



## **SESSION JANUARY 2016 – JUNE 2016**

### **Electrical & Electronics Engineering Department**



**WORKSHOPS**



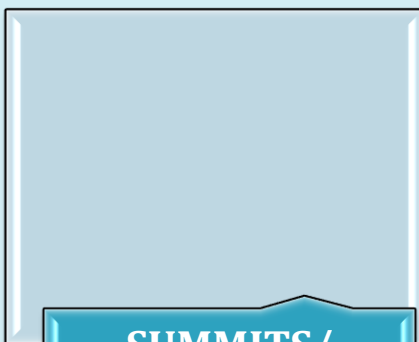
**FDPs**



**INDUSTRIAL  
VISITS**



**SEMINAR &  
CONFERENCE**



**SUMMITS/  
CONCLAVE**



**GUEST LECTURES**

## WORKSHOPS

**Workshop on Design & Implementation of Student Centered Learning**

- 13 - 14 January 2016
- Organized by Dr. APJ Abdul Kalam Technical University and IUCEE

**Workshop on Virtual Labs**

- 8 March 2016
- Organised by IIT Delhi

**QEEE workshop on 'BJT, MOSFET & Amplifiers - Analog Electronics Circuits'**

- 27th Jan, 2nd & 5th Feb 2016
- In association with *IIT, Madras*

## Workshop on Design & Implementation of Student Centered Learning



Two days Workshop on “Design & Implementation of Student Centered Learning” was organized by Dr. APJ Abdul Kalam Technical University, Lucknow, Uttar Pradesh in association with the IUCEE (Indo-US Collaboration for Engineering Education) on 13th -14th January 2016 at JSS Academy of Technical Education Noida.

Mr. Vinod Kumar (HOD, EEE) from Dronacharya Group of Institutions attended the Program. The purpose of this workshop was to create the awareness & equip with state-of-the-art knowledge about the Student Centered Learning among the faculty members of different colleges affiliated to Dr. APJ Abdul Kalam University, Lucknow, Uttar Pradesh.

## Workshop on Virtual Lab



One day workshop on “Virtual Labs” was organised by Dronacharya Group of Institutions, Greater Noida a Nodal Center of Virtual Labs of IIT Delhi on 8th March 2016. twenty students of EEE Department attended the workshop. Virtual Labs is an initiative of Ministry of Human Resource Development (MHRD), Govt of India (GOI) under the National mission on Education through ICT (NMEICT).

## QEEE Session on 'BJT, MOSFET & Amplifiers - Analog Electronics Circuits'



QEEE workshop on '*BJT, MOSFET & Amplifiers - Analog Electronics Circuits*' was organized at *Dronacharya Group of Institutions, Greater Noida* in association with *IIT, Madras* on *27th Jan 2016, 02 & 05 Feb 2016* under *NME - Information and Communication Technology (ICT), Program of MHRD*.

*Prof. Hitesh Shrimali (IIT, Mandi)* was the resource person for this program. 2nd year Students of *EEE Department* attended the workshop.

## **FACULTY DEVELOPMENT PROGRAMMES**

### **FDP on PCB Design**

- 23 - 27 May, 2016
- Organised by NITTTR, Chandigarh

### **FDP on Linear Integrated Circuits**

- 30 May - 1 June, 2016
- Organised by MIET, Meerut

### **FDP on Embedded System Design**

- 2 - 4 June, 2016
- Organised by MIET, Meerut

## FDP on PCB Design



Five Days Faculty Development Program on “PCB Design” was organized by NITTTR Chandigarh on 23rd -27th May 2016 at Electronics Service Center, NITTTR Chandigarh. Mr. Vinod Kumar (HOD, EEE) from Dronacharya Group of Institutions, Greater Noida, attended the Program. The purpose of this FDP was to create the awareness & equip with state-of-the-art knowledge about the PCB Design procedures among the faculty members, so that they will be able to transfer this knowledge to their students. Er. Anil Kumar, Incharge of Electronics Service Centre NITTTR, Chandigarh was the Resource Person and Co-ordinator of this program.

