



Dronacharya College of Engineering

ISSUE

Vol x issue CXI

Computer Science & Engineering

In This Issue....

- ✦ Editor's Desk
- ✦ HOD's Desk
- ✦ Events
- ✦ Placements
- ✦ Students Speak

From Editor's Desk :

"Success is the sum of small efforts, repeated day-in and day-out." Robert Collier

The present age has brought immediacy and opportunities hitherto undreamt of by educational institutes, companies, job sector and world at large. Along with these, it has also thrown numerous challenges to be met and conquered by the present generation.

The potential of today's youth is immense and the will to excel is boundless. They have the capability to write success stories of their own. But the onus to make this happen lies with the educational institutions, which can channelize the raw talent of students and chisel them into gems of knowledge and wisdom for the benefit of the society and human kind.

Carrying on the flame of quality education and knowledge for societal development, **Dronacharya College of Engineering, Gurgaon** is ceaselessly treading on this path and making it happen. Whether it is the latest technologies to enhance classroom instruction and communications or providing access to an excellent education through academic variety, curriculum flexibility, student access to superior research and extracurricular pursuits, Dronacharya lays full emphasis on every aspect. We, at Dronacharya, are committed to fulfilling the persistent educational needs, exploring diverse career opportunities for the students and grooming them into leaders in their fields.

Welcome to the present Issue of the College Newsletter aimed at providing a motivation to the fellow students to "see and follow" the trails of success set ablaze by **Dronacharyans**.



Editor, (Dr. Suchitra Deswal)



From HOD's Desk :

Discipline is the bridge between goals and accomplishment. Jim Rohn

We at **Dronacharya College of Engineering, Gurgaon** aim at imparting knowledge to our students and groom them into prisms; reflecting the manifold shades of learning & co-curricular activities to develop the society and nation.

The present scenario demands the youth to be an asset for which awakening a sense of responsibility is must. Therefore, we believe in inducing not only the morals but also the skills to implement the knowledge in a productive way. We enhance their talent and foster their overall growth as in the era of science & technology; realization of the significant role of science in shaping our lives cannot be evaded.

As HOD, I strive meticulously to raise the benchmark of Department of Computer Science & Engineering by instilling in the students sound technical knowledge, excellent soft-skills and integrity towards work. Special emphasis is laid for enhancing technical skills and in the same sequence online-certifications **Oracle, Cisco, Red Hat** etc. is conducted.

The department has entered into an agreement with companies like Microsoft, Oracle, IBM, CISCO etc. to provide students various Skill development and Technical enhancement programs.

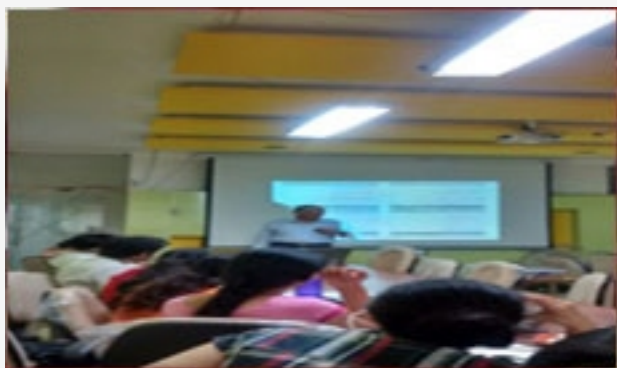


Head of Department, Prof. Vishal Bharti

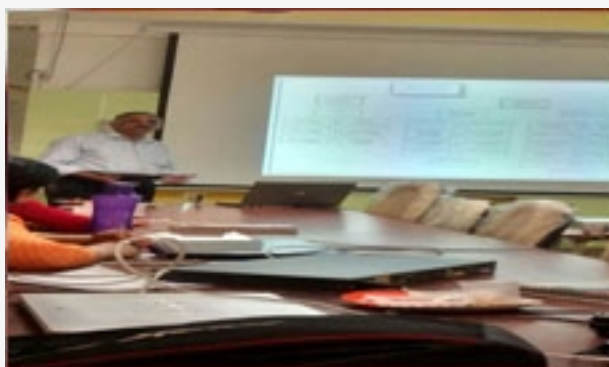
Events :

IEEE Technical Talk on "DC - DC Converters Topology & Application" (16th September 2015):

IEEE PES - IAS Delhi Chapter and IEEE PELS-IES Delhi Chapter organised a **technical talk on "DC - DC Converters Topology and Applications"** by **Prof. (Dr.) Bhim Singh** on **16th September 2015** at **NSIT, New Delhi**. **Priya Yadav (16955), V-Semester student** from **Department of Computer Science & Engineering, Dronacharya College of Engineering, Gurgaon** attended the talk. **Prof. Bhim Singh, IIT Delhi** & General Chair of the IEEE International Conference on Power Electronics, Drives and Energy Systems explained in detail about various concepts related to DC - DC Converters Topology and Applications.



The Technical talk on in Progress



Prof. Bhim Singh, IIT Delhi during his talk

Community Day (19th September):

"COMMUNITY DAY" was celebrated on **19th September 2015** all across India. **Dronacharya College of Engineering, Gurgaon** participated in this activity and made its everlasting mark on every one's mind as students of **Dronacharya College of Engineering** visited **50 different schools of Delhi NCR and trained around 2400 school students**. It was a very motivating and exhilarating event not only for the school students but also for the students of Dronacharya. The main aim of this event is to make the technology deprived students know the best use of technology and education, sharing the importance of education and realizing its need in today's time. The only thing which today's youth and kids require is motivation and students of **Dronacharya** played this role of torch bearer very well.



