



SESSION January 2016-JUNE 2016

DEPARTMENT OF IT

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WORKSHOPS

Workshop On Introduction To Computers

- 16th January, 2016
- Organized by DGI, Greater Noida .

Workshop on "Syntax Directed Translation - Compiler Design"

- 19th February 2016
- Organised by IIT Madras.

Workshop On CSI Day Celebration

- 5th March 2016
- Organized by CSI Student Chapter of DGI, Greater Noida

Workshop on Virtual Labs

- 8th March ,2016
- Conducted by IIT Delhi

Workshop on "Process Synchronization"

- 16th March 2016
- Organised by IIT, Madras

Workshop on Information Security

- 18th April 2016
- Organized by CSI Chapter under the banner of Digital India

WORKSHOP ON INTRODUCTION TO COMPUTERS



Dronacharya Group of Institutions, Greater Noida organized a Spoken Tutorial Lecture on “C & C++” for students of Ascent International School , Greater Noida on 16th January 2016. The objective of the Lecture was to create an awareness about “C & C++” and motivate students to participate in IIT Bombay Spoken Tutorial Projects. Ms. Priyanka Upadhayay, Assistant Professor, Department of IT delivered the lecture. 25 students of Ascent International School, Greater Noida attended the lecture.

QEEE workshop on “Syntax Directed Translation- Compiler Design”



A QEEE workshop on “Syntax Directed Translation- Compiler Design” was organised from 15 to 19 February 2016 with an objective to clarify the principles and process of syntax directed translation in compilers. Prof. Krishna Nandivada, IIT Madras hosted the workshop.

The students from sixth semester of Information Technology Department attended the workshop. Phases of compiler, Lexical Analysis, Context Free Grammar, Syntax Directed Definition, Attribute Dependency Graph, Directed Acyclic Graph and Intermediate Representation were the major topics discussed in the workshop.

Workshop on CSI Day Celebration



The CSI Student Chapter of Dronacharya Group of Institutions, Greater Noida celebrated the CSI Day - 2016 with great enthusiasm and overwhelming participation of students on 5th March 2016 at DGI, Greater Noida. Mr. Dipyaman Banerjee, Research Scientist, IBM Research Labs, New Delhi was the resource person for the day. A technical workshop was conducted by Mr. Dipyaman. The session was aimed at enhancing the knowledge of students in the field of Research on Artificial Intelligence and Mobile Computing. He gave a glimpse of some real time projects on which IBM is working and also encouraged students to have an optimistic outlook if one wants to make a career in the field of research. Thereafter, he interacted with students and solved their queries. Fifteen students of IT Department attended the workshop.

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. Thirty five students of IT 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 Process Synchronisation



The QEEE session was conducted by *Dr. Krishna Sivalingam, IIT Madras* on 16th March, 2016. *Dr. Aditi Paul, Assistant Professor (IT) from Dronacharya Group of Institutions, Greater Noida* coordinated the session. Students from IT IV Sem attended the workshop.

The session was aimed at enhancing the knowledge of students in the branch of *Operating System*. The objective of this workshop was to improve the technical skills of students so that quality of education can be raised to a higher level.

Workshop on Information Security



A workshop on "*Information Security*" was organized by CSI Chapter under the banner of Digital India on 18th April 2016 at *Dronacharya Group of Institutions, Greater Noida*. Students and faculty members from Department of *Information Technology* participated in the workshop. *Prof. (Dr.) S.K. Muttoo, Head of Department, Delhi University* was invited as the Resource Person for the event. The objective of the workshop was to equip the students with the knowledge of various topics on *Cyber Security* such as *Cryptography, Network Security* and *Web security*.

FACULTY DEVELOPMENT PROGRAM

**FDP on Use of ICT in Education for
Online and Blended Learning**

- **2nd May to 10th July 2016**
- **Organized by IIT Bombay**

**Short Term Course on Research
Methodology**

- **6th to 17th June 2016**
- **Organized by NITTTR Chandigarh**

FDP on use of ICT in Education for Online and Blended Learning



IIT Bombay organised a Four Week FDP on Use of ICT in Education for Online and Blended Learning ". This FDP is designed as a MOOC (Massive Open Online Course), with some face-to-face sessions at Remote Centres. It will be conducted beginning from 2 May 2016 to 10th July 2016. Completion Certificates will be awarded by IIT Bombay to those participants, who successfully complete all online assessments, meaningfully participate in face-to-face sessions, and submit the prescribed team- assignment. Dronacharya Group of Institutions is one of remote centre of this FDP. Faculties of various colleges are participating in this FDP through this remote centre. Dr. Aditi Paul, Assi. Professor (IT) attended the FDP.

