

Hands-on Training Programme
on
SOFT COMPUTING
&
BIO-INSPIRED OPTIMIZATION
using
MATLAB

30 – 31, August 2017

Convener

Dr. P. Anandhakumar
Professor and Head

Coordinators

Dr. Ponsy R.K. Sathia Bhama
Dr. Y. Nancy Jane



Organized by

Department of Computer Technology
MIT Campus, Anna University,
Chromepet, Chennai-600 044,
Tamilnadu, India.

Organizing Committee

Chairman :

Dr. S. Ganesan
Registrar, Anna University.

Co-Chairman :

Dr. A. Rajadurai
Dean, MIT Campus, Anna University.

Honorary Chair:

Dr. S. Thamarai Selvi,
Professor, Dept. of CT,
MIT Campus, Anna University.

Communication

The Coordinators,
Hands-on Training Programme on
Soft Computing using MATLAB
Department of Computer Technology,
MIT Campus, Anna University,
Chromepet, Chennai-600044.

Email-id: trainingonsc@gmail.com

Phone : 044-2251 6223, 6224.

Registration Form

1. Name :
2. Designation :
3. Institution :
4. Academic Qualification :
5. Date of Birth :
5. Research Interest :
6. Communication Address :
7. Phone :

8. Email-id :

Declaration :

I hereby declare that the given information are true to the best of my knowledge. If selected, I shall attend the entire training programme.

Place :

Date :

Signature of the Participant

About the Department

The Department of Computer Technology at MIT Campus, Chennai strives to produce excellent computer professionals through comprehensive educational programmes, promoting students with managerial skills to become competitive entrepreneurs, carrying out research in collaboration with industries and adaptive to ever-changing technologies.

About the Training Programme

This training programme is aimed for the Soft Computing research aspirants to explore wide knowledge and gain practical training experience in the tools and techniques of Soft Computing. The objective of this training is to exchange ideas and gain in depth awareness in applying soft computing to provide acceptable solution for real time applications.

Target Audience

Students, Research Scholars, Academicians, and Industry Delegates.

Registration Fee: Rs. 1000/-

The Demand Draft should be drawn in favor of "**The Dean, M.I.T. Campus, Anna University, Chennai – 600044**" payable at Chennai.

Important Dates

Last date for submission
of Registration Form
along with DD : **21.08.2017**

Selection Intimation : **23.08.2017**

Confirmation from
Participant : **24.08.2017**

Note:

- Participants restricted to 50.
- Registration fee nonrefundable.

Trainers

Research Experts from Anna University and reputed industries.

Course Outline

- ❖ Introduction to Soft Computing & Bio-inspired optimization
- ❖ Research Methodologies in Soft Computing
- ❖ **Hands-on Using MATLAB**
 - Neural Networks
 - Types, Learning Techniques
 - Bio-Inspired Optimization
 - BAT, CUCKOO,ACO, GA, PSO
 - Fuzzy Logic & Inference System
 - Neuro-Fuzzy