Students of DCE, Gurgaon during the Training Session



Team of Dronacharya Students with the School Kids

Economic Times “The Power of Ideas” (19th September 2015) :

The Entrepreneurship Development Cell of **Dronacharya College of Engineering, Gurgaon** has always been finding the best possible ways to empower the students with all the latest trends in business and the different opportunities they can avail to form their own start - ups. On **19th September 2015** Economic Times organized “The power of Ideas” which was attended by five faculties namely **Ms. Pankti Brar**, Assistant professor & **Ms. Renu**, Assistant professor, Department of Computer Science & Engineering, **Mrs. Sakshi Pahuja**, Associate Professor, Electronics & Communication Engineering Department, **Mr. Dharmender Pal**, Assistant professor, Department of Information Technology and **Mr. Nitin Dixit**, Assistant Professor, Mechanical Engineering of **Dronacharya College of Engineering, Gurgaon** at Sri Sathya Sai International Centre, Lodhi Road, Delhi. The event started with a motivational and inspiring talk by the keynote speaker **Mr. Navneet Singh**, CEO and Co-founder of “Pepper Tap” which is a grocery delivery chain. The event was very inspiring and empowering.



Mr. Navneet Singh, Co-founder of Pepper Tap sharing his views during the Event



Mrs. Sakshi Pahuja, Mrs. Renu, Ms. Pankti Brar and Mr. Dharmendra, Faculty Members from Dronacharya College of Engineering, Gurgaon at the Venue

Seminar on Education on Crossroad at MDU Rohtak (21st September 2015) :

Maharishi Dayanand University, Rohtak in collaboration with **Indian Institute of Public Administration**, Haryana Regional Branch organized a one day seminar on “**Higher Education at Cross Roads**” on **21st September 2015** at Dr. Radhakrishnan Auditorium. **Prof. Jitender Kumar**, on behalf of **Dronacharya College of Engineering, Gurgaon** attended the seminar. More than 300 participants from various colleges of Haryana attended the event. The objective of the seminar was to discuss the challenges faced by our country in higher education.



Visit to INUP IIT Bombay (21st September 2015 - 2nd October 2015):

Mr. Sumit Kumar, Assistant Professor, Department of Electronics & Computer Engineering, Dronacharya College of Engineering, Gurgaon visited **IIT Bombay** for twelve days, **21st September 2015** to **2nd October 2015**, to execute his work on an approved project proposal. He is working on **the project as a Principle Investigator (PI), titled "Design and Development of a Highly Efficient Graphene Based Photovoltaic Device"**. The project proposal is shortlisted under INUP Programme of IIT Bombay (Indian Nanoelectronics Users Programme) which is duly funded by DeitY (Department of Electronics & Information Technology), MCIT (Ministry of Communication and Information Technology) Government of India. Indian Nanoelectronics Users Program (INUP) is a unique activity jointly run by the Centre of Excellence in Nanoelectronics at the Indian Institute of Technology, Bombay (IITB) and the Indian Institute of Science, Bangalore (IISc). This project is sanctioned for duration of fourteen months from **16th September 2015** to **16th November 2016** at INUP IIT Bombay. This is one of the remarkable achievements of the college as only 124 academic institutions including IITs, NITs and other premier colleges / universities of India have been shortlisted for projects under the scheme.



Map showing the name of Dronacharya College of Engineering, Gurgaon, Haryana in the list of Approved Project Proposals

Mr. Sumit Kumar, Assistant Professor ECE Department of the College

Seminar on "Engineering Education & Research" by National Instruments (22nd September 2015):

Ms. Amninder Kaur, Associate Professor, Department of Electronics & Communication Engineering, Dronacharya College of Engineering, Gurgaon attended a one-day **Seminar on 'Engineering Education and Research' organized by National Instruments** at **Hotel The Hans, Barakhamba Road, New Delhi** on **22th September 2015**. This event was organized to explore NI's Industry - Academia initiatives and upcoming technology trends in Engineering Education. It provided a platform to young researchers to enhance their knowledge in the state-of-the-art research in the field of Virtual Instrumentation. The workshop was very useful in providing an opportunity, especially, for the researchers to showcase and discuss their research issues with the eminent researchers in the field.



Session in progress



***Ms. Amninder Kaur, Associate Professor,
ECE Dept.***

People of Action Unite - office 2016' Event (23rd September 2016):

Ms. Sarita, Assistant Professor, Department of Computer Science & Engineering and **Ms. Priyanka Mahani**, Assistant Professor, Department of Electronics & Computer Engineering **along with 15 students of Department of CSE, IT, ECS of Dronacharya College of Engineering, Gurgaon** attended the event **"People of Action Unite Office 2016"** organized by **Microsoft** on **23rd September 2015** to launch the latest offering of **Microsoft - Office 2016** at **the Taj Palace, New Delhi**. Session on 'March of the Young Brigade' was taken by **Mr. Arunabh Kumar**, CEO of TVF and Mr Varun Aggarwal, Movie Director, Writer and Entrepreneur. The event was an overall great learning experience for all of the participants.



***Faculty & Students from DCE, Gurgaon
posing with fliers***



Session in Progress

Seminar on "Progress of Make in India : The Way forward for scripting India's growth story" (23rd September 2015):

To discuss about high and sustainable growth trajectory of India, a **Seminar on "Progress of Make in India: The Way Forward for Scripting India's Growth Story"** was organized on **23rd September 2015** at **PHD House, New Delhi**. **Mr. Amar Saraswat, Assistant Professor**, from **Department of Computer Science & Engineering, Dronacharya College of Engineering, Gurgaon** attended the seminar. Manufacturing sector is the backbone of any economy as it fuels growth, productivity and strengthens other sectors of the economy. The seminar was moderated by **Dr. S. P. Sharma, Chief Economist, PHD Chamber**. The welcome address was given by **Dr. Mahesh Gupta, Sr. Vice President, PHD Chamber**, in which he focussed on India as major global manufacturing hub and discussed about significant opportunities for India in the field of marketing, export, import and several other domains.



