



3 days Faculty Development Program in collaboration with Texas Instruments



Electronics Engineering Department

Dr. A.I.T.H. Kanpur

Organizes

Faculty Development Program on "Linear Integrated Circuits- A System Approach"

On

18-20th November, 2016

at

Texas Instruments Center of Excellence,
Electronics Engineering Department
Dr. Ambedkar Institute of Technology for Handicapped
Awadhपुरi, Kanpur - 208024
Phone - 0512-2583221
<http://aith.ac.in>



About the Program

A 3-day faculty development program on Linear Integrated Circuits- a system approach under Texas Instruments Center of Excellence sponsored by Dr. A.P.J. Abdul Kalam Technical University, Lucknow is being organized by Dr. A.I.T.H. Kanpur. It will help the participants to learn real world concepts and complement it with unique hands-on experience in Analog domain.

Introduction

Course Objective

- To develop and learn application/project oriented teaching methodology in current academic framework
- Understand the system approach for building applications around TI technologies
- Empower faculties with necessary knowledge, skills and expose them to TI technologies and thereby bridging the gap between industry and academia.

Course Content

- This course will provide the participants an understanding of many topics including Linear Integrated Circuits and role of TI Platform: Basic concepts, framework and role of faculty mentor
- Introduction of ASLK Pro Kit and its various building blocks :
- Basic Op-AMP concepts : Differential voltage, CMRR, Regenerative oscillator, Inverting and non-inverting amplifier using ASLK Pro

- Implementation of Integrator, Differentiator and comparator with applications.
- MULTISIM and simulation of function generator circuit and various filters. Hardware implementation of Universal filter design.
- Application of multiplier in Communication domain: AM, ASK, FSK, implementation using simulation tool.
- Simulation of VCO using function generator.

Speakers

Speakers / Trainers will be from Texas Instruments

Who can Apply

Faculty from AICTE approved colleges / institutes are eligible to participate in this program.

How to Apply

The scanned copy of duly filled application form should be submitted **by email** before **4th November, 2016** and hardcopy of duly filled application form along with **DD in favor of Director, Dr. Ambedkar Institute of Technology for Handicapped Kanpur** payable at Kanpur should be submitted by post on or before **8th November, 2016**.

Registration And Accommodation

Registration fee for faculty/teachers of AICTE approved colleges /institutes are as:

Rs. 1000/- (without accommodation)

Rs. 2000/- (includes accommodation)

Subject to the refund in case A.K.T.U. provides the appropriate fund for the program.

Chief Patron

- Prof. Vinay Kumar Pathak
Vice Chancellor, APJAKTU Lucknow

Patron

- Prof. J. P. Saini
Director, Dr. AITH Kanpur

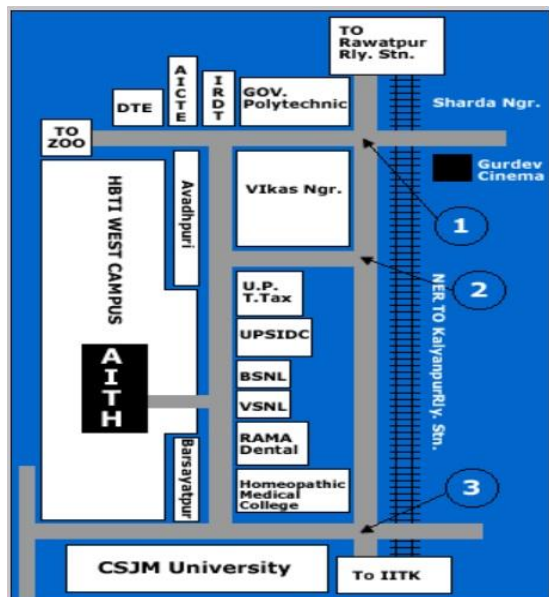
Coordinator

- Dr. K. A. Misra
Prof. Deptt. of Electronics Engg. Dr. AITH Kanpur
E-mail-krishnaavatar.misra@rediffmail.com

Co-Coordinator

- Er. C.P.VARMA (Head of Department)
E-mail-cpv@aith.ac.in
Mob.no:8005495175
- Er. Shweta Tripathi (Assistant Professor)
E-mail-shweta@aith.ac.in
Mob.no:8005495169

How to reach Dr. A.I.T.H.



About Dr. AITH

A.I.T.H is an autonomous institution established in 1997 under department of Technical Education, Govt. of U.P. The Institute is recognized under section 2(f) of the U.G.C. Act 1956 and affiliated to Dr. A.P.J. Abdul Kalam Technical University Lucknow for B.Tech program and Board of Technical Education U.P. (BTE) for Diploma program. All the programs are approved by A.I.C.T.E. New Delhi. Institute is committed to fill the gap between differently able and normal students by providing an environment of effective learning and innovation for developing their skills, broaden their mental horizon and nurturing them into competent and talented professionals to meet the growing challenges of industry and society.

Vision

To develop competent technical manpower in person with different abilities for catering the needs of world of work and to become center of excellence through imparting quality technical education inline with Global Standards



Address for Application Submission

Shweta Tripathi
Electronics Engineering Department,
Dr. Ambedkar Institute of Technology
for Handicapped, U.P. Awadhपुरi
Kanpur-208024
Email: shweta@aith.ac.in

Registration Form

Linear Integrated Circuits - A System Approach
(18-20 November 2016)

1.Name:

2.Designation:

3.Department:

4.Organization:

5.Address for communication:

Tel:

Mobile:

Email:

Detail of D.D.:

Accommodation required: Yes / No

Signature of the candidate:

Date:

Signature & Seal of
Principle/Registrar/Director

Date: