# NEWSLETTER - DECMBER 2014

# Dronacharya College of Engineering

## *ISSUE*

### Information Technology

### *In This Issue....*

## From Editor's Desk :

*"Ability is what you're capable of doing. Motivation determines what you do. Attitude determines how well you do it."*

*-Lou Holtz*

Self-motivation is the key driving force that keeps pushing us to go on. It is the basic requirement to achieve, produce, develop, and keep moving forward.

With self-motivation, one is sure to learn and grow regardless of the situation. Self confidence, positive thinking, focus and strong goals are prerequisites for success. It is the fundamental tool for achieving dreams and goals, and succeeding, in this journey we call life.

Welcome to the Vol VIII, Issue LXXXXX of our newsletter highlighting the achievements and events for December, 2014.

*Editor, (Dr. Pradeep Chaswal)*

## From HOD's Desk :

*"Innovation distinguishes between a leader and a follower." -Steve Jobs*

Inspired by these words, we at **Dronacharya College of Engineering, Gurgaon** are striving hard towards the goal of providing innovative and quality education with high standard to achieve academic excellence. We are determined to make our engineering graduates problem solvers, project leaders, entrepreneurs, and ethical citizens of the global society.

Modern professional education is competitive and demanding. Information and Technology has torn down the geographic, cultural and psychological boundaries. In our times the future of any organization depends on the ability to innovate and to promote the fresh value-creating ideas. In fact, innovation has become a core driver of growth, performance, and valuation. The future of the Economy will depend on how we shall encourage entrepreneurship and innovation. Encouraging innovation and new ideas is the need of the hour.

*Head of Department, Prof. (Dr.) Jitender Kumar*

## Workshops Attended :

### Workshop on Cyber Crime & Forensic Tolls (17th-19th November 2014) :

A three day workshop on Cyber Crime and Forensic Tools was organized by National Institute of Technical Teachers Training & Research (NITTTR), from **17$^{th}$ 19$^{th}$ November 2014,** at Chandigarh. Eight faculty members from different colleges attended this workshop. **Prof. Vishal Bharti,** Head of Department, Computer Science Engineering and **Prof. (Dr.) Neelam Ruhil,** Head of Department, Electronics and Computers represented **Dronacharya College of Engineering, Gurgaon** in the workshop. Two sessions on Metasploit and Hacking Biography were taken by **Mr. Saurabh**



*Participants during Workshop*



*Participants with Mr. Saurabh Kaushal*

## Seminar :

### Bridging The Gap: Building Ecosystem for Inclusive Value Creation (27th November 2014) :

Inclusion and integration of people from the marginalized sections into the economic mainstream is extremely important. For bridging this gap, Confederation of Indian Industry (CII) organized a conference on Bridging the Gap: Building Ecosystem for Inclusive Value Creation on **27$^{th}$ November 2014** at Indian Habitat Centre, New Delhi. **Mr. Amar Saraswat** from Computer Science and Engineering Department and Saroj Pamulapati from Information Technology Department, represented **Dronacharya College of Engineering, Gurgaon** in the event. Through this conference, CII encouraged member companies to pursue the agenda of Inclusivity within the organizations and create sustainable models. As interventions are directed towards 4E's of education, employment, employability and entrepreneurship to empower people from these sections of society in order to productively participate in the growth story of the country, this conference was one of the effort from CII.

**Mr. Anshu Gupta, Founder Director, GOONJ, sharing his views during Conference**



**Mr. Amar Saraswat, Assistant Professor, CSE, at the event**



**Ms. Saroj Pamulapati, Assistant Professor, IT , at the event**

## Pedagogy for Effective use of ICT in Engineering Edication Conducted by IIT Bombay (25th November 2014) :

IIT Bombay organizing an ISTE main workshop by **Prof. Sahana Murthy** and **Prof. Sridhar Iyer** on "Pedagogy for effective use of ICT in Engineering Education". The Workshop was organized on **25th November 2014** for half day from 02:30 P.M.  05:30 P.M. through A-View.

**Prof. (Dr.) Jitender Kumar,** being the Remote Center Coordinator, for **Dronacharya College of Engineering, Gurgaon** (RC ID-1299) attended the worshop. During the half day workshop course contents of the workshop were discussed in detail. It was decided that the faculty members of all engineering courses, MCA & any other technical departments can attend this workshop.



