor,  
Dept of Mech. Engg., EEC.

**Mr.K.Giridharan,**  
Assistant Professor,  
Dept of Mech. Engg., EEC.

**Venue** : **Seminar Hall**  
Dept of Mech. Engg., EEC.

### Important dates:

Submission of application	: 02/05/2019
Intimation of selection	: 03/05/2019
Confirmation by participants	: 05/05/2019