

Who can attend?

The workshop is exclusively meant for teaching faculty and research scholars in VLSI and Embedded domain and those who are interested in learning about how embedded systems may be designed and implemented along with the FPGA technologies.

Steps in Registration

Please fill in the form herewith necessary data and send the registration form to the coordinator

Fees

There is no REGISTRATION FEE for the workshop.

Venue

ALTERA VLSI LAB,
Department of ECE,
Thiagarajar college of Engineering, Madurai.

About the workshop:

To enhance the technical knowledge for the faculty about how to design and implement reconfigurable systems along with the ARM & DSP technologies with particular focus on how to develop and integrate custom designs to application.

Course Content:

- Introduction to reconfigurable technology
- Reconfigurable technology- key to optimization
- Industrial electronics system design using reconfigurable technology
- Hands on session in application design

Achievable skills:

On successful completion of the workshop, faculty will be able to :

- Appreciate the current applications and capabilities of reconfigurable technology
- Understand FPGA architecture as a configurable architecture
- To relate traditional microcontroller/DSP design, implementation and test those used along with the system
- Understand how to use multiple technologies along with FPGA and its implementation
- Appreciate how multi-process system may be implemented ARM/DSP processor and FPGA

Coordinators

Dr.S.Rajaram,
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THIAGARAJAR COLLEGE OF ENGINEERING (Autonomous) & ENIXS TECHNOLOGY INDIA Pvt., Ltd.,



Presents

One Day Workshop

On

**"Reconfigurable
Technology and its
Applications"**

21-10-2011
Fri Day
9.30AM-5.00PM

About the college:

Thiagarajar College of Engineering (TCE), Madurai, an ISO 9001:2000 certified institution, affiliated to Anna University, Thirunelveli, is one among the several educational and philanthropic institutions founded by Late. Shri Karumuttu Thiagarajan Chettiar, established in 1957. This Govt. aided institution was granted autonomy in 1987 and is accredited by National Board of Accreditation (NBA). TCE offers 7 undergraduate (UG), 13 postgraduate (PG) and Doctoral programmes in Engineering and Science.

About the Department:

Department of Electronics and Communication Engineering offers an UG programme in Electronics and Communication Engineering and PG programmes on Communication Systems and Wireless Technologies. This DST FIST supported department has completed 14 research projects with research organizations like DRDL, RCI, DEAL, BrahMos Aerospace and ISRO.

The department has also established ALTERA VLSI lab. The laboratory facilities in ALTERA VLSI lab include ALTERA DEI FPGA Board, Logic Analyzer, Advanced DSP- FPGA Trainer for measuring systems, FPGA Advantage 5.0, FPGA, CPLD Trainer Kit with JTAG Cable and power supply, SIMUTAG- Real Time Functional Verification - Debugger, VRAP Acceleration and Emulation Board.

About Enixs Tech India Pvt., Ltd.,

Enixs Tech India Pvt., Ltd., established at Trichy is one of the fastest growing advanced electronic equipment suppliers in India. Enixs is functioning with the motto of "Tech Hope For Third World Countries" and with the vision of technology establishment throughout the globe. Enixs manufactures trainer boards and electronic laboratory equipment for universities and other research laboratories. Enixs conducts training programs and workshops on cutting edge technologies; in association with universities. Enixs has its operation centers at Chennai, Bangalore, Hyderabad, Pune and New Delhi. Enixs is an impressive firm, renowned for its high standard qualities business and functions with an excellent R&D infrastructure at all its centers with technically qualified team of engineers.

Enixs- key area of operation:

- R&D outsourcing for optimized solution
- Firmware development for specific applications
- Design and development of PCB for high end applications
- Training on modern microelectronics and sophisticated tools
- Technology sharing for field service
- FPGA based system solutions

THIAGARAJAR COLLEGE OF ENGINEERING

(Autonomous)

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ENIXS TECHNOLOGY
INDIA Pvt., Ltd.,

Presents

One Day Workshop

On

"Reconfigurable Technology and its Applications"

21ST OCTOBER, 2011

REGISTRATION FORM:

Name:

Institution Name:

Address for communication:

Mobile Number:

Email id:

Date:

Place Signature:

Forwarded by the principal of

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