

## APPLICATION FORM

### Faculty Development Training Programme on ME6702 – MECHATRONICS 15<sup>th</sup> May – 21<sup>st</sup> May 2017

1. Name:
2. Designation:
3. Qualification:
4. Age and Date of Birth:
5. Experience:
6. Email ID
7. Mobile No.:
8. Institution Address:
  
9. Institute Affiliated to Anna University: Yes/ No
10. How many times thought Mechatronics subject in UG/PG level.
11. Address for Communication:

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 Programme. If selected, I shall attend the programme for the entire duration.

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

#### SPONSORSHIP

Mr./Ms./Dr. \_\_\_\_\_ is an employee of our Institute /Organization and is hereby permitted for the above Faculty Development Training Programme, if selected.

Date: \_\_\_\_\_ Signature & Seal  
Place: \_\_\_\_\_ Head of the Institution

## ORGANIZING COMMITTEE

### CHIEF PATRON:

Vice-Chancellor,  
Anna University, Chennai.

### PATRON:

**Dr. S. Ganesan**  
Registrar,  
Anna University, Chennai.  
**Dr. A. Rajadurai**  
Dean, MIT Campus.

### CHAIR:

**Dr. K. Shanthi**  
Director, CFD,  
**Dr. D. Sridharan**  
Addl. Director, CFD,  
Anna University, Chennai.

### CO-CHAIR:

**Dr.R.Kesavan,**  
Professor & Head,  
Department of Prod.Tech.,  
Anna Univ. MIT Campus.

### CO-ORDINATORS:

**Dr. P.Karthikeyan**  
Assistant Professor / Prod. Tech.,  
Dean, MIT Campus.  
**Mr. N. Srirangarajalu**  
Assistant Professor / Prod. Tech.,  
MIT Campus, Anna University  
Chennai 600 044

**VENUE:** Ponnava Hall, Prod. Tech., MIT

### IMPORTANT DATES:

Submission of Application : 10-05-2017  
Intimation of selection : 11-05-2017  
(by E-mail only)  
Conformation by Participants : 12-05-2017

## SEVEN DAYS FDTP ON ME6702 – MECHATRONICS

15<sup>th</sup> May – 21<sup>st</sup> May 2017

### CO-ORDINATORS

**Dr. P.Karthikeyan**  
**Mr. N. Srirangarajalu**



*Sponsored by*  
**Centre for Faculty Development**  
**Anna University, Chennai -25**

*Organized by*  
**Department of Production Technology**  
**Anna University, MIT Campus,**  
**Chennai 600 044**

## ABOUT THE PROGRAMME

The objective of this programme is to impart knowledge on the various elements involved on mechatronics systems development. The participants attend this course will be familiar about sensors, actuators, microprocessor, PLC and integration of systems. Participation on this programme will be helpful in teaching the subject ME 6702 Mechatronics for the seventh semester B.E Mechanical Engineering and Manufacturing Engineering students.

## COURSE CONTENT

The programme covers the following important aspects of Mechatronics:

- Overview of various mechatronics systems
- Sensors and signal conditioning
- Microprocessor and PLC
- Actuators
- Case studies
- Laboratory

## REGISTRATION

The course is offered free of cost to the faculty members of Anna University and its affiliated colleges. The total registration is restricted to 25 members. During the programme, working lunch and refreshments will be provided. Accommodation and TA/DA could not be provided.

## ABOUT THE DEPARTMENT

The Department of Production Technology was established in the year 1978 at MIT campus. At present B.E. (Production Engineering), B.E. (Mechanical Engineering), M.E. (Manufacturing Engineering), M.E. (Mechatronics) and M.E. (Green Manufacturing Engineering) (Part time) are offered. In addition M.S. (By Research) and Ph.D. are also offered. The Department has been awarded funding under UGC-SAP and DST-FIST. 60 Ph.D. degrees have been awarded. More than ten National and International Conferences, Seminars and Faculty Development Programmes have been conducted.

The ongoing research areas are:

- Mechatronics
- Sensors and Signal Processing
- Robotics
- Machine Vision
- Brain Computer Interface
- Condition Monitoring
- Haptics
- MEMS and Nano Systems
- Fluid Power Automation
- 3D Printing
- Composite and Smart Materials
- Superplastic Forming
- Friction stir welding
- Squeeze Casting & Stir Casting
- WEDM & AWJM
- Hot Machining
- Grinding
- FEA/FEM
- Additive Manufacturing
- Quality Management
- Lean Manufacturing

## ELIGIBILITY

Faculty from Mechanical, Production, Mechatronics and Manufacturing from colleges affiliated to Anna University are eligible.

## PROGRAMME CERTIFICATES

Participation certificates will be issued to the candidates who attend the programme for the entire duration. The certificate will be issued by the Centre for Faculty Development, Anna University, Chennai - 600025

## MAILING ADDRESS

The Coordinators

FDTP on ME6702- MECHATRONICS

Department of Production Technology

Anna University, MIT Campus,

Chromepet, Chennai-600 044.

Mobile No.: 9943419270/9444827193

pkarthikeyan@mitinida.edu

nsrirangarajalu@mitindia.edu

The scanned copy of filled application must be sent through email before send a post.