IMPORTANT DATES

Last Date to send Registration form : 24.01.2014.
Date of Intimation to Selected Participant : 27.01.2014.

FEE DETAILS

Industrial Professional : Rs 2000/-.  
Faculties : Rs 1500/-
Full time Research Scholars : Rs 1000/-
Students : Rs 1000/-

REGISTRATION DETAILS

Interested Participants can fill the registration form and send it on or before the last date mentioned to the given Communication address. Only 30 participants are allowed to attend. Selection is based on First Come First Serve Basis. After intimation of selection, the selected participant can take a DD drawn in favour of “Computer Applications Association,” payable at Coimbatore and bring it on the day of workshop for registration.

Address for Communication
Dr. P.GaneshKumar
Head of the Department,  
Department of Computer Applications,  
Anna University,  
Regional Centre, Coimbatore,  
Jothipuram, Coimbatore - 641047.
Mobile No. 9789990889  
E-mail : aurccmca@gmail.com  
Web : www.annauniv.edu

Organizing Committee

Chief Patron
Prof. Dr. M. Rajaram  
Vice Chancellor,  
Anna University,  
Chennai-600 025.

Patron
Dr. S. Ganesan  
Registrar,  
Anna University,  
Chennai-600 025.

Chair
Dr. M. Saravanakumar  
Dean - Regional Office  
Anna University, Regional Centre,  
Coimbatore-641 047.

Organizing Secretary
Dr. P. GaneshKumar  
HoD / MCA,  
Anna University, Regional Centre,  
Coimbatore - 641 047.

Committee Members
Mrs. N. Jean Effil  
Mrs. S. Kanimozhi Suguna  
Mrs. T. Shunmugapriya  
Ms. K. R. Sumathi  
Mr. S. Suman

Supporting Staff Members
Mrs. M. A. Kavitha  
Mr. T. Sasikumar  
Ms. K. Manimekalai

ANNA UNIVERSITY
REGIONAL CENTRE, COIMBATORE

TWO DAYS NATIONAL WORKSHOP
on
Intelligent Optimization Techniques

6th & 7th FEB’ 2014

Organized by
Dept.of Computer Applications  
Anna University  
Regional Centre, Coimbatore - 641 047.
About The University

Anna University was established on 4th 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. Besides promoting research and disseminating knowledge gained therefrom, it fosters cooperation between the academic and industrial communities. The Anna University, which is of the affiliated type, is a member of the Association of Indian Universities, the Association of Commonwealth Universities and Partner of UNESCO International Centre for Engineering Education (UICEE). With proven capabilities both in academic and research areas, Anna University was able to receive this honour for a period of five years for excellence in Technical Education. Anna University has four regional centres at Coimbatore, Madurai, Tiruchirapalli and Tirunelveli to spearhead the academic activities throughout the state.

About The Course

Most Engineering problems are optimization problems subject to complex constraints. Traditional algorithms usually do not produce successful applications for the thorny engineering optimization problems. Since 1960’s, there has been increasing interest in imitating living beings to develop powerful algorithms for difficult optimization problem. Evolutionary Computation Techniques (ECT), and Swarm Intelligent Techniques (SIT) are two major group of nature inspired techniques. The former imitates the Intelligent behaviour of natural evolutionary process of living beings whereas the latter imitates the intelligent foraging/mating behaviour of group of living creatures. This two days National Workshop aims to impart knowledge and development skills to the interested participants in the nature inspired Intelligent Optimization Techniques.

TOPICS TO BE COVERED

- Introduction to optimization
- Simple Genetic Algorithm
- Advanced Genetic Algorithm
- Particle Swarm Optimization
- Hybrid GA and PSO
- Artificial Bee Colony Algorithm
- MATLAB Programming Practice
- MATLAB Code Development for GA, PSO & ABC

TARGET AUDIENCE

Faculty members from Universities, Affiliated and Autonomous Institution, Industrial Professionals, Research Scholars and Students.

REGISTRATION FORM

Name: ........................................
Qualification: ...................................
Department: ....................................
College Address: ................................
E-mail: .......................................
Mobile: .....................................

Accommodation Required: □ Yes □ No

DECLARATION BY THE CANDIDATE

The above given information is true to the best of my knowledge. I agree to abide the rules and regulations governing the programme.

Place: ........................................
Date: ........................................

Signature of the Candidate

Office Seal:

Signature of the Head of the Department
(With Seal)