

### OBJECTIVES

The Faculty Development Training Programme on Applied Soft Computing is intended to help young faculty members to equip themselves to teach the course with utmost confidence and also to discuss latest technological development in the area of soft computing.

### TOPICS TO BE COVERED

- Architectures of ANN
- Neural Networks
- Fuzzy Logic Control
- Genetic Algorithms
- Optimization techniques
- Applications to
  - Economic dispatch and unit commitment
  - Process control
  - Torque control in electric drives
  - Active suspension systems

### RESOURCE PERSONS

The resource persons shall include eminent faculty from IITs, NITs, Anna University, and from Leading Scientific Organizations & Industries.

### ELIGIBILITY

Faculty members from EEE, E&I, I&C and other circuit branches of all AICTE approved Engineering colleges, affiliated to Anna University.

### ABOUT ANNA UNIVERSITY, CHENNAI

Anna University was established on 4<sup>th</sup> September, 1978 as a unitary type of University. It offers higher education in Engineering, Technology and Allied Sciences relevant to the current and projected needs of the society. Anna University is the largest University with an affiliation of more than 500 Engineering Colleges in Tamil Nadu.

### ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering was started in the year 1962. The department is equipped with state of art lab infrastructural facilities. The department is recognized as Centre for Advanced Studies (CAS) by UGC. The Department offers B.E. (EEE) and M.E. courses in Power Systems, Power Electronics and Drives, Control and Instrumentation, High Voltage Engg., Embedded Systems and Power Engg. & Management. The department is a research centre for Ph.D. in Electrical Engineering.

### ABOUT THE PROGRAMME

Applied soft computing is an elective course for EEE, E&I and I&C streams. This Programme is designed to emphasis different computing techniques to solve various issues that occur in any electrical and electronics system. The programme is also intended to give hands-on training to mitigate issues in real time systems.

### REGISTRATION

There is no registration fee for the participants. Candidates will be selected on first come first served basis with preference to junior faculty members of institutions affiliated to Anna University. Maximum number of participants is 25.

### SEVEN DAYS FDTP

ON

### EE6006 – APPLIED SOFT COMPUTING

19<sup>th</sup> June - 25<sup>th</sup> June 2018

### REGISTRATION FORM

*Co-ordinators*

**Dr. P. Lakshmi**

**Dr. A. Sivaprakasam**



*Sponsored by*

**Anna University  
Chennai-25**

*Organized by*

Department of Electrical &  
Electronics Engineering,  
College of Engineering Guindy,  
Anna University, Chennai

## **ORGANIZING COMMITTEE**

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

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

Dr. T. V. Geetha  
Dean, CEG Campus,  
Anna University

CHAIR Dr. K. Shanthi,  
Director, CFD

Dr. D. Sridharan,  
Addl. Director, CFD

CO-CHAIR Dr. G. Uma,  
HOD/DEEE

COORDINATORS Dr. P. Lakshmi  
Dr. A. Sivaprakasam

VENUE X Hall,  
Department of EEE  
Anna University, Chennai

### **IMPORTANT DATES :**

Submission of Application : **08.06.2018**

(By post / e-mail)

Intimation of selection : **11.06.2018**

(By email only)

Confirmation by Participants: **13.06.2018**

(By email only)

## **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 Programme. If selected, I shall attend the Programme for the entire duration. I also undertake the responsibility to inform the Coordinator in advance if I am unable to attend the course.

Date:  
Place:

Signature of the Applicant

### **Certificate from Head of the Institution**

Mr./Ms./Dr. \_\_\_\_\_

is an employee of our Institution/Organization, affiliated to. He / She will be permitted to attend the programme, if selected.

Signature of Head of the Institution with seal

Date:  
Place:

### **Send in your registration to**

The Coordinator(s),  
FDTP on Applied Soft Computing,  
Department of Electrical and Electronics  
Engineering, College of Engineering Guindy,  
Anna University, Chennai –600025,  
Tamil Nadu, INDIA.  
Contact No.: 044 – 2235 7808, 7827  
Email : fdp.eee.au@gmail.com

## **APPLICATION FORM**

**FDTP on EE6006-Applied Soft Computing**

**19<sup>th</sup> June - 25<sup>th</sup> June 2018**

1. Name :
2. Date of Birth :
3. Designation :
4. Institution :
5. Institution affiliated to Anna University: Yes/No
6. Address for Communication :
7. E-mail ID :
8. Phone No (s) :
9. Educational Qualification :
10. Subjects taught in the last one year :
11. Professional Experience (in years)  
Teaching:  
Industrial:

**Signature of the Applicant**