



# Dronacharya College of Engineering

## ISSUE

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Applied Science & Humanities

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## From Editor's Desk :

***One machine can do the work of fifty ordinary men. No machine can do the work of one extraordinary man.***

***- Elbert Hubbard***



We, at **Dronacharya College of Engineering, Gurgaon** encourage the students for exposure of innovation and creativity not only to adapt new situations but also lead the corporate world. We don't leave any stone unturned in empowering today's learners to become the leaders of tomorrow & making our students embark their journey of discovery, developing their own abilities, skills and self-belief needed to succeed as globally renowned professionals.

We are marching into the new millennium with immense power of these technologies. More positive changes are expected in every category of technical personnel in near future.

Today, **Dronacharya College of Engineering, Gurgaon** is well-known for its discipline, dedicated faculty and staff, excellent infrastructure with modern laboratories, classes for personality development, remarkable university results, placement and wide. We also keep on inviting eminent technocrats, scientists, and experts from industry to provide current and relevant knowledge to the students to brighten their future.

At no point of time in history, the intelligent, talented and forward- looking youth had so many opportunities awaiting them, as it is today. The present society is knowledge-based, where talent is the most important asset for any young engineer. In order to utilize the available opportunities to the maximum, it's quite important to change the mindset of the aspirant since the very first day. Our vital aim is to groom Dronacharyans in a way that could help them touch the pinnacle of perfection.

**Editor, (Dr. Sunil Mishra)**



## *From HOD's Desk :*

With the commencement of each session, the Department of Applied Sciences and Humanities is entrusted with the responsibility of sculpting the young learners into emerging professionals meeting the societal demands in the most befitting manner.



At APS&H, we firmly believe that the small initiatives we take go a long way in building upon the edifice of knowledge and enterprise. Our Department ceaselessly strives to serve as a **verdant landscape of scientific and technical outpourings**. Knowing very well that any amount of technical learning is pointless without practical hands-on training, we provide our students an excellent milieu of state of the art infrastructure, well equipped updated laboratories and an intellectually stimulating teaching fraternity committed to the mission of helping the students **develop into valuable individuals** with technical and professional competence of the degree.

With this pristine purpose, our faculty members act as torch-bearers in letting the future engineers embark upon the bandwagon of educative, enlightening and innovative inclinations. Department is endowed with experienced, vibrant and dynamic faculty, to impart quality education. Believing in the dictum - **to know is to feel and to feel is to hit upon the realization to outgrow and out shine**, our faculty members have put forth unflinching efforts to come out with exceptional work in academics and research.

Our Department offers a plethora of opportunities to students for their holistic development, where, in addition to the regular courses; **extra-curricular and value-added activities** provide exposure to work and play with **team spirit, acquire qualities of leadership and entrepreneurship**. They get opportunities to attend National and International conferences, symposiums, seminars and workshops. We also organize motivational lectures in collaboration with Organizations and Industries. A lot of emphasis is laid on the overall **personality development** of the students so as **to foster** in them the **necessary drive and confidence**.

We pride ourselves in having a **large number of meritorious students** who have kept the D.C.E. flag flying high by excelling in studies. We are confident that continuing with the legacy, the excellence of the coming batch will mark the beginning of an enterprising teaching-learning relationship with Dronacharya family.

*Head of Department, Prof. (Dr.) Sri Krishan Yadav*

## *Events :*

### **One Day Seminar on TELECOM EVOLUTION From 1G to 5G :**

Department of **Information Technology** and Department of **Electronics & Communication Engineering, Dronacharya College of Engineering, Gurgaon** jointly organized one day seminar on Telecom Evolution from 1G to 5G on **12<sup>th</sup> Aug 2015** in association with **Huawei Network Academy and IndoVision**. **Mr. Bhartendu, Sr. Manager** from Ericsson India Pvt. Ltd. was the guest speaker of the event.

He shared his work experience & journey of wireless technology from 1G to 5G. Along with **Mr. Bhartendu Mr. Vinay**, Director IndoVision also shared his views on the platform of Networking. He explained about the need & requirement of young skilled engineers in the field of networking.

