REGISTRATION FORM

1. Name :
2. Gender :
3. Year :
4. Branch :
5. Institution :
   with address
6. Email Id :
7. Contact No :

I have enclosed DD (in favour of “The Principal, Adithya Institute of Technology” Payable at Coimbatore) for the amount of Rs.150/ towards registration fees.

DD No :
Date :
Bank :

Student’s Signature :

Registration form can be downloaded at www.adithyatech.edu.in

Send your registration form on or before 06.09.2016

ORGANIZING COMMITTEE

CONVENOR
Dr. A. Rajendran,
Dean - Electrical Sciences

ORGANIZING SECRETARY
Prof. V. S. Velladurai, Assoc. Prof/ ECE

CO-ORDINATORS
Mr. P. Ravi Shankar, AP/ ECE
Ms. V. Ganga, AP/ ECE
Mr. K. Muniraj, AP/ ECE

ADDRESS FOR COMMUNICATION

The Organizing Secretary,
Department of ECE,
Adithya Institute of Technology,
Sathy Main Road, Kurumbapalayam,
Coimbatore - 641 107.
Contact Nos: 9443754628,
9566620123,
9543255999.
Website: www.adithyatech.edu.in
Fax: 0422 - 2654501

PCB DESIGN AND FABRICATION
(Hands-on training & Workshop)

08 SEPTEMBER, 2016

Organized by
PCB Design and Fabrication Centre
Department of ECE
Adithya Institute of Technology
ABOUT THE INSTITUTION

Adithya Institute of Technology (AIT) was established in the year of 2008. AIT is a self-financing engineering college and it is approved by the All India Technical Council for Technical Education (AICTE), New Delhi and affiliated to Anna University, Chennai. AIT is promoting quality education in the fields of engineering and technology using systematic procedure for teaching and learning, transparent academic procedure and effective monitoring. The college has collaborative arrangements with industries. AIT has signed a number of MoUs with Industries like WIPRO, INTEL, CISCO, DEV SOLAR, SIEMENS, etc to establish ‘Center of Excellence’. The College has ON GRID & OFF GRID Solar Systems.

ABOUT THE DEPARTMENT

The ECE Department was started in the year 2008. The PG course, “Applied Electronics” was started in 2011 and “VLSI Design” in 2013. The ECE department has been recognized as a Research Centre. The department helps to produce quality professionals through implementation of interactive teaching methodology with useful guidance from well-experienced faculty. The department is equipped with excellent laboratory with state of the art equipments helping the student to explore the technological challenges in the areas of Electronics, Communication, Networks, VLSI Design, Control System, Signal Processing and System Design.

The Departments have Centre of Excellence in
PLC & SCADA (SIEMENS)
Advanced VLSI Design (WIPRO)
Networking Studies (CISCO)

PCB Design and Fabrication lab is a special laboratory having latest software, which help students to design and fabricate a PCB for particular application.

ABOUT THE WORKSHOP

PCB (Printed Circuit Board) is a device which connects multiple electronic components in a single substrate. It mechanically supports and electrically connects electronic components using conductive tracks, pads and other features. In the PCB Design Workshop, the participants will design the circuit schematic using Altium software. After which they will be involved in practical sessions for fabrication of a real-time working PCB, using the designed circuit module from the software. This is a one day workshop which focuses on hands-on training on PCB Design and fabrication process.

SESSIONS SCHEDULE

Session 1: Fundamentals of PCB design
1. Introduction to PCB Design
2. Altium Software Tool
3. Simple Circuit Design
4. Developing the Schematics of PCB Design
5. Layout Creation

Session 2: PCB Fabrication - hands-on training
1. Cutting & Buffing
2. Exposing & Printing
3. Etching & Drilling
4. Tinning

RESOURCE PERSONS

Mr. N. Sethuraman
Design Engineer
JRM Technologies
Coimbatore

PARTICIPANTS

This workshop is open to ECE, EEE, EIE, & Mechatronics students.

REGISTRATION

All the participants have to pay an amount of Rs. 150/- as registration fee along with registration form by Demand Draft drawn in favour of “The Principal, Adithya Institute of Technology”, payable at Coimbatore. Registration fee includes working lunch, refreshment, participation certificate.

Last date for registration: 06.09.16