ELIGIBILITY

- Faculty from the Electronics & Electrical/Control/Instrumentation background
- Persons from Industry/ R&D organization
- UG/PG Students with Electronics & Electrical/Control/Instrumentation background

THE COURSE FEE DETAILS

- Students/ Research Scholars: Rs. 500/-
- Faculty from Engineering Colleges: Rs. 750/-
- Participants from Industry: Rs. 1000/-

(Only 40 seats available. Registration is on first come first served. Preference will be given for Engineering College Faculty)

PAYMENT

Participants are requested to send a demand draft in favor of “The Principal, Velammal Engineering college” Payable at Chennai along with the filled up registration form.

IMPORTANT DATE

Last date for the receipt of registration form: 11th February 2010.

Intimation to participants (Through E-mail): 14th February 2010
INSTITUTION PROFILE

The Velammal Educational Trust is a registered non-minority service organization established in the year 1986 by our honorable Chairman, Thiru. M.V.Muthuramalingam to inculcate among the youth a sense of discipline which is important to mould them into useful and capable citizens. The watch words of the Trust are “Dedication, Determination and Distinction”.

Velammal Engineering College was established in the year 1995-96 to impart quality education. It is a self financing non-minority institution, affiliated to Anna University and approved by All India Council for Technical Education (AICTE). The college has been certified by TUV NORD for following the ISO norms. The institute is accredited by National Assessment and Accreditation Council (NAAC) with A5 grade.

DEPARTMENT PROFILE

The department of Electronics & Instrumentation was established in the year 2002-03 with the student strength of 65 intake. It is accredited to NBA for three years and faculty strength of 24 with 5 Professors. All the faculty members are Post Graduates. The laboratory is well equipped with latest devices and Process control Lab worth of 25 lakhs. Every year our students are bagging at least 5-12 university ranks. Our department stands first in the Branch wise Statistics - ZONES 1 to 5 in Anna University- Chennai results (May/June 2009 Examination). The Department has consistent Placement record from the inception. Students & faculty members have participated in various event conducted by different institute and organization.

ABOUT THE WORKSHOP

The objective of the workshop is to impart knowledge on microcontrollers like 8051 and PIC in connection with real time applications which are used in various fields of Engineering & Technology.

The workshop covers basic microcontroller interfacing, Compiler, Assembler, debugger and application circuits. To give an exposure about the working of embedded C in the Assembler. Some of the latest applications like GSM, RFID and accelerometer and their interfacing with microcontroller are to be discussed.

TOPICS

- Introduction to micro controller- 8051, PIC 16F877
- Introduction to Embedded C & ASM Coding, Compiling, Debugging Using KEIL
- Study of Serial port interface with RS232 using MAX232 IC
- Hands on training on Interfacing circuits like LED, 7-Segment Display, LCD, Key pad, ADC, DAC &DC motor (8051)
- Real time Applications like SCR triggering, GSM, RFID with 8051
- Real time Sensor interface with PIC microcontroller

RESOURCE PERSONS

- Mr. M.E. Rajamanikam
  Sri Gemini Kits 'n' Spares, Chennai
- Mr. Vasanth
  Vee Eee Technologies Solution Pvt Ltd., Chennai

Two Days workshop
On
Real Time Embedded Applications
With Extensive Hands on Experience

17th & 18th February 2010

REGISTRATION FORM

Name:
Qualification:
Designation:
Faculty/Student/Scholars/Industry:
Proficiency in ‘C’:
Institution Address:

Communication Address:

Email:
Phone No:
Mobile No:

PAYMENT DETAILS

DD No:
Date:
Bank:
Amount:
Place:

Signature of the Applicant

Signature of Authority Person