Overall the seminar was very much interactive and speakers were able to clarify doubts of students.



**Mr. Vinay addressing the Students**



**Mr. Bhartendu Interacting with Students**

### Visit to Sandhar Automotives:

**Mrs. Poonam Yadav**, Assistant Professor along with 47 students from Information Technology and Electronics and Computer Engineering Department of **Dronacharya College of Engineering, Gurgaon** visited Sandhar Automotives in Gurgaon on **14th August 2015**. The visit was organized by the ISTE Student Chapter of the College to give the students a glimpse and understanding of live demonstrations of automotive locks and two wheeler mirrors manufacturing. The plant located in Gurgaon manufactures ignition & steering locks, ignition switches, door handles, fuel filler caps, latches, hinges. It has a technical tie up with Honda Lock Manufacturing Company Limited, Japan for supplies of lock sets to all Honda two wheelers. The visit was very knowledgeable and the students got the opportunity to see live demonstrations of locking system in two wheelers.



**Mr. Puneet in discussion with the students**



**Students of DCE, Gurgaon during the Industrial Visit at Sandhar Automotives**

### Industrial Visit to 7BRD Air Force Station, New Delhi:

Department of Electronics and Communication Engineering, **Dronacharya College of Engineering, Gurgaon** conducted an industrial visit to 7 BRD Air Force Station, Tughlakabad, New Delhi on **20<sup>st</sup> and 21<sup>nd</sup> August 2015** under the coordination of two faculty members **Mrs. Amninder Kaur** and **Mr. Ashish Gambhir**.

The visit was a very fruitful exercise as it gave an opportunity to the students to have a closer look at various complicated equipment used for defence of the country such as Air Defence Radars, Missiles with state of art technology as well as it exposed them to the practical environment of Indian Air Force.

### Session of Counseling for placements(CFP) :

With an objective to boost up the students for performing well in placement process, Department of Computer Science & Engineering, **Dronacharya College of Engineering, Gurgaon** organized a Counselling Session by the team of "Quantum of Excellence" on **21<sup>st</sup> August 2015**. Third and Fourth year students of Computer Science & Engineering and Information Technology attended the session. In the session **Mr. Aman Taneja, Founder, Quantum of Excellence** and **Mr. Gurpreet Singh, Co-Founder, QoE** explained the students about recruitment processes such as resume short listing, tackling several rounds of interviews, which is generally followed by various companies.



**Mr. Aman Taneja about technical interview**



**Students of CSE Department raising their doubts**

### Delhi Machine Tool Expo :

**Ruby Sharma (Roll No. 15378)** and **Rahul Yadav (Roll No. 15367)** from Mechanical Engineering Department of **Dronacharya College of Engineering, Gurgaon** visited DELHI MACHINE TOOL EXPO on **21<sup>st</sup> August 2015** at Pragati Maidan. 10 colleges participated in it from Delhi NCR including IIT Delhi , ACME College of Engineering , IMS Engineering college, Jamia Milia Islamia , Maharaja Agrasen Institute of Technology etc. Two students from each college participated in it. Mr. Rajashekhra HV , Director of IMTMA gave a brief session on "JAGRUTI - IMTMA Youth Programme". After this the group of 20 students into two batches visited the exhibition. In the exhibition more than 50 companies showcased their new inventions , new ideas , new techniques from all over the world. Many new CNC machines , drilling machines , lathe machines , different robots , press machines , hexagon metrology and many more new techniques were showcased and explained by the guides . Many new inventions are being done by china and Switzerland engineers who came up with upcoming technologies which can reduce the cost and improve the efficiency of the tool .



**Dronacharyans during DELHI MACHINE TOOL EXPO**



## Visit to IPCA Electronics Expo India 2015 :

30 students along with two faculty members **Mrs. Sakshi Pahuja** and **Mrs. Priya Yadav** from Electronics and Communication Engineering Department of **Dronacharya College of Engineering, Gurgaon** from Department visited the IPCA Electronics Expo 2015 on **22<sup>nd</sup> August 2015** held at Pragati Maidan, New Delhi.