Dr. Dietrich Kebschull, Chairman, Indo German Export Programme (IGEP) Foundation, discussing about foreign investors Promotion



Mr. Amar Saraswat, faculty, CSE Dept. at the venue

Workshop on CISCO India Networking Academy Conference 2015 :

A two day workshop on "**CISCO India Networking Academy Conference 2015**" was conducted by **Cisco Networking Academy** at Amity University, Noida on **23rd - 24th September 2015**. **Mr. Amitesh Kumar**, Assistant Professor from Information Technology Department of **Dronacharya College of Engineering, Gurgaon** attended the Conference.

The objective of this workshop was to train the Cisco Networking Academy instructors regarding the applications of Information & Communication Technology (ICT) for imparting technical knowledge in recent trends.



ISTE STTP on Introduction to Structural Engineering:

ONE WEEK ISTE STTP FOR COORDINATORS ON INTRODUCTION TO STRUCTURAL ENGINEERING was organized by Department of Civil Engineering (IIT, Kharagpur) under **National Mission on Education through ICT MHRD, Govt. of India** from **28th September to 2nd October 2015**. An important initiative has been taken by IIT Bombay and IIT Kharagpur to work with Engineering Colleges of India to enhance the teaching skills of our faculty colleagues in core Engineering and Science subjects by conducting ISTE Short Term Training Programme (STTP) under Train Ten Thousand Teachers (T10KT) project. It is a proud moment that **Dronacharya College of Engineering, Gurgaon** has been selected as one of 353 remote centers in overall India and it will coordinate IIT Kharagpur to train local teacher. The program was attended by **Mr. Malasani Gopi Chand**, Assistant Professor (CE), **Dronacharya College of Engineering, Gurgaon** along with **170 experienced faculty** from various reputed institutes like NIT Warangal, NIT Nagpur, NIT Meghalaya and other institutes of national importance. The workshop presented details of fundamentals of structural analysis for determinate and indeterminate structural systems, methodologies such as Matrix method of structural analysis and basic concept in Finite element analysis. It is also intended that the design of structural systems using two age old material such as concrete and steel to be covered in the program. The design approaches along with the usage of specification of Indian Standards will also be introduced in the course. All the speakers covered several fields of structural engineering like design of RCC and Steel structures etc. The subject experts talked about the basics of determination of partial safety factor used in IS code and probability density function, Limit state method, Reliability based design were covered. Optimization based on various available algorithms was also discussed. They also conducted a visit to Hijli Detention camp (old IIT building), Nehru museum of sciences. Overall the workshop has been excellent as it gave the exposure on the teaching techniques of IIT professors.



Group Photograph of RC Coordinators of NMEICT 2015 IIT Kharagpur

IEEE Technical Talk on Digital Future, Innovation & an Ideal Professional Engineer (29th September 2015):

IEEE Delhi Chapter, organised a technical talk on '**Digital Future**, Innovation and an Ideal Professional Engineer' by Dr. K. Subramanian on **29th September 2015** at Delhi Technological University, Delhi. **Eleven Students** from **Department of Computer Science & Engineering, Dronacharya College of Engineering, Gurgaon** **Shubhi Sarin (17145), Saurabh kumar (17129), Tarun Bhandari (17161), Sakshi Mittal (17123), Ria Arora (17114), Puneet Saini (17108), Priya Yadav (16955) Dishant Passi (16056), Anurag vats(16029), Brijesh Aggarwal (16044), Birender Singh Rawat (16043)** attended the lecture. During the talk, **Dr. Subramanian** introduced drivers and emerging trends in Digital information. **Dr. Subramanian** explained about Laws of Digital Economy, open competition in Digital World, Development and changes in Environmental Digital Network, concept of innovation. It was a great experience for students as **Dr. Subramanian** explained in detail about various concepts related to Digital Future, Innovation and an Ideal Professional Engineer.



Students of CSE Dept. of DCE, Gurgaon at the Venue



Dr. K. Subramanian, Founder Director & Professor, Advanced Centre for Informatics & Innovative Learning, Indira Gandhi National Open University (IGNOU) delivering his talk

IEEE Technical Talk on Application of HVDC in Energy Generation

IEEE Delhi Chapter organised a technical talk by **Dr. Tapan Manna, IEEE PES Distinguished Lecturer on Applications of HVDC in Energy Generation** at **IIT Delhi** on **28th September 2015**. Four Students namely, **Praveen Kilhore (16119), Nitin Yadav (16107), Nikhil Sharma (16103)** and **Saket (17121)** from **Department of Computer Science & Engineering of Dronacharya College of Engineering, Gurgaon** attended the talk.

The Power & Energy Society (PES) is the world's largest forum for sharing the latest in technological developments in the electric power industry, for developing standards that guide the development and construction of equipment and systems, and for educating members of the industry and the general public. Members of the Power & Energy Society are leaders in this field, and they and their employers derive substantial benefits from involvement with this unique and outstanding association.



IEEE Technical Talk on Next Generation Networks (29th September 2015) :

IEEE Delhi Chapter, Computer Society, organised a technical talk on the topic '**Next Generation Networks**' by **Dr. A. Murali M. Rao** on **29th September 2015** at **Delhi Technological University, Delhi**. **Eleven students from Department of Computer Science & Engineering, Dronacharya College of Engineering, Gurgaon** **Puneet Saini (17108), Priya Yadav (16955), Dishant passi (16056), Anurag vats (16029), Brijesh aggarwal(16044), Birender Singh Rawat(16043) Shubhi Sarin(17145), Saurabh kumar(17129), Tarun Bhandari (17161), Sakshi Mittal (17123) and Ria Arora (17114)** attended the lecture. Dr. A. Murali M. Rao is working as a Joint Director, Indira Gandhi National Open University, New Delhi. He is working in the area of System & Network Security, Intrusion Detection, Cloud Computing & Virtualization and Education Technologies. During the talk, Dr. Rao gave a brief introduction about next generation networks and its characteristics and discussed about several protocols along with the challenges and solutions of NGN. It was a great experience for students as Dr. Rao explained in detail about various concepts related to Next Generation Networks.



