

**K.L.N.COLLEGE OF ENGINEERING,  
Three Days FDP On  
“Real Time Hands on Training on PIC  
Microcontroller and ARM Processor”**

**REGISTRATION FORM**

21-03-13, 22.03.13 & 23-03-13

Name :  
Branch :  
Year :  
College :

Communication Address:

Phone :

Mobile:

E-mail :

Accommodation required : Yes / No

Demand Draft Particulars :

DD No.: Date :

Amount :

Date :

Signature.

**Venue date & time:**

The FDP will be held at KLNCE Campus  
On 21-03-13, 22.03.13 & 23-03-13 9.00 A.M. to  
4.30 P.M.

**Dates to be remembered:**

Last date for receipt of application : 14-03-13

**How to apply:**

Xerox copy of the application duly signed  
and recommended by the Head of the Institution  
may be sent to the coordinator along with  
Demand Draft on or before 08-03-13.

**Eligibility:**

- Staff from EIE/ ICE/ EEE/ ECE/IT  
Department.
- PG students from EIE/ ICE/ EEE/  
ECE/IT Department.

**Course fees details:**

- Staff : ₹ 750/-
- PG Students : ₹ 500/-

Demand Draft drawn in favor of “The  
Principal, K.L.N.College of Engineering”  
payable at Madurai should be sent along with  
the registration form. No TA/DA will be  
provided for the participants.  
**Accommodation will be provided at KLNCE  
campus depends on the availability at  
nominal charges .Limited Sheets Only.**

**K.L.N.COLLEGE OF ENGINEERING**  
(An ISO 9001:2008 Certified Institution)  
Pottapalayam – 630 611. Sivagangai District.  
(11 km from Madurai City)  
Tamil Nadu

Three Days FDP On  
“Real Time Hands on Training - PIC  
Microcontroller and ARM Processor”  
21-03-13, 22.03.13 & 23-03-13



**CO-ORDINATORS**  
**Mr.V.Aravinda Rajan,**  
**Assistant Professor / EIE.**  
**Mrs.N.Vishnu Devi,**  
**Assistant Professor / EIE.**

*Organized by*  
**Department of Electronics & Instrumentation  
Engineering.**  
**K.L.N.College of Engineering**

In Association with



**Chennai**

### **Institution Profile:**

K.L.N.College of Engineering is the first self financing Co-educational Engineering Institution in Madurai incepted in 1994 by munificence of Philanthropist & well wishers in Sourashtra community which is a Linguistic minority in Tamilnadu. Our college is sponsored by a committee of eminent Industrialist & Academicians lead by enthusiastic, and Industrialist Shri. K.L.N. Krishnan. Our college has been approved by All India Council for Technical Education, New Delhi, and it is affiliated to Anna University, Chennai. The college is located in the south eastern outskirts of Madurai and is 11 kms away from Madurai City. The college runs Seven Undergraduate engineering programs and Five Postgraduate programs. The College has excellent infrastructure with College Automation and 10 Mbps Internet bandwidth.

### **Department Profile:**

The department of EIE Engineering was established in the academic year 2001-2002, with an intake of 60 students and faculty strength of 12 with a Professor. The department has well qualified & dedicated faculty members with different field of specialization. The laboratory is well equipped with all latest devices to cater to the need of the syllabus and it is altogether worth about 60 lakhs. It is a pride to our department to mention that every year our students are bagging at least 4-5 university ranks. The department has received an amount of Rs.7.8 Lakhs under MODROBS scheme for Process control laboratory from AICTE for the year 2012-2013. The department has signed MOU with Yokogawa India limited, i max Industrial Automation Technology which organizes in-house training programme such as DCS, SCADA, PLC etc., so as to provide industrial exposure. Our students are placed in reputed companies like Infosys, Wipro, CTS,

TCS, Aricent, Apna, Data patterns etc... in good number consistently.

### **Preamble:**

PIC Microcontroller & ARM Processor has its utmost importance among student community and practicing engineers to know its functionality and wide engineering applications. Over the past few years there has been tremendous growth in microcontroller market which led to a vast development in PIC Microcontroller family. Both PIC and ARM Processors are powerful and fully featured processor providing improved solutions optimized around the global market. This unique FDP mainly focuses on providing hands on training on PIC and ARM Processor.

### **Course Contents:**

Theory and Hands on Training on,

- Basics of Embedded System tools.
- Basic concepts of PIC-Microcontroller, MP-Lab, I2C, ADC, DAC, Sensor interfacing.
- Types of Memories and other PIC Microcontroller – PROS/CONS.
- Basic concepts of ARM Processor.
- ARM Processor - GPIO, UART and ADC interfacing.

### **Resource Persons:**

1. **Mr. M.Rajesh, Technical Manager, Real Time Techno Soft - Chennai.**
2. **Mr. T.Devakumar, Asst.Prof (Senior Grade)/ECE, National Engg.College – Kovilpatti.**

### **Recommendation from Head of the Institution**

THIS IS TO CERTIFY THAT MR./MRS.-----  
-----IS SPONSORED TO PARTICIPATE IN THE THREE DAYS FDP ON “REAL TIME HANDS ON TRAINING - PIC MICROCONTROLLER AND ARM PROCESSOR” BETWEEN 21-03-13 & 23-03-13 AT K.L.N. COLLEGE OF ENGINEERING POTTAPALAYAM, SIVAGANGAI DISTRICT.

Date:

Signature

**CO-ORDINATORS**  
**Mr.V.Aravinda Rajan,**  
**Assistant Professor / EIE.**  
**Mrs.N.Vishnu Devi,**  
**Assistant Professor / EIE.**

### **Contact Person:**

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