The aim of the expo was to promote the state of the art PCB technology and business in the country by mutual exchange of ideas and technical interactions. The key highlights of the expo were: PCB and PCBA, LED and Lighting, RS Design Workshop and Skill Development Workshop.



**Students of DCE, Gurgaon at IPCA, Pragati Maidan, New Delhi**



**Expert from RS India Ltd during PCB Designing Workshop**

## Tech For Good 2015 Women Hackathon :

The exclusive Women-Only Hackathon "Tech for Good 2015" sponsored by **AMERICAN EXPRESS** was held on **22<sup>nd</sup> August 2015** at Silver Oak, India Habitat Centre, New Delhi. Nine students, **Bharti Sachdeva (16039)**, **Aarushi Madan (16001)**, **Aarushi Tuteja (16002)**, **Kavita Fulara (16080)**, **Mandisha Sharma (16085)**, **Mansi Sharma (16089)**, **Monika Yadav (16954)**, **Jyoti Chauhan** and **Priya Yadav (16955)** from CSE Department of **Dronacharya College of Engineering, Gurgaon** attended this Event. Through this hackathon, students acquired new ideas for developing the apps on different platforms along with wireframes to develop the apps.



**Hackathon in progress**



**Students of CSE Department at Venue**

## Mock Placement Preparatory Session :

The department of Electronics & Communication Engineering held a Mock placement preparatory session for the Semester VII (Final Year) students, on **22 August 2015**. The sessions were held for students having aggregate percentage 65% and above with no backlogs. The preparatory sessions were conducted by alumni of the college. The inputs given by them were highly appreciated by the students as well as the members of faculty. Since the alumni comprised of students from the 2004 batch to the recent 2015 batch, their inputs were very relevant to the changing trends of the industry.



***The technical interview session being conducted by the alumni***



***The alumni who conducted the sessions along with the coordinators***

### **Azure Cloud Data DevCamp:**

On **26<sup>th</sup> August 2015**, 14 students of **Computer Science & Engineering Department** and **Electronics and Computer Engineering Department** of **Dronacharya College of Engineering, Gurgaon** attended a one day event on **Azure Cloud Data Devcamp** organized by Microsoft at **Microsoft Corporation (India) Pvt. Ltd., Gurgaon**. The event was organized to get familiarize the participants of using the Azure data services and connect other platforms in Microsoft's own platform Azure.



***Students of ECS Department at the Microsoft***

### **Financial Inclusion Summit By CII:**

On **27 August**, **Bhuvesh Yadav (Roll No. 16778)** from **Electronics & Computer Engineering Department of Dronacharya College of Engineering, Gurgaon** attended a one day Conference on **Financial Inclusion Summit** conducted by **CII** (Confederation of Indian Industry) at The Le Meridien, New Delhi. The event was sponsored by TCS, Union Bank and NEC. The objective of organizing the conference was to mark the first anniversary of Pradhan Mantri Jan Dhan Yojana (**PMJDY**), CII organized the Financial Inclusion Summit to deliberate on the big opportunity presented by the progress in financial inclusion under the present Government.



***Bhuvesh Yadav (16778) during the CII Event***

## Seminar By OFSAAM: Bridging The Skills Gap :

To motivate, encourage and guide the students for placement processes, Department of Computer Science & Engineering **Dronacharya College of Engineering, Gurgaon** organized a Counselling Session by the team of "Ofssam" on **27<sup>st</sup> August 2015**. Third and Fourth year students of Computer Science & Engineering attended the session. During the seminar, **Mr. Sushil Rana, Founder & Creative Head, Ofssam** provided an overview of Apache Hadoop, along with its applications to achieve business goals. He also taught the fundamentals and working of Hadoop, Hadoop Ecosystem and its role in the world of big data analytics.