Dr. A. Murali Rao, Joint Director, IGOU, New Delhi
delivering his lecture



Students of DCE, Gurgaon at the venue

STAAD PRO Classes For Final Year Civil Engg. Studies (29th September 2015) :

In order to well equip students with the technical knowledge and industry exposure, **Department of Civil Engineering, Dronacharya College of Engineering, Gurgaon** started **STAAD PRO classes** for **final year students** from **29th September 2015** signing a MoU with CADD Center. STAAD PRO is a structural analysis and design software by Bentley and is used widely in all consultancies and various design organizations. Through this, students will gain experience in concrete & steel design and analysis of various civil engineering components using the software. Some of the important designs included are design of water tanks, stair case, shear wall, retaining wall, dynamic analysis, member truss, overhead transmission line towers, foundation design etc.



Prof. (Dr.) B.M.K Prasad, Principal DCE with Mr. Vijay Yadav (HR Head. CADD Centre, MG Road, Grugaon) signing MOU of STAAD PRO



Students of CE Dept. of the College attending the Session of STADD PRO

91 Springboard & Microsoft Present Start - Up Sync (29th September 2015):

Microsoft and 91 Springboard organized a Start -Up Sync where students were invited to network with start-ups, technical community leaders and to discuss on the various Microsoft Azure products in India. Five students namely **Govind, Saurabh Kumar, Nikhil Verma, Akshit Chauhan** and **Sunny Kumar** of Computer Science and Engineering Department from **Dronacharya College of Engineering, Gurgaon** attended the event on **29th September 2015** at **91springboard, New Delhi**.



IEEE Dilliwalla Quiz Competition (30th September 2015):

IEEE Jamia Hamdard Student Branch organised a "**IEEE Dilliwalla Quiz Competition**", a **Delhi Quest at Jamia Hamdard University** on **30th September 2015**. **Twenty two students** from **Department of Computer Science & Engineering, Dronacharya College of Engineering, Gurgaon** participated in the competition. It was a daylong event in which students from different colleges and universities of IEEE Delhi chapter regions took active participation. The quiz comprised of questions based on commercial and political Delhi including names of historical monuments, roads, fort, statues, and places. The First round comprised of twenty questions, followed by some asterisk questions that were considered in case of tie between the teams and second round was audio - visual round with five questions. The quiz was held to increase awareness about the capital of our country. Students learned a lot about the capital city by participating in the Quiz.



IEEE Dilliwalla Quiz in Progress



Students CSE Dept. of the College at the venue

Industrial Visit to National Physical Laboratory (NPL), New Delhi (30th September 2015):

One - day industrial visit to National Physical Laboratory (NPL), New Delhi was organized by **Department of Electronics & Communication Engineering, Dronacharya College of Engineering, Gurgaon** on the occasion of CSIR Foundation Day. NPL opens its doors, officially, for all educational institutes for OPEN DAY visit to their campus which was held on **30th September 2015**. **III - Semester students** of the Department and one faculty, **Mr. Ashish Gambhir, Assistant Professor, ECE** got the opportunity to attend this programme. The objective of this visit was to get our students involved in NPL research activity through OPEN DAY programme, where they got a chance to meet experts of diverse fields, especially in Micro/Nano Electronic related Scientist & Technocrats.

The guides for the visit at NPL were the dedicated Ph. D & Research Scholars who were answered the queries raised by the students during the visit. This industrial visit provided a valuable opportunity to the students involved in knowledge sharing and provided an opportunity to think and work on recent research schemes.



Group Photograph of DCE, GGN students at NPL, N. Delhi



DCE, GGN Students attending the demonstration at CNC Workshop

National Conference on “Accelerating Industrial Growth” (30th September):

Two faculty members **Mr. Lokesh Kumar** and **Mr. Rajesh Mattoo** from Mechanical Engineering Department of **Dronacharya College of Engineering, Gurgaon** attended a National Conference on **“ACCELERATING INDUSTRIAL GROWTH”** conducted by PHD CHAMBER OF COMMERCE and INDUSTRIES, New Delhi on **30th September, 2015** at PHD HOUSE, New Delhi. **Mr. Alok B. Shriram**, President, PHDCCI hosted the inaugural session. There was a live online discussion with **Former Ambassador Mr. Pradeep Kapur**, visiting Professor, University of Maryland and **Mr. Devin Fiddler**, Research Director, institute for the Future, USA. Heads and CEOs of various companies like **EICHER, Sai Products, NASSCOM, 3THIRDEYE Inc USA, J&K SIDCO, CYBER MEDIA, GLOBEL MINDSET, DSIR Ministry of Science and Technology, IIT Mandi, SANDHAR, Faros Simulation System** shared their thoughts with the participants.