Short Term Courses on Research Methodology



A two week Faculty Development Program (FDP) was conducted by NITTTR Chandigarh on Research Methodology through ICT at Dronacharya Group of Institutions, Greater Noida from 6 to 17 June 2016. The objectives of the FDP were selecting and defining research problem, review of related literature, selecting appropriate design of research, selecting appropriate sampling technique, designing appropriate measuring tools, collecting and analyzing data and writing research report. The faculty members from IT department participated in the FDP actively.

SEMINARS & CONFERENCES

**NATIONAL CONFERENCE ON RESEARCH
IN EMERGING AREAS-NACORE-2016**

- 28-30 January 2016
- Organized by Amal Jyothi College of Engineering, Kanjirappally

**INTERNATIONAL CONFERENCE OF
RESEARCH AND INNOVATION
ENGINEERING**

- 12-13 February 2016
- Organized by United Group of Institutions

**INTERNATIONAL CONFERENCE ON
RECENT ADVANCEMENTS IN
"ELECTRICAL, ELECTRONICS AND
COMMUNICATION TECHNOLOGY"**

- 7th May, 2016
- Organized by Krishi Sanskriti

**2ND SMART CITIES INDIA 2016 EXPO
EXHIBITION AND CONFERENCE**

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

NATIONAL CONFERENCE ON RESEARCH IN EMERGING AREAS-NACORE-2016



Amal Jyothi College of Engineering, Kanjirappally organized a National Conference on major research areas of current interest under the title NACORE-2016 (National Conference on Research in Emerging Areas). Rupinder Kaur (IT) along with faculty member Dr. Aditi Paul (IT) of Dronacharya Group of Institutions, Greater Noida, presented a paper titled "REVIVER - An Android Application to solve the issue of 'Women Safety'". The themes of NACORE 16 were Cyber Security, Software Engineering, Semantic web, Ontology Engineering, Distributed System and Current Trends & Global Perspectives in Computing.

INTERNATIONAL CONFERENCE OF RESEARCH AND INNOVATION ENGINEERING - ICRIE



International Conference on Research and Innovation Engineering held at United Group of Institutions, Greater Noida on 12-13 February 2016. Ayushi Sharma (IT) and Praveen (IT), the students of Dronacharya Group of Institutions, Greater Noida, presented a paper titled *Review on Comparative Study of Automation Tools* in this conference.

INTERNATIONAL CONFERENCE ON RECENT ADVANCEMENTS IN “ELECTRICAL, ELECTRONICS AND COMMUNICATION TECHNOLOGY”



Krishi Sanskriti, organized International Conference on Recent Advancements in “Electrical, Electronics and Communication Technology” on 7th May 2016 in association with Science and Engineering Research Board (SERB). Ms. Priyanka Tripathi, Assistant Professor, Department of Information Technology, Dronacharya Group of Institutions, Greater Noida, along with the students of DGI Greater Noida, attended the conference and presented their paper at the conference titled as “Wearable Technology: Objects and their connectivity”.

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. The program was attended by Ms. Shalini Sharma (Assistant Professor, IT) along with students of Information Technology branch from Dronacharya Group of Institutions, Greater Noida.

INDUSTRIAL VISITS

IIT Delhi – Open House 2016

• 23rd April 2016

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 IT Department visit the Open House 2016 at IIT Delhi.

OTHER EVENTS

INTERACTIVE SESSION WITH COURSE INSTRUCTOR

- 11th February 2016
- Conducted by IIT Bombay

INTERNATIONAL YOGA DAY CELEBRATIONS

- 21st June 2016
- Organized by DGI, Greater Noida

INTERACTIVE SESSION ON BASIC 3D ANIMATION USING BLENDER



An interactive session was organised with the *Course Instructor and Senior Project Research Scientist Dr. Sameer Sahasrabudhe*, Dept. of Computer Science and Engineering, IIT Bombay, on 11th February 2016 through ICT. The objective of the session was to solve specific queries of students participating or willing to participate in the course BASIC 3D ANIMATION USING BLENDER and to encourage more people to register for this course. Colleges from all over India participated in the session. *Mr. Subhrajit Nag - HOD-Information Technology* along with faculty members and students of IT branch participated in the interactive session conducted at *Dronacharya Group of Institutions, Greater Noida*.

INTERNATIONAL YOGA DAY CELEBRATIONS



International Yoga Day Celebration was organised at Dronacharya Group of Institutions, Greater on 21st June 2016. All the faculty members and students of all Dep[artments assembled at the venue and practised yoga. Yoga is a physical, mental, and spiritual practice attributed mostly to India