**Mr. Sushil Rana, Founder & Creative Head  
Ofssam during the seminar**



**Students of CSE Department clearing  
their doubts**

## ABI Delhi NCR Programatitic Maurya, New Delhi :

ABI.DELHI-NCR PROGRAM was attended by Dronacharyans from **ECE, CSE, CSIT & IT departments** along with faculty **Mrs. Sanghamitra V. Arora, Associate Professor** from the department of Electronics and Communication Engineering. The **Anita Borg Institute (ABI)**, organized a networking reception the **ABI. Delhi-NCR program**, on **27 August, 2015** at ITC Maurya, New Delhi. This was a one-day event which focused on learning, networking and encouraging a gender diverse technology workforce in New Delhi and the NCR. The event was sponsored by the American Express.

The program focussed on building a local community that connects women technologists and local tech organizations, with the objective to inspire women to pursue long-term careers in technical fields.



**The students and faculty members of Dronacharya  
College of Engineering, Gurgaon during the event**



## Cyber Security Workshop for LIS & IT Professionals :

Six students **Shweta Popli** (16154), **Arshi Talwar** (16182), **Sneha Gupta** (16157), **Adity Bhargav** (16006), **Deepika Pandey** (16048) and **Piyush** (16112) from CSE Department of Dronacharya College of Engineering, Gurgaon a workshop on **cyber security** was organized by DELNET at **Jawaharlal Nehru University**, New Delhi Road on **31<sup>st</sup> August 2015**. **Dr. Sangeeta Kaul**, **Network Manager**, DELNET, New Delhi inaugurated and infurated the workshop with a welcome note. **Lt. Vineet Kumar**, **President**, CPF, Ranchi presented the introductory address stating about what exactly is Cyber Security and its importance. **Dr. Gulshan Rai**, **National Cyber Coordinator**, PMO, Government of India and Chief Guest gave the inaugural address. **Dr. H. K. Kaul**, **Director**, DELNET gave the presidential address. **Mrs. Namita Rao**, **Project Coordinator**, CPF, New Delhi ended the inauguration with the vote of thanks.



**Avinash Kumar Singh conducting technical session on Cyber Security: Open Source Tools and Technologies**



**Lt. Vineet Kumar covering the titles Risk Assessment and Information Security**

## Meet up on Massive Open Online Course (MOOC) :

On **31 August 2015**, four students **Monica Godara** (16768), **Deepanshu Bansal** (16766), **Akansha Marwah** (16762) and **Amit Saini** (16763) from **Electronics and Computer Engineering Department** of **Dronacharya College of Engineering, Gurgaon** attended a one day meet on **Massive Open Online Course (MOOC)** at American Centre, New Delhi. The main objective of the meet was to spread the awareness about **Growing Entrepreneurship in Transitioning Economics**.



**Mr. Rajeev Lunkad during the presentation**



**Students from DCE Gurgaon at the event**



## Wings To Fly :

To enlighten the students for various carrier scopes, a workshop on "**WINGS TO FLY**" was organized by "Footsteps" on **4<sup>th</sup> September 2015** at **Dronacharya College of Engineering, Gurgaon**. Total 53 students of final year from various branches attended the workshop. The workshop was presided by **Mr. Rohit Kandakatla, the founder of Footsteps and president of SPEED**. **Footsteps** a social venture to identify and encourage today's youth to prepare them for the unforeseen future using education as a



**Mr. Rohit receiving token of appreciation from Prof. (Dr.) B.M.K. Prasad**



**Mr. Rohit Kandakatla taking the session**

## Industrial Visit to Network Guru, Gurgaon :

A **group of fifty five students of III Semester** from Departments of Information Technology, Computer Science & Engineering; and Electronics & Computer Engineering from **Dronacharya College of Engineering, Gurgaon** visited **Networker Guru, Gurgaon on 11<sup>th</sup> September 2015**. The purpose of this industrial visit was to get the students familiarised with several Cisco Certification programs which include CCNA, CCNA Security, CCNA voice, CCNP, CCNP Security/CCSP, CCNP Voice/CCVP, CCIP, CCIE Routing & Switching, CCIE Security, CCIE Voice, CCDA, CCIE Service Provider.