Mr. Rajesh Mattoo, faculty of DCE, Gurgaon with Mr. Venke Char, CEO, THIRDEYE USA



Mr. Alok B Shriram, President, PHDCCI during inaugural address

MARSH.TECH Workshop (1st October 2015):

To introduce Crowd Source Testing Platform over Android Operating System, a **one - day Workshop on "MARSH.TECH"** was organized at **Dronacharya Group of Institutions, Greater Noida** on **1st October 2015**. **Ms. Kashika Grover (17064)** student of **III semester, Department of Computer Science & Engineering, Dronacharya College of Engineering, Gurgaon** attended the workshop. The workshop was conducted by "**GDG Chapter of Dronacharya College of Engineering in collaboration with Consultancy Development Cell of Dronacharya College of Engineering, Gurgaon**" to spread knowledge and awareness on "Overview on Software testing". "Google Developer Group, Dronacharya College of Engineering" with its unique value proposition, offers timely end-user centric feedback, and effective cross platform on Andriod coding. **Objective** of the workshop was to spread awareness about the latest Android version, **Marshmallow 6.0** and its predecessor **Lollipop 5.0**. The workshop also covered the aspects of Gmail and how it is more professional than Facebook. A total of **100 students from MCA, MBA - IT, PGDMC and M. Tech. (VLSI, IT and CSE)** participated in the event.



**Mr. Anshul Patro from DCE, Gurgaon
Delivering a Speech on Android Testing**



Participants during the Marsh Tech. Workshop

R&D Opportunities in the Country Vis-a-Vis Role of Microwave (5th October 2015):

The Electronics and Communication department of **Dronacharya College of Engineering, Gurgaon** organized a Guest Lecture by **Dr. S.N. Joshi Emeritus Scientist, CSIR - CEERI, Central Electronics Engineering Research Institute** on the topic "**R & D Opportunities in the Country vis-a-vis Role of microwave Devices**" on **5th October, 2015**.

Dr. Joshi through his lecture introduced the different labs of India where various R&D opportunities are available. CSIR, DAE, ISRO, DRDO, Deity, IISc, IIT's and NIT's have well-resourced, highly -equipped R&D laboratories in the country. Dr. Joshi discussed the kinds of support available in the R&D sector. He mentioned that the Council of Scientific and Institution Research (CSIR) supports research through Human Research Development Group (HRDG). It also gives grants to universities, post graduates institutions and IITs. He further said that there are huge scopes for companies to carry out R&D for Small and Medium Enterprises (SMEs) and academic institutions.



**Welcome by Hon'ble Principal Prof (Dr.) B.M.K. Prasad
and HOD (ECE) Mrs. Dimple Sapru**



Scientist Dr. S. N. Joshi delivering his talk

IEEE Day Celebration (6th - 7th October 2015):

IEEE Student Branch of Dronacharya College of Engineering, Gurgaon (www.dcegieee.in) successfully celebrated **IEEE DAY 2015** on **6th - 7th Oct 2015** in the college premises. It was celebrated with full enthusiasm by all student members and other mentors of various chapters & societies. The motive of celebration-program was to provide a platform & network for student members to interact with one another. This idea was to motivate students by organizing such type of events in which student members interact as well as coordinate. **On 7th October 2015, around 20 students** from Department of EEE, ECE & ECS visited **TATA Power Ltd. DDL Training Centre, Rohini, Sec- 11, New Delhi**. It was a 108MW Generation Gas Power Plant. At the plant, students were briefed about the working conditions and operations carried out in a plant. Students' visit proved to be very useful as they got to know about the working and schematic of the gas power plant.



Student Branch Counsellor Dr. K.K. Singh starting the session



Students of the College at TATA Power Ltd. DDL Training Centre, Rohini

Session on Virtual Labs held at IIT Delhi (7th October 2015):

The virtual lab concept is to provide remote access to labs in various branches of Engineering. Virtual labs enable the user to perform experiments remotely as an on- demand service over the web. More than hundred virtual labs are currently available and ready for use at one common website www.vlab.co.in. The brain storming session held at IIT Delhi was attended by **Prof. Dimple Saproo, Head, Department of Electronics & Communication Engineering, DCE, Gurgaon**. The workshop started with an introduction round of the participants (10 faculty members) from different colleges. It was followed by a presentation by **Prof. Ranjan Bose of Electrical Dept, IIT Delhi**.



Presentation on virtual labs by Prof. Ranjan Bose, Electrical Dept, IIT Delhi



Presentation on virtual labs by Mrs. Dimple Saproo, HOD (ECE), DCE, Gurgaon

Industrial Visit to Tata Power Delhi Distribution Limited Learning Center (7th October 2015):

Department of Electrical and Electronics Engineering of **Dronacharya College of Engineering, Gurgaon** conducted an industrial visit to **Tata Power Delhi Distribution Limited, Learning Center, New Delhi** on **7th October 2015**. Nineteen students from EEE, ECS and ECE Department visited the plant with faculty member **Mrs. Tanushree Bhattacharjee**.

Tata Power Delhi Distribution Limited [TPDDL] is a joint venture between Tata Power and the Government of NCT of Delhi with the majority stake being held by Tata Power (51%). Total generation limit is 108MW which is having three turbine sections in the plant, two gas turbine and one steam turbine generating 33.3MW each.



Seminar on “Education U.S.A”(7th October 2015):

Seminar "Education U.S.A." was conducted at the **American Center** on **7th October 2015** to provide information on requirements or conditions to students for studying in the United States. **Akshit Jaggi (15453) and Aditya Chhillar (15449)** from **Dronacharya College of Engineering, Gurgaon** participated in the seminar.

The keynote speakers for the event were **Mr. Langston** and **Ms. Richa Gulati**. The speakers focused the colleges which offer M.Tech and M.B.A.degree for graduates and Doctorate degree for those who are done with their Post Graduation. The seminar provided accurate, comprehensive, and current information about opportunities to study at accredited institutions in the United States. The participants came to know about the U.S. higher education community that help the institutions in recruitment and campus internationalization.



