Registration Form

Name: …………………………………………………..

Designation :……………………………………….

Department :………………………..………………..

Academic/Industry :…………………..……………….

Address :

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City & Pin :……………………..…………………….

E-mail id :…………………………………………….

Contact No :…………………………………………..

Bank :………………………………….....................

Amount :……………………………………………….

DD No. & Date :………………………………………

Place: Signature
Date:

Declaration

I…………………………………….. agree to abide by the rules and regulation governing the training programme, The information provided herewith is true of to the best of my knowledge.

Place: Signature
Date: Forwarded / Recommended

Signature with Seal
Head of the institution

Invited Speakers

Eminent speakers from reputed Institutions.

Participants
Faculty members from universities, affiliated / autonomous Institutes of the country, working professionals and researchers.

Date to Remember

Last date for registration: **14.08.2013**

COURSE FEE DETAILS:

Registration Fees: Rs.500 per Participant

The payment should be made by DD drawn in favour of **"Dean, Anna University, BIT Campus, Tiruchirappalli"** payable at Tiruchirappalli.

Contact:
The Head.
Department of Electrical and Electronics Engineering
Anna University, BIT Campus
Tiruchirappalli - 620 024
Email : **teqipeee@gmail.com**
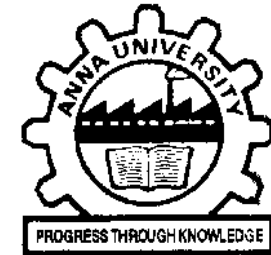Phone:+91-431-2407970
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SCTEE-2013

19 - 25, August 2013

Organized by

Department of Electrical and Electronics Engineering
Anna University, BIT Campus
Tiruchirappalli - 620 024

Anna University, BIT Campus Tiruchirappalli

Anna University, BIT Campus, Tiruchirappalli, has been established by the Government of Tamil Nadu as a 'Technical Institution' at Tiruchirappalli - known as Rock Fort city, with rich cultural heritage and home to many reputed educational institutions. The BIT institution is one of the constitution college of Anna University, Chennai. The Institution is established with a view to impart quality student centered technical education, so as to produce proven technocrats and to strive hard for continuous development and improvement in learning, research and developmental activities. Teaching, Research and Extension services are carried through the Departments and Centers of the Institution. The Institution also works towards fostering partnerships with Academic and Industrial experts to provide quality education and opportunities for entrepreneurial development by providing hands-on training. BIT has carved a niche for itself in providing technical education in the disciplines that are rare of their kind in our country. Aiming at excellence, the Institution offers Research programmes in English and UG/PG programmes in various disciplines

Department of Electrical and Electronics Engineering

The Department of Electrical and Electronics Engineering was established in 2007 as part of the Anna University, BIT Campus, Tiruchirappalli. The Department today is recognized for teaching and for providing an outstanding research environment for staff and students. The Department provides professional training and at the same time to participate actively in applied and theoretical research. The Department strives to instill in students the attitudes, values, vision and training that will prepare them for lifetimes of continued learning and leadership, to develop the ability and passion to work wisely, creatively, and effectively for the benefit of society; to generate new knowledge for the betterment of humankind and disseminate it universally; and to generate realistic and innovative solutions for the current and future technological needs.

About The Course

Soft Computing is the fusion of methodologies that were designed to model and enable solutions to real world problems, which are not modeled, or too difficult to model, mathematically. These problems are typically associated with fuzzy, complex, and dynamical systems, with uncertain parameters. These systems are the ones that model the real world and are of most interest to the modern science.

The applications of Soft Computing have proved two main advantages. First, it made solving nonlinear problems, in which mathematical models are not available, possible. Second, it introduced the human knowledge such as cognition, recognition, understanding, learning, and others into the fields of computing.

"Soft computing differs from conventional (hard) computing in that, unlike hard computing, it is tolerant of imprecision, uncertainty and partial truth. In effect, the role model for soft computing is the human mind. The guiding principle of soft computing is: Exploit the tolerance for imprecision, uncertainty and partial truth to achieve tractability, robustness and low solution cost"

The main techniques in soft computing are evolutionary computing, artificial neural networks, fuzzy logic and Bayesian statistics. The idea behind soft computing is to model cognitive behavior of human mind.

Tentative Topic Covered:

- Introduction and Overview of Soft Computing Techniques
- Neural Network
- Knowledge Based Neural Network
- Functional Neural Networks
- Fuzzy Logic
- Fuzzy Logic Application to Power System and Power Electronics
- Genetic Algorithm
- Simulation tools

Organizing Committee

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Vice Chancellor
Anna University
Chennai 600 025

Patron

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Registrar
Anna University
Chennai 600 025

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Tiruchirappalli – 620 024

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