**Mr. Nikhil Vashisth, Trainer, Networker Guru with students**



**Students from the College in Networking Lab**

## Industrial Visit to Cetpa Infotech Pvt. Ltd. :

A group of **thirty two students of V Semester** from Departments of Information Technology, Computer Science & Engineering and Electronics & Computer Engineering from **Dronacharya College of Engineering, Gurgaon** visited **CETPA INFOTECH Pvt. Ltd, Noida on 4<sup>th</sup> September 2015**. The purpose of this industrial visit was to get the students familiarised with several technologies like JAVA, Oracle DBA, Cloud Computing, CCNA etc.

**Mr. Anurag Kaushik, Techno Marketing Executive, CETPA INFOTECH**, explained to the students about cloud-computing and database technologies. He also discussed with students about the job opportunities in the Oracle Database as a Database Administrator, Programmer and in the field of cloud computing. He also discussed about various certification tracks in Oracle Data Base like OCA (Oracle Certified Associate, OCP (Oracle Certified Professional) and OCM (Oracle Certified Master). Students can opt for either database for Administration or Java for programmer position.



**Mr. Anurag Kaushik, Techno Marketing Executive along with students**



**Students from the College clearing their doubts**

### **A workshop on multi-touch & Augmented Reality :**

To spread awareness about Augmented Reality, **Akshit Chauhan, Roll No.-15007, from Department of Computer Science & Engineering, Dronacharya College of Engineering, Gurgaon** delivered a talk during a **two-day workshop on "Multi-Touch and Augmented Reality"** held from **5<sup>th</sup> to 6<sup>th</sup> September 2015** at **IIT-Hyderabad**, organized by "Infi-Zeal Technologies" in their technical fest "**nvision 2015**". The workshop was based on surface computing, human to computer interaction, touch technology and augmented reality. A total of 150 students from IIT Hyderabad and other colleges attended the workshop.



**Akshit Chauhan (15007) explaining about kinect XBOX 360 during the Workshop**



**Akshit Chauhan (15007) along with participating students**

### **Visit to the construction Site :**

The students of III Semester Civil Engineering Department of **Dronacharya College of Engineering, Gurgaon** visited the construction site of multi-storey building at Vrinda Country Homes Pvt. Ltd. Construction Site, Plot No. 712, Chattarpur, New Delhi on **7<sup>th</sup> September 2015**. The students were exposed to methods of construction of beams, columns and slabs. They also visited the nearby finishing construction site where the plastering and painting work was going on. Such visits not only make students acquainted of the current design methodologies but they are also exposed to the salient features of the project, safety requirements and precautions to be taken for various operations. Mr. Malasani GopiChand, Assistant Professor and Mr. Amit Kumar, Lab Instructor from Civil Engineering department accompanied with the students to the construction site.



## One Week ISTE STTP for coordinators workshop :

**Dr. Surender, Associate Professor**, Department of Applied Sciences and Humanities, Dronacharya College of Engineering, Gurgaon attended One Week ISTE STTP for Coordinators workshop on Engineering Physics National Mission on Education through ICT (MHRD, Govt. of India) conducted by IIT Mumbai from **7<sup>th</sup> to 11<sup>th</sup> September 2015**.

During the workshop, **Prof. Deepak B. Pathak**, Principal Investigator, and National Mission on Education through ICT (MHRD, Govt. of India) IIT Mumbai. He discussed on various methodologies adopted for enhancing engineering education. Prof, Pathak also discussed about flip lecture.

**Prof. Tomey Head of Department of Physics, IIT Bombay** discussed about **ASK QUESTION** website, which is the best place to ask and answer questions about development with Unity. He prescribed participants to check out the FAQ for more information. If you are a moderator, see our Moderator Guidelines page. Dr. Mukta Atrey & Mrs. Jaya Gaitonde told the ways in which the workshop organized in our intuitions and gives the necessary steps are used in the workshop and gave brief introduction about the software which are used in this workshop.



**Dr. Surender, Associate Professor, DCE, Gurgaon during the workshop**



**Dr. Surender along with other participants**

## A Seminar on How to Crack Coding Interviews :

**Department of Computer Science & Engineering, Dronacharya College of Engineering, Gurgaon** organised **a seminar on "How to Crack Coding Interview"** by **Mr. Kamal Rawat, Computer Scientist, Bodhn**: Meaningful Education, on **10<sup>th</sup> September 2015** at the College campus. The purpose of the seminar was to guide the students about Technical Interviews, held during placement processes. Fourth year students of all the Departments attended the session with full enthusiasm. During the seminar, Mr. Kamal Rawat, gave an introductory overview of different phases of placement drive by explaining the importance of each phase in getting a job. He also focussed on the core fundamental topics of C programming languages; questions on which are generally asked during the technical interview.



