

SPONSORSHIP CERTIFICATE

Dr/Mr/Mrs.....
is an employee of our Institute/Organization and is hereby sponsored to participate in the "One Day Seminar on **"MULTICORE TECHNOLOGIES"** on 8th December 2011 at Thiagarajar College of Engineering, Madurai-15

Place:

Date:

Signature of Head of the Institution
(With seal)

Participants

The seminar is open to Faculty of Engineering College, Research scholars and students of CSE, IT, ECE and MCA disciplines. Industrial persons can also apply. Participants will be expected to have knowledge in programming and computer architecture. The completed applications should reach the Coordinator on or before 1st December 2011.

Registration Fee

The registration fee includes certificate of participation, lunch and refreshment

Faculty / Research Scholars / Students : Rs. 500/-
Industrial Delegates : Rs. 1000/-

Mode of Payment

All payments should be made by a Crossed Demand Draft in favour of **"The Principal, Thiagarajar college of Engg."** payable at Madurai.

Last date for Registration : 1st December 2011

THIAGARAJAR COLLEGE OF ENGINEERING

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



One Day Seminar On **MULTICORE TECHNOLOGIES**

8th December 2011 - Thursday

Organised by

**DEPT. OF COMPUTER SCIENCE & ENGINEERING
THIAGARAJAR COLLEGE OF ENGINEERING
MADURAI, TAMILNADU - 625 015**

Course Co-ordinator

Dr. P.Chitra

College

Thiagarajar College of Engineering is one among the several educational, industrial and philanthropic institutions founded by Late. Sri Karumuttu Thiagarajan Chettiar. This 53 year old Institution is a Government Aided Autonomous Institution, accredited by NBA, approved by the All India Council for Technical Education and affiliated to Anna University. The college offers 9 Undergraduate, 13 Post graduate and Research programs leading to PhD degree in Engineering, Science and Architecture disciplines.

Department

The FIST supported Computer Science and Engineering Department has Knowledge Engineering as its theme area. The department has laboratories supported by Intel, TCS, HP and IBM. The department has the privilege of having done many R&D projects from DRDO, AICTE, DIT and DST. The department is a consortium partner of CDBR- Smart and Secure Environment project sponsored by NTRO, New Delhi. The department has collaboration with Yahoo India, Adobe, CTS, Infosys and Honeywell. As a Prometric center, it offers six Certification courses. The department is responsible for design and development of College Management Information System which has received many National level recognition. The department has experienced faculty with publications in reputed Journals and Conferences. The department is the recognized research centre for offering Ph.D and M.S (by research) programs in Computer Science and Engineering.

Objectives

Computer manufacturers have come out with multiple processors cores per chip that give better performance and reduce problems like energy consumption, heat dissipations and design complexity. We are witnessing the emergence of multicore processors in all markets from laptops, mobile devices, servers, supercomputers.

Hence there is an urgent need for paradigm shift for the programming community to familiarize themselves with multicore architectures and parallel programming to harness the computing power of multicore architectures. This seminar will train the participants to face the challenges ahead in multicore computing.

Course outline:

- (i) Multicore Architectures- The necessity and design change
- (ii) Multicore in Cloud computing
- (iii) Parallelizing irregular data applications
- (iv) Hands-on programming using Pthreads, OpenMP
- (v) Research issues in Multicore architectures

Invited Speakers

- (i) Dr. Ranjani Parthasarthy, Professor, Anna University Chennai.
- (ii) Mr. Narayan Iyer, CEO, i2innovate, Bengaluru.

Contact Details

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APPLICATION FORM

One Day Seminar On

MULTICORE TECHNOLOGIES

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DEPT. OF COMPUTER SCIENCE & ENGINEERING
THIAGARAJAR COLLEGE OF ENGINEERING

- 1. Name :
- 2. Designation :
- 3. Educational Qualification :
- 4. Institution :
- 5. Experience :
- 6. Address for Communication :

- 7. Email ID :
- 8. Phone :
- 9. Fee Particulars :

DD. No & Date :

Amount :

Date :

Bank :



Date:

Signature