

### ABOUT THE INSTITUTION

Government College of Engineering, Thanjavur was established in the year 2013 by Government of Tamilnadu to cater the needs of technical education in emerging areas of engineering and excellence in research in different disciplines of science and engineering. The Tamil Nadu Government has created adequate infrastructural facilities and sufficient funds and is keen on developing the institute for higher education. The college has been located on 35.73 acres, 20 km from the city of Thanjavur and 35 km from the city of Trichy on Sengipatti - Gandharvakottai Main road. This college is affiliated to Anna University, Chennai. This college is the recognized research centre of Anna University, Chennai.

### ABOUT THE DEPARTMENT

The Department of Mechanical Engineering offers full time B.E Mechanical Engineering and Ph.D programme (full time and part time). Seven faculty members are doctorates and more than 20 research scholars are pursuing Ph.D programme. 14 Doctorates have been produced by the faculty members of Mechanical Engineering. The average teaching experience of faculty is more than 10 years. The students have received Dr.Kalam Young Achiever Award for the year 2017 & 2018 on National Youth Science Day organized by Centre for Entrepreneurship Development, Anna University, Chennai and World Youth Federation for their excellence in project works.

### ABOUT THE PROGRAMME

This programme aims to solve Structural, Thermal, Heat Transfer and Dynamics problems using FEM. Upon completion of this FDTP, the participants can able to understand different mathematical techniques used in FEM and use of them in solving engineering problems.

### COURSE CONTENTS

The programme covers the following important aspects of Engineering Analysis:

- ✓ Weighted residual, variational formulation and Ritz technique
- ✓ Solution of problems from solid mechanics and heat transfer
- ✓ Two dimensional scalar variable problems & vector variable problems
- ✓ Axisymmetric formulation and isoparametric formulation
- ✓ Numerical integration techniques

### RESOURCE PERSONS

Sessions will be handled by the experts from Central/State funded institutions/ eminent persons from established institutions or people from industries.

### ELIGIBILITY CRITERIA

Faculty from affiliated engineering colleges only are eligible and selection is based on first come & first served basis.

Two-Week FDTP

ON

ME 6603

FINITE ELEMENT ANALYSIS

December 10-21, 2018

### REGISTRATION FORM

#### Co-ordinators

Dr.S.Jayabal  
Dr.S.Sivasankar



#### Sponsored by

Anna University  
Chennai

#### Organized by

Department of Mechanical Engineering  
Government College of Engineering  
Thanjavur 613 402  
Phone: 04362 221112  
Web site: www.gceij.edu.in

Two-Week FDTP ON  
ME 6603-FINITE ELEMENT ANALYSIS  
December 10-21, 2018

### REGISTRATION FORM

Name: Dr./Mr./Ms.: \_\_\_\_\_  
Gender: Male/Female \_\_\_\_\_  
Designation/Dept.: \_\_\_\_\_  
Institution: \_\_\_\_\_  
Academic Qualifications: \_\_\_\_\_  
Teaching Experience: \_\_\_\_\_  
Mobile No. : \_\_\_\_\_  
E-mail: \_\_\_\_\_  
Address: \_\_\_\_\_  
PIN code: \_\_\_\_\_  
Is Accommodation needed? Yes/No \_\_\_\_\_

Date: \_\_\_\_\_ Signature of the Applicant

### DECLARATION BY APPLICANT

The information furnished in the registration form is true to the best of my knowledge and belief. I agree to abide by the rules and regulations governing ANNA UNIVERSITY FDTP Programme. I shall attend the programme for the entire duration, if selected.

Place: \_\_\_\_\_  
Date: \_\_\_\_\_ Signature of Applicant

### SPONSORSHIP CERTIFICATE

Certified that Dr/Mr./Ms. \_\_\_\_\_  
\_\_\_\_\_

is an employee of our institution and is sponsored to attend the ANNA UNIVERSITY FDTP, if selected.

Place: \_\_\_\_\_  
Date: \_\_\_\_\_  
Signature of Head of Institution with Seal

### REGISTRATION

- No registration fee for the training programme.
- No TA and DA will be paid to the participants.
- Selected candidates will be intimated by e-mail only.
- Send the duly filled in Registration forms to the co-ordinator(s) by post on or before 05-12-2018.

### ADDRESS FOR CORRESPONDENCE

The Coordinators,  
FDTP-FEA,  
Department of Mechanical Engineering,  
Government College of Engineering,  
Thanjavur-613402  
Mobile: 9842909713, 8248924421  
E-mail: jayabalsubbaian@gmail.com  
shivasankar09@gmail.com

### ORGANIZING COMMITTEE

**CHIEF PATRON:** Dr.M.K.Surappa  
Vice Chancellor,  
Anna University, Chennai.

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

**CHAIRS:** Dr. D. Sridharan  
Director, CFD.  
Dr. I.Arul Aram  
Additional Director, CFD.

**CO CHAIRS:** Dr. R.Satyabama  
Principal, GCE, Thanjavur  
Dr.K.Manonmani  
HoD / Mechanical Engg,  
GCE, Thanjavur

**CO-ORDINATORS:**  
Dr.S.Jayabal, Asst. Prof. / Mech. Engg.  
Dr.S.Sivasankar, Asst. Prof. / Mech. Engg.

**VENUE:**  
Smart Class Room,  
Department of Mechanical Engineering,  
GCE, Thanjavur.

**IMPORTANT DATES:**  
Submission of application : 05/12/2018  
Intimation of Selection : 06/12/2018  
Confirmation by participants : 07/12/2018