**Mr. Kamal Rawat Computer Scientist, Bodhn addressing the students during seminar**



**Fourth year Students from all Departments attending the seminar**



## Two Day workshop on PLC & Automation :

**Department of Electronics and Communication Engineering, Dronacharya College of Engineering, Gurgaon** organized a two-day workshop on "**PLC & Automation**" in association with **Siemens authorized Industrial Automation Training center ATC North** from **10<sup>th</sup> to 11<sup>th</sup> September 2015**. The workshop was inaugurated by Hon'ble Principal **Prof. (Dr.) B.M.K. Prasad**. Total **55 students of ECE V semester and VII semester** of our college participated in the workshop. This workshop program was designed to provide the technologically advanced concepts of PLC along with basics to aptly fit in the industry. Moreover, for the benefit of students and fraternity, an industrial exposure and hiring trends along with facts & figures of the industry were provided.



**Welcome of Guests by Hon'ble Principal Dr. B.M.K. Prasad**



**Group Photograph of Participants**

## Identify & Generate Winning Ideas By NEN :

To inspire, educate and support high potential entrepreneurs while driving entrepreneurship as a catalyst to create millions of high-value jobs, the **National Entrepreneurship Network (NEN) under the flagship of Wadhvani Foundations** organized a workshop on '**Identify And Generate Winning Ideas**' on **11<sup>th</sup> September 2015 at Birla Institute of Management & Technology, Greater Noida**. **Six students from Department of Computer Science & Engineering, Dronacharya College of Engineering, Gurgaon Anurag Vats (16029), Birender Singh Rawat (16043), Brijesh Aggarwal (16044), Dishant Passi (16056), Nitin Dagar (16106) and Nitin Yadav (16107)** along with four ECE Students, **Ashish (16200), Himanshu Shah (16220), Govind Raj (16212) and Devesh (16205)** attended the workshop. NEN builds institutional capacity for entrepreneur support and a robust entrepreneurial eco-system and was co-founded with IIT Bombay, IIM Ahmedabad, BITS Pilani, SP Jain Institute of Management and Research and the Institute of Bioinformatics and Applied Biotechnology. The students were encouraged and motivated a lot to pursue their entrepreneurial dreams. It gave them a clear insight of what all it requires to be an entrepreneur and to channelize their efforts in right directions to achieve the goals timely.



**Ms. Deepanjali Rao, Entrepreneur & founder of the DeePositive Foundation explaining about start-ups**



**Workshop in Progress**

## Industrial Visit to KIKI Center for Technology :

**Ms. Parul Bansal, Assistant Professor, Department of Electronics & Computer Engineering, along with 38 students from Departments of ECS, CSE, IT and EEE of Dronacharya College of Engineering, Gurgaon** visited the **KIKI Centre for Technology, IMT Manesar, Gurgaon** on **11<sup>th</sup> September 2015**. The visit was organized by DCE ISTE Student Chapter with the motive to give the students a glimpse and understanding of PLC programming and modelling. The Centre was established with the support of the World Bank Reflows Programme, the German Chamber of Skilled Crafts, Koblenz, Germany and Indian Industry. It is established under Anjali Foundation that focuses on developing skills with the support of German experts. It focuses on imparting high quality skill development based on the industry needs. The centre has industrial machinery, equipment and simulation laboratories. It was a very educative experience for the students. The visit helped them to learn about the present industry scenario and its demands. The session was very knowledgeable and the students got the opportunity to see live demonstrations of different simulations. The experts from the industry motivated the students to learn and enhance their technical skills.