## FDP on Linear Integrated Circuits



Three Days 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 was organized by MIET Meerut, during 30 May - 1 June, 2016. This workshop aimed to provide the state-of-art knowledge in the area of Linear Integrated Circuits to learn real world concepts and complement it with unique hands on experience in analog domain on ASLK (Analog Signal Lab Kit) Pro Kit which is designed to support all features and to realize the real time analog projects and applications.

## FDP on Embedded System Design



**Three Days Faculty Development Program on “Embedded System Design Using MSP430” under Texas Instruments Center of Excellence sponsored by Dr. A.P.J. Abdul Kalam Technical University, Lucknow was organized by MIET Meerut, during 2 to 4 June 2016. This workshop aimed to provide the state-of-art knowledge in the area of Embedded System Design to learn real world concepts and complement it with unique hands on experience in embedded domain on MSP430 Microcontroller Launch Pad which is designed to support all features and to realize the embedded applications.**



## INDUSTRIAL VISITS

**Industrial Visit to Institute of  
Telecom Technology and  
Management , Delhi**

• 16 February, 2016

**IIT Delhi – Open House 2016**

• 23<sup>rd</sup> April 2016

**Industrial Visit to Doordarshan  
T.V. Tower, Pitampura, New Delhi**

• 4<sup>th</sup> May, 2016



## Industrial Visit to Institute of Telecom Technology and Management, Delhi



An Industrial visit for the 1st year and 2nd year Students of EEE branch to Institute of Telecom Technology and Management (UNIT OF MTNL, DELHI), Shadipur Telephone Exchange Building, Pandav Nagar, NEW DELHI was organized on 16th February 2016.

31 students accompanied by Mr. Raj Ranjan Prasad (Assistant Professor, EEE) visited ITTM, New Delhi.

The main objective of industrial visit was to make the students aware of the practical techniques used for communication, latest equipment and components used, and trends in Electronics Industry.

## IIT Delhi – Open House 2016



For the twelve consecutive year Indian Institute of technology (IIT-Delhi) was all set to exhibit an extensive collection of innovative research and product development projects at its annual open house. Open House 2016 was scheduled on 23<sup>rd</sup> April in the premises of IIT Delhi. Open house 2016 was a one day event dedicated to provide an insight into path- breaking research work, student projects and the numerous advanced facilities and laboratories available in IIT Delhi. Students of EEE Department visit the Open House 2016 at IIT Delhi.

## **Industrial Visit to Doordarshan T.V. Tower, Pitampura, New Delhi**



**Industrial visit to Doordarshan T.V. Tower, Pitampura, New Delhi was organized on 06 May 2016 for EEE Department students of VI Semester along with Ms. Shailika, Assistant Professor of EEE Department.**

**The objective of this industrial visit was to create awareness among the students about the basic principles of T.V. broadcasting and satellite communication.**



## Seminar and Conferences

**Third National Seminar on Higher Education: What India Needs?**

- 18th March, 2016
- Organized by Centre for Education Growth & Research (CEGR)

**2<sup>nd</sup> Smart Cities India 2016 Expo Exhibition and Conference**

- 11 - 13 May 2016
- Organized by Exhibitions India Group

## Third National Seminar on Higher Education: What India Needs?



“Third National Seminar on Higher Education: What India Needs?” was organized by Centre for Education Growth & Research (CEGR) on 18th March 2016 at India International Center, New Delhi. The seminar was graced with the presence of following dignitaries: Dr. Manpreet Singh Manna Director - AICTE, Dr. Arun Kumar Honourable Member of Parliament, Prof. (Dr.) V P S Arora President - CEGR and Vice Chancellor - Shri Venkateshwara University, Mr. Lokesh Mehra Vice President - CEGR and Director (Education Services).

Dronacharya Group of Institutions, Greater Noida was appreciated as the Best College for Innovation. The award was handed over by AICTE Director Dr. M. S. Manna and Hon'ble M.P. Dr. Arun Kumar during seminar.

## 2nd Smart Cities India 2016 Expo Exhibition and Conference



The 2nd SMART CITIES INDIA 2016 Expo “Smarter Solutions for a Better Tomorrow” was organized by Exhibitions India Group on 11, 12 and 13 May 2016 at Pragati Maidan, New Delhi. Over 350 International and National participants were there to showcase their products, technologies and services to over 20,000 conference attendees and professional visitors engaged in smart cities concepts worldwide.