Industrial Visit to KR Network Cloud Technology Pvt. Ltd. (9th October 2015):

Mrs. Poonam Yadav, Assistant Professor, Department of Electronics & Computer Science, Dronacharya College of Engineering, Gurgaon along with **33 students** from **Department of ECS, CSE and IT** visited **KR Network Cloud Technologies Pvt. Ltd., Delhi** on **9 October 2015**. The visit was organized by DCE ISTE Student Chapter with the motive to give the students a brief understanding of networking and operating it on cloud and it was a good learning experience for the students.



Mrs. Poonam Yadav, faculty DCE, GGN
with students of the College at the centre



Mr. Krishna, KR Network Cloud Technologies Pvt. Ltd., Delhi
explaining the Red Hat certification to the students

1st Prize in Gaming Competition & 2nd Prize in Coding Competition in Thomso'15 at IIT Roorkee (9th October 2015):

Ashish Gahlawat, CSIT Vth Sem (16905) and **Sushil Sharma, CSIT Vth Sem (16942)** participated in the Thomso'15, Annual Cultural Fest of **IIT Roorkee** from **9th to 11th October 2015**. This youth fest is also recognized as the Annual Youth Festival of Uttarakhand. **Ashish Gahlawat** won the first prize in event LAN gaming and Sushil Sharma got the second position in coding game.



Second Position in Technical Event @ IEEE Day (10th October 2015):

To showcase the hidden technical talent among engineers, "**RENAISSANCE: Technical Event Series**" was organized at **Guru Teg Bahadur Institute of Technology, Delhi** on the eve of **IEEE Day on 10th October 2015**. **Thirty five students of Department of Computer Science & Engineering, Dronacharya College of Engineering, Gurgaon** participated in various technical events. These events were conducted to enhance the technical knowledge of IEEE and to give an idea about those things which are not part of their curriculum but are important for them in future. Two students of Department of Computer Science & Engineering, **Dheeraj Dixit (16050)** and **Jaspal Ramola (16950)**, V-Semester secured **second position in IEEE Technical Event** "Snakes & Engineering" and received a cash prize of Rs. 1000/-.



Students - Dheeraj Dixit (16050) and Jaspal Ramola (16950)
of the College receiving certificates and Cash Prize

15th National Seminar on "Cyber Security: Issues & Challenges" (10th October 2015):

Computer Society of India (CSI) Delhi Chapter, in collaboration with Management Education & Research Institute (MERI), New Delhi jointly organized a **National Seminar on "Cyber Security - Issues and Challenges"** on **10th October 2015** at **Institutional Area, Janak Puri, New Delhi**. **Two Students namely, Ankit Sharma (16021) and Akashdeep Singh (16010) of Department of Computer Science & Engineering, Dronacharya College of Engineering, Gurgaon** attended the lecture. **The chief guest of seminar was Prof. Arvind Kumar, Vice- Chancellor, RLBCA University, Jhansi**. The other guests included **Lt. Vineet Kumar, President of Cyber Peace Foundation, Dr. R.C. Agrawal, Registrar General of PPV & FRA, Govt. of India and Shri Ravi Vijayvargiya, Senior Technical Director & HOD Network Security Division NIC (HQ) New Delhi**. During the talk, **Prof. Arvind Kumar** discussed about the benefits of Internet, which is primary computing platform for our day to day activities may be through, Standalone apps, Web-based apps and Cloud computing. The most frequently used computer applications, such as Gaming, Search engines, Emailing, Texting, Facebook, LinkedIn, Twitter, Amazon, eBay, Wikipedia, Google Drive, Web Browsers (HTTP) have largely become the part of Cyber Space. It was a great experience as **Dr. R.C. Agrawal** explained in detail about various concepts related issues and challenges faced in Cyber Security.



Student of CSE Dept. DCE, Gurgaon at the Venue



Appendemos 2015 in progress

“Atoms’15”(10th - 11th October 2015):

SenseFil Technologies organized a 2 day workshop **"Six Sense Reality"** at **"Bits Pilani, Hyderabad Campus"** during their fest **"Atmos'15"** on **10th - 11th Oct. 2015**. **Akshit Chauhan (15007)** of department of CSE from **Dronacharya College of Engineering, Gurgaon** delivered a session on **Six Sense Reality**.

Akshit Chauhan in his lecture explained the concept of six sense. He said that SixthSense' is a wearable gestural interface that augments the physical world around us with digital information and lets us use natural hand gestures to interact with that information. He further explained that the SixthSense prototype implements several applications that demonstrate the usefulness, viability and flexibility of the system.



IEEE Delhi Meet (11th October 2015):

Mr. Chandra Shekhar Singh, Associate Professor, Ms. Monika Phulia, Assistant Professor and Ms. Charu Jain Assistant Professor, Department of Electrical and Electronics Engineering, Dronacharya College of Engineering, Gurgaon attended the **IEEE Delhi Section 'Chairs', Counselors' and Mentors' Meet'** organized by **Student Activities Committee of IEEE Delhi Section** on **October 11th, 2015** at **Delhi Technological University**.

Dr. Rachana Garg, SAC Chairperson, IEEE Delhi Section discussed about IEEE Delhi section. IEEE Delhi Section alone or with the support of various Chapters and the local units of other institutes like IET (UK), IETE, IE (India), etc. Dr. Garg also discussed about dissemination of knowledge in the broader fields of Electrical and Electronics Engineering through holding of technical talk, seminar, conference, symposium, workshop, tutorial, etc., Exchange of ideas and sharing of knowledge amongst the professionals in the corresponding fields and providing support to Student Branches to conduct paper contest, quiz, etc.