**Students at Kiki Centre for Technology, IMT Manesar**



**Mr. Shridharan, Expert, Kiki Centre for Technology from KIKI Centre demonstrating an industrial model**

## Entrepreneurial Talk by Mr. Pulkit Gupta :

To motivate students for being a Job creator instead of Job seeker, **Entrepreneurship Development Cell of Dronacharya College of Engineering, Gurgaon in association with Asian Institute of Family Managed Business, Pune (AIFMB)** organized an **Expert Session on 11<sup>th</sup> September 2015**. The Guest of Honour was **Mr. Pulkit Gupta, Co-Founder and COO of EzSwyte Business Solutions (P) Ltd.** The session was attended by **25 students of Department of Computer Science & Engineering**. The Entrepreneurship Development Cell (ED-Cell) of Dronacharya College of Engineering, Gurgaon is collaborating with Asian Institute of Family Managed Business, Pune (AIFMB) Pune, Mumbai to promote first and second generation entrepreneurs. The session was very fruitful . Mr. Pulkit gave a feedback that the students were very enthusiastic, energetic and have a lot of potential; they just need proper guidance and mentoring. He talked to the students about their fears about entering the market and the uncertainties of this career option satisfying their inquisitiveness with his answers. He motivated students to follow their dreams and instilled confidence in them.



**Mr. Pulkit Gupta, Co-Founder & COO of EzSwyte Business Solutions (P) Ltd. interacting with the students**



**Students of the College attending the session**



## Workshop on Ethical Hacking and Information Security :

To spread cognizance about Information Security and latest attacks in Virtual World & Hacking, **Akshit Chauhan, Roll No.-15007, from Department of Computer Science & Engineering, Dronacharya College of Engineering, Gurgaon** piloted a two-day workshop on "Ethical Hacking and Information Security" from **September 12<sup>th</sup> -13<sup>th</sup> 2015 at Delhi Technological University, Delhi, organized by Infi-Zeal Technologies**. A total of 100 students from Delhi Technological University and Indraprastha Univeristy attended the workshop. Akshit Chauhan took the session on 'information security and its aspects'. He discussed about various types of hackers, hacker communities, basics of networking and some terminologies related to hacking and IT-Security.



**Akshit Chauhan, from CSE Department during the workshop**



**Students of DTU and IP University during the workshop**

## Leadearthship - TERI-GENPACT Youth Initiative :

"**LEADearthship**"- a youth initiative that aims at creating and empowering the next generation of youth leaders to contribute meaningfully to achieve sustainable development and play a proactive role in building a low carbon society was launched in 2013. **On 14<sup>th</sup> September 2015, phase III** launch of this leadership program was **organized by TERI and GENPACT at Lodhi Road**. Five students **Ayush Aggarwal (17033), Bharti Sehrawat (17036), Deepak Sharma (17043), Gaurav Pandey (17051) and Gautam Chutani (17053) from Department of Computer Science & Engineering, Dronacharya College of Engineering, Gurgaon** attended the programme. The event started with the welcome address by **Ms. Ranjana Saikia, Director, Educating youth for sustainable development, Tata Energy Research Institute (TERI)**. She gave a brief on the aim of **LEADearthSHIP** which is a platform for future youth leaders in India. This initiative is launched with the belief that young people of the country must be engaged in ideation, innovation and action, that would ensure an overall development of the nation. The students were motivated to have an insight of what roles they could play in nation building and were enthused to see young people of their age playing such vital leadership roles in different organizations.



**Leadership lecture by Mr. Anshu Gupta, founder-GOONJ**



**Group photograph of Panellists at the event**



## One Day Cisco Networking Workshop :

On the eve of Engineers Day, **Department of Computer Science & Engineering, Dronacharya College of Engineering, Gurgaon** organized a **one-day Cisco Networking Workshop by Network Bulls on 15<sup>th</sup> September 2015** at the College campus. **Sixty Students from Departments of CSE, IT, ECE and ECS** attended the workshop. The workshop was piloted by **Mr. Damanpreet Singh, Networking Trainer, Network Bulls**. During the inauguration ceremony, **Principal Prof. (Dr.) B. M. K. Prasad** delivered a motivational speech on Engineers' Day; wherein, he encouraged the students to be good engineers and serve the nation in every possible manner. Mr. Damanpreet Singh commenced the workshop by explaining the basics of networking terms. He discussed about the scope and career options in the field of networking. He categorized the fundamentals of the networking during the workshop and discussed about advantages of being in network centric world. Mr. Singh also elaborated about the benefits of being Cisco Certified Network Associate (CCNA). The workshop was very informative and interactive, and students actively prompted in the Q&A round.



