Glimpse

SESSION JANUARY 2016 – JUNE 2016

Electronics & Communication Engineering Department

WORKSHOPS

FACULTY DEVELOPMENT PROGRAM

INDUSTRIAL VISITS

SEMINAR & CONFERENCE

GUEST LECTURES

WORKSHOPS

Workshop on Virtual Labs

- **8th March 2016**
- **Conducted by IIT Delhi**

Workshop on Product Lifecycle Management

- **10th May 2016**
- **Conducted by** *Excel Design Technologies Pvt. Ltd.*

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.* Thity four students of ECE 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).*

Workshop on Product Lifecycle Management

A one day *Workshop* on *"PRODUCT LIFECYCLE MANAGEMENT" (PLM)* was conducted by *Excel Design Technologies Pvt. Ltd.* in association with Siemens *PLM Software (India) Pvt. Ltd.* on *10th May 2016* at*Siemens (India) Pvt. Ltd., Gurgaon. Mr. Ankit Khanna,Education Channel Manager* and *Mr. Ravi Teja*, Design Engineer from *Excel Design Technologies* jointly conducted the program. The objective of the FDP was to introduce participants to the current technologies and trend in manufacturing industry and applications of PLM software developed by Siemens in manufacturing industry. *Mr. Nitin Kumar, Asst. Prof. (ECE)* from *Dronacharya Group Institutions, Greater Noida* attended the program.

FACULTY DEVELOPMENT PROGRAMMES

FDP on Design & Implementation of Student Centered Learning

- 13 - 14 Jan, 2016
- Organised by Dr. APJ Abdul Kalam Technical University and IUCEE

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 Design & Implementation of Student Centered Learning

Two days Faculty Development 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, ECE) 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.

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, ECE) 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.

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INDUSTRIAL VISITS

| Industrial Visit to Institute of Telecom Technology and Management , Delhi | • 16 February 2016 |

| IIT Delhi – Open House 2016 | • 23rd April 2016 |

| Industrial Visit to Doordarshan T.V. Tower, Pitampura, New Delhi | • 6th May 2016 |

Industrial Visit to Institute of Telecom Technology and Management, Delhi

An Industrial visit was organised to Institute of Telecom Technology and Management (UNIT OF MTNL, DELHI), Shadipur Telephone Exchange Building, Pandav Nagar, NEW DELHI on 16th February 2016. 31 students of ECE Department accompanied by Mr. Raj Ranjan Prasad (Assistant Professor, ECE Department) 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 23rd 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. Five Students of ECE 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. 31 ECE students of VI Semester along with two faculty members, Mr. Nitin Kumar and Ms. Shailika Sharma from ECE Department attended the visit.

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

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Seminar and Conferences

QEEE Session on 'BJT, MOSFET & Amplifiers - Analog Electronics Circuits'
- 27th Jan, 2nd Feb & 5th Feb 2016
- Conducted by IIT, Madras

Interactive Session with Course Instructor Dr. Niket Kaisare
- 11th March 2016
- Conducted by IIT, Madras

Third National Seminar on Higher Education: What India Needs?
- 18th March, 2016
- Organized by Centre for Education Growth & Research (CEGR)

2nd Smart Cities India 2016 Expo Exhibition and Conference
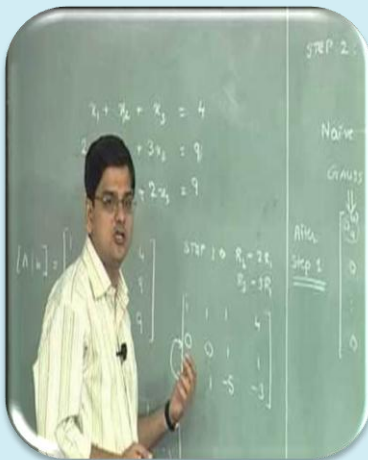- 11 - 13 May 2016
- Organized by Exhibitions India Group

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

The QEEE Session on *'BJT, MOSFET & Amplifiers - Analog Electronics Circuits'* was organized at *Dronacharya Group of Institutions, Greater Noida* in association with *IIT, Madras* under *NME - Information and Communication Technology (ICT), Program of MHRD*. The session was scheduled for 3 days i.e. *27th Jan 2016, 02 & 05 Feb 2016* from 10:00 AM to 12:00 Noon. *Prof. Hitesh Shrimali (IIT, Mandi)* was the resource person for this program. The students of ECE 2nd year were accompanied by their faculty coordinator *Mr. Nitin Kumar (Assistant Professor, Department of ECE).*

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 (ECE), Dronacharya Group of Institutions, Greater Noida* along with faculty members and students of *B.Tech, ECE - VI* Semester who have enrolled by *MATLAB* participated in the interactive session organized at *Dronacharya Group of Institutions, Greater Noida* remotely through video conferencing.

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.

Ms. Shailika Sharma (Assistant Professor, ECE), along with 30 students of ECE departments from Dronacharya Group of Institutions, Greater Noida attended the Program.

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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 ECE 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. Students of ECE Department attended the Guest Lecture.

Guest Lecture On "Digital Signal Processing & Application"

Guest lecture on "Digital Signal Processing & Application" for the ECE VI Sem students 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.