IEEE Delhi section Secretary, Dr. Prerna Gaur addressing the meeting with SAC Chairperson, Dr. Rachna Garg



Faculty members from EEE Deptt. of the College attending the IEEE Meet at DTU

Workshop on Robotics organized by a Final Year Student at KIIT World School, Pitampura, Delhi (13th October 2015):

A '**Workshop on Robotics**' was conducted for **high school students** at **KIIT World School, Delhi on 13th Oct. 2015**. **Parveen Kumar, a student of final year (VII Sem), Department of Electronics & Communication Engineering, DCE, Gurgaon** delivered a lecture on Aurdino during the workshop. He gave the introduction to Robotics and programming concepts. He also briefed the participants about the applications designed by MIT to learn the programming concepts.



Praveen Kumar, ECE, VII Sem Student delivering his lecture at KIIT World

Easy Writing Competition (14th October 2015):

The English Literary Association of Delhi College of Arts and Commerce in association with "STORYMIRROR" organized an event on **14th October 2015**. **Akshit Jaggi (15453)** and **Aditya Chhillar (15449)** from **Dronacharya College of Engineering, Gurgaon** participated in the essay writing competition.

The objective of participating in such a competition as to showcase the literary expertise of the participants. The events included Group discussion, debates, essay writing, elocution, illustration and short story writing.

The first round topic of the essay was on "Pocket Money: Should Parents develop this habit at the tender age?". The participants got 30 minutes to prepare and 15 minutes to write on the topic. Total Ten participants qualified . Total 10 participants qualified to round 2. Both **Akshit Jaggi** and **Aditya Chhillar** qualified the first round of the contest and competed in the second round of the competition.



Remarkable Performance by Civil Engineering Students in national Project Competition “DRONSPARK 2015” (15th October 2015):

Students of Department of Civil Engineering, **Dronacharya College of Engineering, Gurgaon** participated in **National level project competition DRONSPARK 2015** with creativity and enthusiasm. The National Project Competition was held at **Dronacharya College of Engineering, Gurgaon** Campus from **15th - 16th October 2015**. The judges were eminent and reputed academicians like **Prof. (Dr.) Sudhir Atreya, Chief Design Engineer (SG), IIT, Delhi & Prof. (Dr.) Shatendra K Sharma, Professor & Director, University Science Instrumentation Center JNU**. The project titled “Plastic Brick” by third year students Amandeep (16813) and Deepak Kaushik (16814) bagged First Prize out of nearly 100 projects that were displayed in the competition. The project dealt with the methodology of using a combination of four categories of plastics (there are 2000 types of plastics till date) like PE, HDPE, PET, and POLYAMIDE as a brick.



Students of Dept of Civil Engineering getting First Prize



Students participating in Dronspark'15

National Conference on Advancement in Biometrics Trends & Its Applications (NCABTA - 2015) (16th October 2015):

Department of Computer Science & Engineering, Dronacharya College of Engineering, Gurgaon organized a **"National Conference on Advancement in Biometrics Trends and Its Applications (NCABTA-2015)" on October 16th, 2015** at the College campus. The Conference was sponsored by "Science & Engineering Research Board (SERB)" under Seminar Symposia Scheme of Department of Science & Technology (DST), Government of India, New Delhi.

The **Chief Guest of the Conference** was **Prof. Dr. Nasib Singh Gill, Director of Distance Education, MD University, Rohtak, Director of Public Relation & Head of Computer Science and Engineering Department**. The other delegates included Col. **Dr. Karanjit Singh**, Technology Manager, Reliabilities and Maintainability Studies for Metro Rail Projects, **Mr. Sanjay Vohra**, Manager, Innovation & Entrepreneurship Development Center (IEDC), Acharya Narendra Dev College, DU, **Prof. S. K. Ateray, Professor**, Indian Institute of Technology, Delhi and **Prof. S. K. Sharma**, Director, USIC, JNU.

During the conference, several research papers covering wide areas such as Phishing Page Detection Tool, Weapon for Society, Biometric Detection Using Human Gears, Digital Image Processing, Human- Computer Interaction, Blue Eyes Technology, Automated Fingerprint Identification System (AFIS), Internet of Things- A new arena of sensing etc. were presented by delegates from different colleges and universities such as IIT BHU, MAIT Delhi, Motilal Nehru College (Delhi University), Maharaja Agrasen Institute of Technology, Amity School of Engineering and Technology Bijwasan (Gurgaon), Apee Jay Satya University Sohna, Manav Rachna University, MVN University, Bharti College DU, GTBIT, Maharaja Agrasen, Dr. B. C. Roy College of Engineering & Technology Durgapur, West Bengal, NorthCap University Gurgaon, SRM University Sonapat & many more.



Inaugural ceremony of NCABTA'15



Memento presented by Principal Prof. (Dr.) B. M. K. Prasad to Chief Guest Prof.(Dr.) Nasib Singh Gill, Director of Distance Education, MDU, Rohtak as a token of reverence

Placements :

The following students got placed in different companies:

S. No.	Name	Roll No.	Branch	Company
1.	Aakash Soni	15001	CSE	IGATE
2.	Anjali Agrawal	15010	CSE	IGATE
3.	Chetna Mahajan	15022	CSE	IGATE
4.	Dhruv Pahuja	15029	CSE	IGATE
5.	Disha Papneja	15032	CSE	IGATE
6.	Ipsita Vashista	15038	CSE	IGATE
7.	Lokesh Madan	15054	CSE	IGATE
8.	Manohar Kumar	15057	CSE	IGATE
9.	Mohit Arya	15058	CSE	IGATE
10.	Sahil Munjal	15092	CSE	IGATE
11.	Sandeep	15094	CSE	IGATE
12.	Surbhi Bhardwaj	15003	CSE	IGATE
13.	Deepak Chandel	15024	CSE	Wingfotech Excellence
14.	Anjali Rajput	15009	CSE	BluePi Consulting Pvt. Ltd.
15.	Deepak Kumar	15026	CSE	InFeedo
16.	Ayushi Mishra	15018	CSE	EXL

Student's Speak :

"The dreamers of the day are dangerous people, for they may act their dream with open eyes to make it possible." - T.E. Lawrence

"When the atmosphere encourages learning, the learning is irresistible".