Mr. Sunil Kumar (Assistant Professor, EEE) and Mr. Anoop Mishra (Assistant Professor, EEE), along with 23 students of EEE departments from Dronacharya Group of Institutions, Greater Noida attended the Program.



## Guest Lectures

**Guest Lecture on "India 112 a G2C  
National Emergency Response  
Services in Digital India"**

• **11 March, 2016**

**Guest Lecture on "Digital Signal  
Processing & Application"**

• **12 April, 2016**

## India 112 a G2C National Emergency Response Services in Digital India



Guest Lecture on "India 112 a G2C National Emergency Response Services in Digital India" was organized by Department of EEE in Dronacharya Group of Institutions, Greater Noida, on 11 March 2016. Col. Mahesh (Mike) Khera, India and Sri Lanka Chief of Strategy and Business at AVG Technologies was the Guest Speaker of the event. He explained about the India 112 service that it could soon become the country's national emergency number. It is a G2C national Emergency response service proposed by the Telecom Regulatory Authority of India (TRAI) for implementation of the toll-free number as a single point of contact for assistance in a major emergency. All existing emergency numbers like 100 (police), 101 (fire), 102 (ambulance) and 108 (disaster management), will be subsumed into 112, which will become the mainstay for emergency calls.

## Guest Lecture On "Digital Signal Processing & Application"



Guest lecture on "Digital Signal Processing & Application" for the EEE VI Sem was conducted by *Prof. (Dr.) S. D. Joshi, IIT Delhi*, in Dronacharya Group Of Institutions, Greater Noida on 12 Apr 2016. Prof. (Dr.) S. D. Joshi explained about Digital Signal Processing and its application in audio and speech signal processing, digital image processing, signal processing for communications, control of systems, biomedical, etc. He explained the different types of number system, cardinality, the difference between the continuous & discrete amplitude and time signals.

## SUMMITS & CONCLAVE

**Professor Summit on  
Embedded System Design  
using Atmel 8-bit & 32-bit  
based MCU**

- **7-8 January 2016**
- **Organised by Atmel India University**

**Interactive Session with Course  
Instructor Dr. Niket Kaisare**

- **11th March 2016**
- **Conducted by IIT Madras**

**CII Conference on 2nd Edition  
of Clean Tech Summit 2016**

- **10 June, 2016**
- **Organized by CII**



## Summit on Embedded System Design using Atmel 8-bit & 32-bit based MCU



2 days Professor Summit on "Embedded System Design" using Atmel 8-bit & 32-bit based MCU was organised by Maharaja Agrasen College, Delhi in coordination with Atmel India University on 7 - 8 January 2016.

*Mr. Anoop Mishra* Lecturer of EEE Department from Dronacharya Group of Institutions, Greater Noida attended the summit. The objective of this summit was to improve the fundamental concept of faculty members. The field of Microcontrollers and Embedded Systems is ever evolving with new devices and concepts incorporated in the curriculum after every few years. The teachers therefore need enrichment programs to keep pace with the changing requirements. Professors Summit - 2016 was designed to meet these challenges.

## Interactive Session with Course Instructor Dr. Niket Kaisare



A one - hour interactive session was scheduled with *Dr. Niket Kaisare*, Course Instructor and Associate Professor, Dept. of Chemical Engineering, IIT Madras, on 11th March 2016 from 2:00PM to 3:15PM through ICT. The objective of the session was to resolve specific queries of students participating or willing to participate in the course and to encourage more participants to register for this course. Colleges from all over India participated in the event.

*Prof. Vinod Kumar*, HOD (EEE), Dronacharya Group of Institutions, Greater Noida along with faculty members and students of B.Tech, EEE - VI Semester participated in the interactive session organized at Dronacharya Group of Institutions, Greater Noida remotely through video conferencing.



## 2nd Edition of Clean Tech Summit 2016



2nd Edition of Clean Tech Summit-2016 were organized by CII on 10 June 2016 at Hotel Radisson, Sector 18, Noida. The purpose of this summit was to focus on energy prizes in India and how solar energy can be a game changer for India's energy requirement especially in the utilities front. *Mr. Sunil Kumar, Asst. Prof. of EEE Department attended the Summit 2016.*