**Prof. (Dr.) Jitender Kumar attending the workshop**
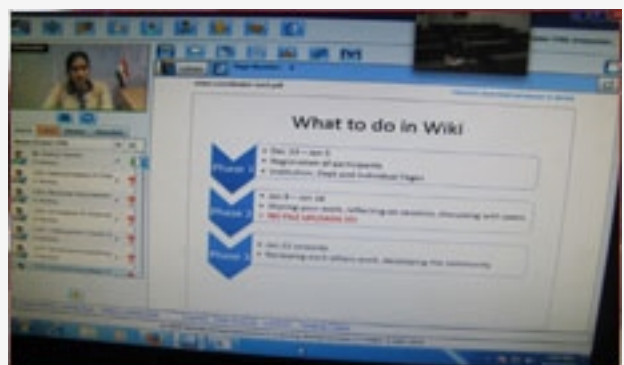


**The workshop under progress**

## One Day Interactive Workshop for Remote Center Coordinate Conducted by IIT Bombay (29th November 2014):

IIT Bombay organized a one day interactive workshop for Remote Center Coordinators at VMCC Auditorium, Victor Menezes Building, IIT Bombay on **29th November 2014**. **Dr. Jitender Kumar,** being the Remote Center Coordinator of Dronacharya College of Engineering, Gurgaon got the privilege to participate in this National level workshop. 232 Remote Center Coordinators from various parts of the country attended this workshop. The entire program was divided into three sessions. **Prof. Deepak Pathak** started the First Session with his inauguration speech. He briefed the RC Coordinators about the history of T10KT program and shared the difficulties IIT Bombay is facing in conducting these workshops.

**Dr. Jitender Kumar** raised the issue for empowering the RC Coordinators and to design a mechanism for feedback which **Prof. Deepak Pathak** immediately accepted and from the "Control System Workshop" itself the same will be implemented. The RC Coordinator will be sharing the feedback of all the participants and of Workshop Coordinator with IIT Bombay/ IIT Kharagpur.



*Dr. Jitender Kumar with Prof. Deepak Pathak, IIT Bombay*



*Dr. Jitender Kumar with Prof. S. K. Varshney of IIT Kharagpur*



*Dr. Jitender Kumar with Mr. Sajjan Dixit (IIT Bombay) and Mr. Subrata Nayak (IIT Kharagpur)*



*Dr. Jitender Kumar and other RC Coordinators having discussion with Prof. Deepak Pathak*

## On RF & Wireless Communications for Academia (6th December 2014):

To discuss how latest technologies can be used for enhancing student learning and research in the fields of RF and Wireless Communications, a Seminar on RF and wireless Communications was held at Hans Hotel, Connaught Place ,New Delhi on **6th December 2014**. **Ms. Sarita** from CSE Department represented **Dronacharya College of Engineering** at the event. **Mr. Karun Jain**, Sr. Academic Technical Consultant, NI, was the speaker. He discussed about FPGA based RF and Microwave hardware along with LabVIEW and AWR RF Simulation software that provides an integrated platform to implement various applications like Software Defined Radio, RF Circuit Simulation, Hardware in Loop Testing, MIMO Transmitter & Receiver, and Channel Emulation.

*Interaction with speaker*
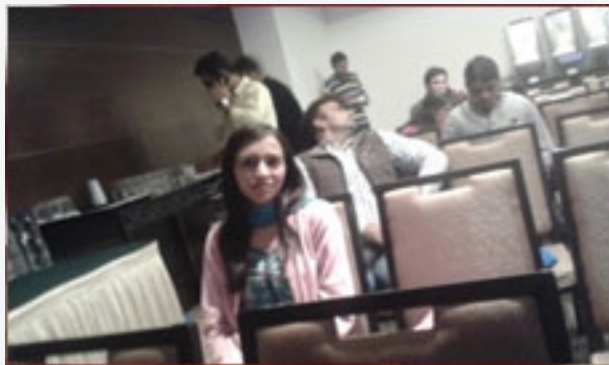

*Ms. Sarita, Assistant Professor (CSE) at Seminar*

## On Quality Enhancement Program in Engineering Education (QEEE) Phase-III :

One day workshop of all QEEE Phase III Coordinators was organized at IIT Madras on **13th December, 2014**. **Prof. (Dr.) Jitender Kumar,** QEEE Coordinator of **Dronacharya College of Engineering, Gurgaon** attended this workshop. This workshop was conducted in two batches, on **12th** & **13th December 2014**. Around 50 participants from different states of India participated on **13th Dec 2014.** The purpose of the workshop was to make all the QEEE Coordinators familiar with the new software for QEEE Phase III by giving them hands-on session and to inform them about how to create class rooms and other facilities for the program.