Dronacharya College of Engineering, Gurgaon is among the handpicked colleges in NCR. Dronacharya has always been a hub of making brilliant, creative & proficient pool of candidates which creates robust & responsible engineers for highly competitive industry. "Domain nourishment and instillation of moral values are two foremost fundamentals of this institute". **Dronacharya College of Engineering, Gurgaon** helped me to develop a very positive attitude towards work and also developed leadership quality in me. There were seemingly limitless extracurricular activities which led me to a journey of self-discovery. Through interactions with classmates, professors as well as other college staff, I earned a "degree" in people and social skills that I did not even sign up for. Department of Computer Science of the college is never behind in widening student's technical skills, academic growth and a moral character under leadership of **Prof. Vishal Bharti** as Head of Department and I am proud to be a part of this Department.



**Anjali Rajput
(15009)**

"You Have to Dream Before Your Dreams Can Come True"- A.P.J ABDUL KALAM

Dronacharya College of Engineering, a name that itself stands for discipline. It provides a perfect platform for numerous opportunities to the students, to gain knowledge and know about new technologies. It has a fully furnished advanced library with unlimited number of books. The **Department of Computer Science and Engineering** has helped me to develop my skills by making us organize and participate in various seminars and workshops. I am very glad to be a part of this Department, as the teaching staff is very knowledgeable and experienced. My department has helped me in every manner and enhanced my talent so that I can easily stand apart from the crowd.



**Gajender Pal
(15033)**

"An investment in knowledge pays the best dividends."

Being a part of this esteemed and reputed college, I feel proud to see myself at a place where various aspects of knowledge, discipline and education merge to light up the lamp of success of the students. The **Department of Computer Science and Engineering** helps in converging the energies of all the students and ignite their minds. It has the most competent and professional staff. Faculty members create an environment where curiosity and thinking students become the key assets of the students. **The college has its own Placement Cell, which assures 100% placement of the meritorious students. DCE, Gurgaon** has helped me to mould up my dreams and ambition to that level of success where sky is the limit. Being a part of Dronacharya culture and family, I've started living into it. **DCE, Gurgaon** has provided the students the facility to study or to learn with a peaceful and relaxed mind.



**Deepika Pandey
(16048)**

"Innovation distinguishes between a leader and a follower" Steve Jobs

Department of Computer Science and Engineering, **Dronacharya College of Engineering, Gurgaon** believes in innovation. The Department offers a great platform to the students to enrich and develop their skills and knowledge in their particular domain as well as in co-curricular activities by organizing various technical events and competitions. Being a student of the **Department of Computer Science and Engineering** fills me with immense pleasure and honor. Our faculty members along with our Head of Department, **Prof. Vishal Bharti** have always been more than just teachers to me. With his vision and commitment, our HOD has always inspired us. I am proud to be a part of Dronacharya family.



**Akshit Chauhan
(15007)**

Success is nothing more than a few simple disciplines, practiced every day. -Jim Rohn

Keeping this thought in mind, the Department of Computer Science & Engineering, Dronacharya College of Engineering is working hard for the development and success of their students. I feel honoured and gratified being a member of the CSE Family of our college. We, at the Department of Computer Science & Engineering, are blessed to have a team of highly dedicated and motivated faculty members, who are very supporting and are always there for us; whenever we need guidance. Head of the Department, Prof Vishal Bharti, encourage students to be inquisitive and explore all possibilities. Every student is tutored to be punctual, disciplined, and to face problems with confidence and ardour. The diligent faculty, eager to learn students, and the guidance from our Head of Department, Prof. Vishal Bharti makes the Department of Computer Science & Engineering the best.



**Bharti
(16039)**

"Success usually comes to those who are too busy to be looking for it."

I feel immense proud to say that **DCE, Gurgaon** is one of the best engineering colleges in Gurgaon and Department of Computer Science & Engineering is the best Department in the college. Headed by an intellectual, **Prof. Vishal Bharti** and supported by hardworking faculty members, this department has many successful stories behind its achievements and many more coming further. Rather than focusing only on academic studies, my department is always active for most of the extra curriculum activities, both in-campus and off-campus. Also, **Prof. Vishal Bharti** always encourage students to take part in various events, workshops, seminars and to be part of various societies and companies for the benefits of students. Keeping the above thought in mind, I would say that Dronacharya College and the Department of Computer Science & Engineering have taught me to be busy for getting success. I hope this will definitely bring glory to my life.



**Ashish Jain
(16032)**

Dronacharya College of Engineering, Gurgaon is an organisation where equal attention is paid to each and every student, to guide them in enhancing their technical and professional skills. The facility members of the college are just perfect to make a student ready to get employed in a company. Computer Science Engineering branch has helped me to gain a deep understanding of software as well as computer-related hardware and it proves to be beneficial in all aspects of my learning. I am glad to be a part of this institution.



**Ayush Bansal
(16035)**

"It's not just learning that's important. It's learning what to do with what you learn & learning why you learn things that matters".

I take immense pride in being a part of the reputed institution, **Dronacharya College of Engineering**. This is the place where instead of being led by holding our hands, we were asked to walk ahead while our teachers caringly observed and guided us from behind. We, at the Department of Computer Science and Engineering, under the stewardship of **Prof. Vishal Bharti**, Head of the Department, have been encouraged to find our strengths, drive away our tears, overpower and conquer our fears. The department indeed being the best department of our college has helped students become more radical, professional and dynamic. I feel fortunate enough to be a part of this department which has made a beautiful impact on our lives without a doubt.



**Aashima Randhawa
(15002)**