

## REGISTRATION FORM

Faculty Development Training Programme on

### EE6303-Linear Integrated Circuits and Applications

15<sup>th</sup> June – 21<sup>th</sup> June 2015

1. Name :
2. Age & DOB :
3. Designation :
4. Educational Qualification :
5. Teaching Experience :
6. Institution :
  
7. Address for communication:
  
  
  
  
  
  
  
  
  
  
8. E-mail ID :
9. Mobile Number :
10. Accommodation needed: Yes / No

Signature of the Applicant

### ORGANIZING COMMITTEE

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Vice-Chancellor  
Anna University  
Chennai

#### PATRON:

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#### CO-ORDINATORS

Prof. S. Nagammai, HOD/ EIE, KLNCE  
Ms.K. Dhanalakshmi, AP/EIE, KLNCE  
Contact No: 9894222289, 8148287981  
Mail Id:eie@klnce.edu

#### VENUE:

System Design Lab  
Department of EIE  
K.L.N. College of Engineering

#### IMPORTANT DATES:

Submission of application : 05.06.15  
Intimation of selection : 10.06.15  
Confirmation of participants : 12.06.15  
No of participants is restricted to twenty five(25).

SEVEN DAYS FDTP  
ON

### EE6303- Linear Integrated Circuits and Applications

15.06.2015 - 21.06.2015

#### REGISTRATION FORM

Prof. S. Nagammai, HOD/EIE  
Ms. K. Dhanalakshmi, AP/EIE  
Co-ordinators



APPROVED BY

**ANNA UNIVERSITY  
CHENNAI**

ORGANIZED BY



Department of Electronics and  
Instrumentation Engineering  
K.L.N. College of Engineering

Pottapalayam – 630 611,  
(11Km from Madurai city), Tamil Nadu

### PROGRAMME OBJECTIVE

- To understand the concepts of IC fabrication.
- To know about the AC and DC characteristics of Op amp and math operations.
- To design and analyze application circuits using Op amp.
- To design and test application circuits using Timer, VCO, PLL and analog multiplier.
- To design and test IC voltage regulators, power amplifiers and SMPS.
- Testing of Op amp circuits using Multisim and Tina Spice
- Testing of Op amp circuits using discrete components.
- To provide solutions to GATE questions.

### COURSE COVERAGE

The following topics will be covered:

- IC fabrication
- Design of Wave shaping circuits
- Design of waveform generators and active filter design using Op amp
- Design and testing of Diff amp and Instrumentation amplifier.
- Design and testing of circuits using PLL and VCO
- Design of ADC and DAC
- Hands on using Multisim
- Hands on using Tina Spice

### ABOUT THE COLLEGE

K.L.N College of Engineering is the first self financing Co-educational Engineering College in Madurai, started in 1994. This college is sponsored by the committee of eminent industrialist and academicians led by enthusiastic educationalist and industrialist Amaran Thiru.K.L.N.Krishnan.

The courses offered in K.L.N.C.E are approved by All India Council for Technical Education, New Delhi. It is an ISO 9001:2008 certified institution and affiliated to Anna University, Chennai. This College offers Seven Undergraduate Programmes, Six Postgraduate Programmes and Doctoral Programmes in Engineering and Sciences.

The college is situated in a quiet environment about 11 km from Madurai city on Madurai – Nedunkulam road.

### ABOUT THE DEPARTMENT

The department of Electronics & Instrumentation Engineering was established in the academic year 2001-2002, with an intake of 60 students and faculty strength of 12 with a Professor & Head. 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 few university ranks. The department has signed MoU with Yokogawa India limited, i max Industrial Automation Technology, Prolific systems (P) Ltd, which organizes in house training program such as DCS, SCADA, PLC etc., so as to provide industrial exposure. Our students are placed in reputed companies like Honeywell Technologies, Infosys, Wipro, CTS, TCS, Aricent, Apna, Data patterns etc., in good number consistently.

### DECLARATION

The information provided by me is true to the best of my knowledge. I agree to abide by the rules and regulations governing the FDTP. If selected, I shall attend the training programme for the entire duration. I also undertake the responsibility to inform the coordinator in advance in case of inability to attend the programme.

Date :

Place:

**Signature of the Applicant**

### SPONSORSHIP

Mr./Ms./Dr. \_\_\_\_\_

is an employee of our institution and is hereby sponsored for the above FDTP. She/he will be permitted to attend the programme, if selected.

Date :

Place:

**Signature & Seal of the Head of the Institution**