*Prof. (Dr.) Jitender Kumar at IIT*


*Prof. Ashok Jhunjhunwala*


*Prof. (Dr.) Jitender Kumar with Mr. Shiv Hari*

## *Faculty Development program :*

## Faculty Development Program at Entrepreneurship Development Institute, Ahmedabad (15-26th December 2014):

Entrepreneurship Development Institute (EDI), Ahmedabad conducted a Faculty Development Program for guiding and motivating students for taking entrepreneurship as their career. **Ms. Pratibha Sharma**, Asst. Professor, CSE Department attended the 15 days Faculty Development Program from **15th-26th December 2014.** There were 23 trainees in the Faculty Development Program from all over India.

*Participants during the workshop*          *Ms. Pratibha Sharma during hands on activity*

## Intelligent Control Techniques & Their Applications (ICTTA-2014) organized by Delhi Technological University 22nd to 26th December 2014:

*Mr. Vinod Kumar*, Assistant Professor, Information Technology Department has attended one week Faculty Development Programme on Intelligent Control Techniques & Their Applications (ICTTA-2014) from *December 22nd* to *26th, 2014.* The event was organized by Department of Electrical Engineering, Delhi Technological University, Delhi & sponsored by Technical Education Quality Improvement Program-II (TEQIP-II). The course was designed to provide training and explore knowledge on intelligence control, fuzzy logic control and neural network. It also provided awareness about recent trends in the field of fuzzy logic and neural network to the in-service faculty members of Engineering Colleges and Universities all over India.





*Dr. Dheeraj Joshi (Course Coordinator), Prof. M. Singh (Principal Coordinator) and Dr. Bharat Bhushan (Course Coordinator).*          *Mr. Vinod Kumar at Lab Session*

## *Conferences Attended :*

## On RF & Wireless Communication Networks-2014 (5th-6th December 2014) :

*Mrs. Neha Malik,* Assistant Professor from CSE Department got the opportunity to present her research paper in National Conference on RF and Wireless Communication and Networks *NCRWCN-2014.* The conference was organised by Department of Electronics and Communication Engineering, Amity School of Engineering and Technology on *6th December 2014.* The conference was sponsored by ISST India, DST India, Indraprastha University Delhi and Central bank of India.





*Presentation by Mrs. Neha Malik*          *Certificate*

## Other Events :

### All India Council of Technical Education - Confederation of Indian Industry Congress :

Knowledge Expo was organized by Confederation of Indian Industry (CII) in collaboration with Department of Science & Technology (DST), Ministry of Human Resource Development (MHRD), Department of Industrial Planning & Promotion (DIPP), All India Council of Technical Education (AICTE) & India Design Council and Intellectual Property India at Indo Expo Centre, Greater Noida, Delhi NCR, India on **20th November 2014.**

**Prof. (Dr.) B. M. K. Prasad, Prof. (Dr.) H. S. Dua** & **Prof. (Dr.) Jitender Kumar** attended the inauguration program and 04th AICTE - CII Global University Congress. The session was concluded with the declaration of the result of AICTE-CII Survey in which various colleges were awarded for their exceptional industrial collaboration. **Dronacharya College of Engineering, Guragaon** was the only college nominated for two Departments (Computer Science and Electronics & Communication) from North & North West India. Total 2345 colleges participated in the engineering segment (Emerging and established), out of which 536 colleges competed for Computer Science Department and 528 Colleges competed for ECE Department. Out of these hundreds of colleges 06 colleges were selected for the Jury Visits.

**Dronacharya** is the only college of North & North-West India which has been selected for the Jury visit for both these departments. AICTE - CII 2014 Survey report was also released at the event by the honourable minister.



*Mrs. Smriti Irani  Union Minister of Human Resource Development addressing the audience*



*Audience during the event*

### Distinguished Lecture Colloguia - IEEE SSCS Delhi Chapter :

**Ms. Parul Bansal,** Assistant Professor, Electronics and Computer Engineering Department, **Dronacharya College of Engineering, Gurgaon** attended the "Distinguished Lecture Colloquia" organized by IEEE SSCS Delhi Chapter at STMicroelectronics, Greater Noida on **19th December 2014.** The event was sponsored by IEEE-SSCS, STMicroelectronics, Freescale Semiconductor, Keysight Technologies, Synopsys and IIT Delhi.