**Principal Prof. (Dr.) B. M. K. Prasad and Mr. Damanpreet Singh, NT, Network Bulls receiving Bouquet**



**Mr. Damanpreet Singh, NT, Network Bulls along with Mr. Amar Saraswat, Asst. Prof., CSE & student coordinators**

## Project on Remote Control Internal Combustion Engine Car (RC Car) :

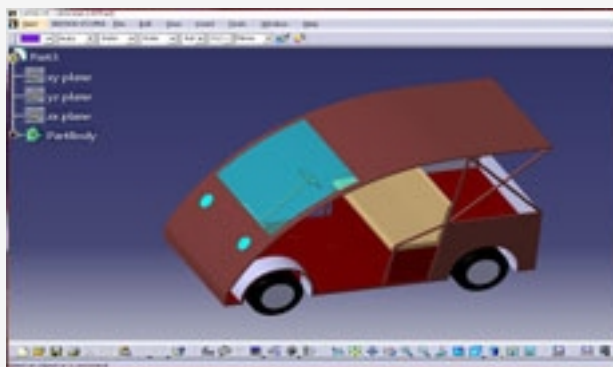
On **15<sup>th</sup> September 2015**, five students (**Nitin Kr. Rohila, Mridul Verma, Nikhil Kr. Lohia, Mohit Sahni and Nikhil Mehra**) from Mechanical Engineering Department of **Dronacharya College of Engineering, Gurgaon**, participated in KPIT Sparkle 2016 organized by KPIT Technologies limited. They were guided by Mr. Amit Bhatia, Assistant Professor, Mechanical Engineering Department. Their projects on RC engine cars have been of great interest to automobile engineers. The main advantage of the project is that the car has very less ground clearance which makes it possible for the machine to attain a high speed in very less time.



**Team of RC with their project**

## Project On “Golf Cart” :

On **15<sup>th</sup> September 2015**, five students (Mridul Verma, Mohit Sahni, Pramod, Siddhartha Chopra & Tarun), under the supervision of **Mr. Amit Bhatia**, Assistant Professor, from Mechanical Engineering Department of **Dronacharya College of Engineering, Gurgaon** demonstrated their technical project **"GOLF CART"** in KPIT Sparkle 2016 organized by KPIT Technologies Limited. Electric Golf cart is a four wheel eco-friendly vehicle. This vehicle is low in cost as compared to other petrol or diesel engine vehicles. Present golf carts can attain a speed ranging from 20kmph to 30kmph. Since this speed is a normal speed with which a person can go for shopping in local areas.



***Model of Golf Cart***

## Student's Speak :

I feel privileged to be part of the Dronacharya family. My perception about my **college** is that it has scaled the peaks of excellence and achievements. I will endeavor to sustain the same excellence after becoming an alumni of this great institution.



**V. Sai Anila**  
(Roll. No. 18562)

**Dronacharya College of Engineering** is a pioneering institution dedicated to the advancement of knowledge and excellence in professional education. The faculty of the Applied Sciences & Humanities Department are highly qualified, dedicated and ever willing to help the students. The college has a state-of-the-art library and well equipped labs, thereby providing an excellent learning environment to the students.



**Akshit Kohli**  
(Roll. No. 18200)

I am proud to be a student of **Dronacharya College of Engineering, Gurgaon**. The college is really a temple of learning with an excellent state-of-the-art Library housing a large number of titles and the latest books in various branches of Engg. The college provides very good infrastructure including wi-fi campus and good hostel facilities. Our HOD **Prof.(Dr.) Sri Krishan Yadav** always encourages us to participate in extra-curricular activities. He teaches us how to achieve better career with keeping standard



**Vertika**  
(Roll. No. 18181)