

SPONSORSHIP CERTIFICATE

Dr./Mr./Ms.....is
an employee of our Institution/Organization and
is hereby sponsored to participate in Two Days
Workshop on “Advanced Computational
Techniques in Information Processing”
during April 4th – 5th, 2012 at Thiagarajar
College of Engineering, Madurai – 15.

Place:

Date:

Signature of Head of the Institution
(with seal)

Eligibility:

Faculty / Researchers from all Engineering
Colleges / Universities / Research Labs, IT
Professionals from Industries, UG and PG students
are eligible to apply.

Course Fee per Participant:

- Participants from Industries/
Researchers from R&D Labs : Rs. 3000/-
- Faculty : Rs. 1500/-
- Research Scholars, Students : Rs. 1000/-

The course fee includes course kit, working
lunch and participation certificate.

The Demand Draft should be in favour of
“The Principal, Thiagarajar College of
Engineering, Madurai 625 015”, Payable at
Madurai.

Last Date for Registration: 30.3.2012

Confirmation of Selection: 31.3.2012

For Registration/Enquiries

Contact:

Dr. J. Jennifer Ranjani

Mrs. C. Jeyamala

Department of Information Technology,
Thiagarajar College of Engineering,
Tirupparankundram,
Madurai - 625 015

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THIAGARAJAR COLLEGE OF ENGINEERING

(A Govt. Aided Autonomous Institution,
Affiliated to Anna University)



TWO DAYS WORKSHOP ON ADVANCED COMPUTATIONAL TECHNIQUES IN INFORMATION PROCESSING

April 4th & 5th, 2012

Organised
by

Dept. of Information Technology
Thiagarajar College of Engineering
Madurai 625 015

Convener
Dr. N. Balaji

Coordinators
Dr. J. Jennifer Ranjani
Mrs. C. Jeyamala

About the College:

Thiagarajar College of Engineering is one among the several educational, industrial and philanthropic institutions founded by Late. Sri Karumuttu Thiagarajar Chettiar. This 54 year old institution is a Government aided autonomous institution, accredited by National Board of Accreditation, approved by the All India Council for Technical Education and affiliated to Anna University. The college offers 7 Undergraduate, 14 Post graduate and Doctoral Programmes in Engineering, Science and Architecture.

About the Department:

The department of Information Technology offers a B. Tech programme in Information Technology with a prime focus on Information Security and Data Base Management Systems. The department has signed a MoU with EMC² to train the students and faculty in information storage and management systems. It runs a UGC supported project in Data Mining. The department possesses an experienced faculty resource including six Doctorates and others pursuing research in the areas of information security, data mining, software engineering, distributed computing, multi-core architecture, multi-media systems and soft computing. The faculties have technical contributions in several referred international journals and renowned international conferences.

About the Course:

The extensive use of digital data in our everyday life and their inherent presence around us, urges for the development of smarter and more efficient approaches for modelling, analysis, processing and communication of information. Information processing techniques have gone so far and are able to perform tasks that could only be a

dream few years ago; thanks to the smarter algorithms, larger increase in processing power, storage capabilities and communication bandwidth available in today's computers and networks.

This course aims at exploring the state-of-the-art computational techniques like Statistical estimation and detection theory, Bayesian theorem, multi-variant data analysis, Support Vector Machines, Genetic algorithms, Particle Swarm Optimization, Ant colony Optimization. Applications of these information processing techniques in the areas of Signal and Image Processing, Data Mining, Pattern Recognition, Video Analysis and Tracking will be discussed along with case studies.

Course Outline:

- Statistical techniques for Information Processing.
- Multi-variant Data Analysis.
- Image Analysis and Matching Techniques.
- Video Analysis and Classification Techniques.
- Population based Meta Heuristics.
- Feature Selection Techniques.

Resource Persons:

- Dr. N. Jawahar, Dean (Research), TCE.
- Dr. S. J. Thiruvengadam, Professor, ECE, TCE.
- Dr. S. Mohammed Mansoor Roomi, AP, ECE, TCE.
- Dr. S. Appavu @ Balamurugan, AP, IT, TCE.
- Dr. B. Yogameena, AP, ECE, TCE.
- Dr. S. Geetha, AP, IT, TCE.

Registration Form

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April 4th & 5th, 2012

Organised by
Dept. of Information Technology
Thiagarajar College of Engineering

1. Name:

2. Designation:

3. Address for Communication

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4. Phone

6. Email ID

7. Educational Qualification

8. Fee Particulars:

DD. No :

Amount :

Date :

Bank :



Date:

Signature