*Ms. Parul Bansal, Assistant Professor, ECS Department at the event with Quiz Prize*



*Ms. Parul Bansal with Mr. Nitin Bansal, Senior Manager, STMicroelectronics, Coordinator of the event*

*List of colleges selected for jury visit*

## Student Activities :

### 2nd Open Policy Meeting of IRINN: Indian Registry For Internet Names & Numbers (20th November 2014) :

On **20th November 2014,** Akshit Chauhan student of Computer Science Department 3rd year attended the 2nd Open Policy Meeting of IRINN (Indian Registry For Internet Names and Numbers) and ISOC (Internet Society) held at Indian Habitat Center, New Delhi. **Mr. Srinivas Chendi** the speaker briefed about the facts of the internet and it's usage , number of root servers present in the world and as well as in India, assigning of IP addresses on global level by Internet Assigned Numbers Authority (IANA) which is responsible for the global coordination of the DNS Root, IP addressing, and other Internet protocol resources.
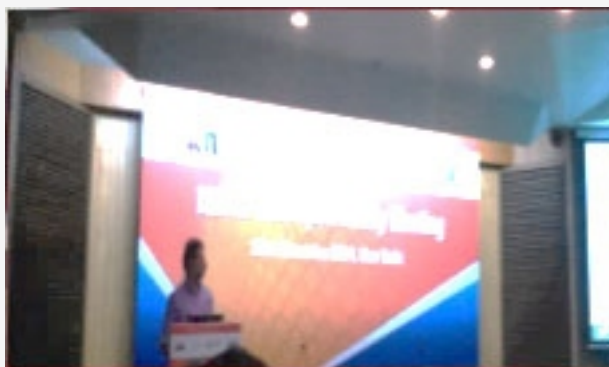


*Mr. Srinvas Chendi expressing views about the Ipv4 and IPv6*

### IEEE Technical Project Exhibition (2nd December 2014) :

To provide an excellent opportunity for students to show case engineering expertise, IEEE Delhi Section organized Technical Project Exhibition on 2nd December 2014 at MSIT, New Delhi. The panel consisted of eminent persons from DRDO and IIT, Delhi. There were three rounds in the technical exhibition: Screening, Ascent and Zenith. In screening round, 14 teams from different institutes were selected. In Ascent round, the qualified teams gave presentation in front of the Jury. In the third Zenith round, the students gave the practical demonstration of their project to the panel. Sagar Choudhary (15087) and Sandeep Giri (15095), Vth Sem, CSE Department won the first prize in the Technical Exhibition by showcasing their project entitled "Bank Account Transaction Management".

*Sandeep Giri giving presentation in Ascent Round at venue*

## Project Exhibition at Maharaja Surajmal Institute of Technology :

A team of four students (Gaurav Verma, Anup Kumar, Akansha Marwah and Monica Godara) along with **Mrs. Akanksha Kulshreshtha,** Assistant Professor, **Electronics and Computer Engineering Department, Dronacharya College of Engineering** participated in project exhibition at Maharaja Surajmal Institute of Technology, Janakpuri, New Delhi on **2nd December, 2014.**





*ECS students controlling the movement of robo and demonstrating the bottle gripping power*

*Team with Mrs. Akanksha Kulshreshtha at MSIT*

## Selection of CSE Students as IEEE macC Ambassadors (18th December 2014) :

Two students **Ambar Kumar** (16016) and **Rahul Sathyaprakash Rana** (16124) are selected as IEEE madC Ambassadors on **18th December 2014**. IEEE madC (Mobile Applications Development Contest) will be organized in four main stages:  Education, Idea, Development and Judging stage.



