

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

8th December 2011 - Thursday

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