*Ambar Kumar*



*Rahul Satyaprakash  Rana*

## *Placement Details :*

| S. No. | College Roll No. | Name/Contact Details | Company |
|--------|------------------|----------------------|---------|
| 1. | 14486 | Sanya Harneja | IGATE Patni |
| | | | Woxa Technologies Pvt. Ltd. |
| 2. | 14403 | Aastha Sharma | Woxa Technologies Pvt. Ltd. |
| 3. | 14434 | Jyoti Hazrati | Tek Travels Pvt. Ltd. |
| 4. | 14406 | Aman Bhalla | Tek Travels Pvt. Ltd. |
| 5. | 14497 | Shweta Kharbanda | Tek Travels Pvt. Ltd. |
| 6. | 14402 | Aastha Kapoor | Absolutdata |
| 7. | 14517 | Utkarsh Kumar | Absolutdata |
| 8. | 14436 | Kanak | Nuview Business Solutions |
| 9. | 14455 | Nikhil Goel | TCS |
| 10. | 14413 | Deepak Kumar | TCS |
| 11. | 14496 | Shweta Thakur* | MCPL |
| 12. | 14490 | Shikha Vashisth* | MCPL |
| 13. | 14470 | Priya Trivedi | IGATE Patni |
| 14. | 14444 | Megha Agarwal | IGATE Patni |
| 15. | 14430 | Ishaan Madan | IGATE Patni |
| 16. | 14452 | Navya Sunny | IGATE Patni |
| 17. | 14461 | Pervinder Kaur | IGATE Patni |
| 18. | 14478 | Rincy Jacob | IGATE Patni |
| 19. | 14484 | Sandeep Yadav | IGATE Patni |
| 20. | 14420 | Diwanshu Jangira | IGATE Patni |
| 21. | 14422 | Gaurav Sharma | IGATE Patni |
| 22. | 14471 | Raghav Kukreja | IGATE Patni |

| S. No. | College Roll No. | Name/Contact Details | Company |
|--------|------------------|----------------------|---------|
| 23. | 14502 | Stuti Garg | IGATE Patni |
| 24. | 14509 | Vinay Yadav | IGATE Patni |
| 25. | 14464 | Pooja Anand | IGATE Patni |
| 26. | 14468 | Prerna Malik | IGATE Patni |
| 27. | 14488 | Shailja Yadav | IGATE Patni |
| 28. | 14453 | Nayan Kr. Singh | Prime Technologies(India). |
| 29. | 14451 | Navita Deswal | IGATE Patni |
| 30. | 14489 | Sheena Batra | IGATE Patni |
| 31. | 14490 | Shikha Vashisth | Radious International Healthcare |
| 32. | 14429 | Himanshu Sharma | HCF |
| 33. | 14438 | Kavita Rawat | Axtria |
| 34. | 14435 | Kajal Kanika | Axtria |
| 35. | 14505 | Swati sharma | Limetray |
| 36. | 14506 | Tushar Wasan | Limetray |
| 37. | 14477 | Ravi Ojha | Limetray |
| 38. | 14473 | Rahul Yadav | Swift Securitas |
| 39. | 14474 | Rajeev Ranjan | Swift Securitas |
| 40. | 14437 | Kanika Arora | Feedback Infra |
| 41. | 14494 | Shivangi Miglani | Feedback Infra |
| 42. | 14417 | Dhruvika sharma | Panache consulting |
| 43. | 14409 | Arushi Kohli | Panache consulting |
| 44. | 14499 | Smita Srivastava | Digital force India |
| 45. | 14423 | Gourav Rathore | Aon Hewitt Pvt. Ltd. |
| 46. | 14460 | Nitin Garg | Aon Hewitt Pvt. Ltd. |

## Students' Views :

*I feel privileged to be part of* **"Education is what remains when we have forgotten all that we have been taught."** **~George Savile, Marquis of Halifax**

I am really glad to be associated with the Department of Information Technology at **Dronacharya College of Engineering.** The faculty members are amazing they have passion for their subjects and make each class exciting and interesting. They truly want their students to be successful. All the subjects are made interesting by giving real time examples and giving real time case studies. It is not only about the academic syllabus prescribed by the university but also about a broader exposure to the various things. We are also introduced to the various certifications at the very first year of engineering and to writing research papers. By the time we will be graduated from **Dronacharya College of Engineering, Gurgaon** for sure we would be industry ready technocrats.

**Ms. Shikha Vashisth**

**"Education is the process of casting false pearls before real swine." ~Prof. Irwin Edman**

As a student at Information Technology Department, I am always motivated, and focused on my career. The department has given the confidence to face the world. My experience in the classrooms is one that will stay with me forever, since it is where my educational journey began.

**Ms. Megha**

**"Tell me and I'll forget; show me and I may remember; involve me and I'll understand."**

Our department has achieved lot of success and excellence in past few years and will continue to do so in future also. The objective and aim is to equip students with the fundamental knowledge, interdisciplinary problem solving skills and to groom them as World Class Technocrats. The college also makes us ready for placements as well as GATE exams. Once you are here you need not worry about anything. The department makes sure that we are updated about the latest technologies and ready to face any kind of competitive exams.

At the end I would like to say ......IT ROCKSSS!!!!!

**Mr. Deepak**