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Dronacharya College of Engineering

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ISSUE

Electrical & Electronics Engineering

In This Issue....

- Editor's Desk
- HOD's Desk
- Paper Presentation
- Paper Publications
- Workshop & Training Programs
- IEEE Activities
- Seminars/ Conference/ Talks Attended

- Industrial Visits
- Events Attended
- Project Competitions
- Sports
- Placements
- Students' Views

From Editor's Desk :

Climbing to the top demands strength, whether it is to the top of Mount Everest or to the top of your career.   --Dr. A.P.J. Abdul Kalam

To mount up in career and in life, students need to outdo themselves, pour countless hours into projects with an all-consuming passion giving shape to ideas. It is for this progressive growth of the young sprouts the -future engineers- that Dronacharya offers its students, at every step of their academic or professional careers, opportunities to innovate, explore and branch out into full grown trees with the capability to stand unflinching.

These sustained efforts of our students in designing not only their own future but also of society at large and the continued support of the Dronacharya fraternity in managing the growth of its students to be national leaders in niche areas form the matrix of this issue of our newsletter. Simply put a chronicle of our efforts in engineering the tomorrow.

We are about to embark on these career building experiences and I hope you enjoy the present issue of our newsletter.

Editor, (Dr. Suchitra Deswal)

From HOD's Desk :

Since 1991, the Indian economy has progressed by leaps and bounds due to the innovative policies adopted by our country. The augmentation of Indian industries along with a plethora of MNCs setting up in India has led to an exponential growth. However, this has also created a rise in the demand for a pool of professionally qualified talent. The Engineering sector witnessed the fastest surge not only in terms of introduction of new and sophisticated state-of-art products but also in the field of research and development.

To cater to the needs of the industries and the corporate world, Department of Electrical and Electronics Engineering lays emphasis on the best preparation and training of each student; incorporating and implementing quality enhancement practices in all its activities. Core courses and electives are being taught which cover diverse knowledge segments. A variety of learning methods and pedagogical tools are incorporated in the teaching-learning process, making the process fully interactive. Students are encouraged to participate in a range of activities, workshops, seminars, conferences etc. to enhance their confidence. The Department laboratories are periodically updated and equipped with the latest equipments so that students make the best use of the facilities provided to them.

The department ceaselessly strives for the overall personality development of the students with an aim to shape them out, not only into good technocrats but also very good individuals having excellent moral and ethical values; a determined will to contribute to the society after completion of their education and resilience to take the nation to exceptional heights.

I am reminded of the words of **Hon'ble** Ex-President of India, **Dr. APJ Abdul Kalam, "If youth can do it, nations can do it and the world can do it".**

Head of Department, Prof. (Dr.) K. K. Singh

Paper Presentations :

Paper presentation in IEEE conference on computational Intelligence & communicational Technology (ICCICT 2015) :

Three students **Nitigya Grover (15724), Neelima Saini (15723)** and **Nitin Garg (15725)** and a faculty member, **Ms. Chandra Mukherjee, Assistant Professor** from Department of Electronics & Computer Engineering, **Dronacharya College of Engineering, Gurgaon** presented a research paper titled **"Analysis and Evaluation of Wireless Communication in Industrial Automation"** in IEEE Conference On Computational Intelligence & Communication Technology (ICCICT 2015) held at ABES Engineering College, Ghaziabad on **13th** and **14th Feb 2015**.

Ms. Pratibha Bharti, Assistant Professor, Department of Electrical & Electronics Engineering, and two B. Tech. Students named **Komal Yadav** and **Nishi Parmar** of **first year I.T Branch** of the College also presented a research paper titled **Analysis of Noise Abatement Major Source of Pollution: Technical Remedies** in the **IEEE International Conference.** The paper was published in the proceedings of the conference.

Fcaulty Members & Students from ECE Dept. with the dignitaries during the event

Faculty Members & Students from ECE Dept. At the Conference Venue

Paper Presented in IEEE International Conference on Signal Processing and Integrated Networks (SPIN-2015) :

Ms. Pratibha Bharti, Assistant Professor, **Department of Electrical & Electronics Engineering, Dronacharya College of Engineering, Gurgaon** presented a research paper in **IEEE International Conference on Signal Processing and Integrated Networks (Spin-2015)** held from **19th-20th February 2015** at Amity University, Noida**.** She presented a research paper titled **A Hybrid PAPR Reduction Technique based on Wavelet & PTS Scheme in OFDM System Using QPSK Modulator**.

Ongoing Session of the Conference

Participation in colloquium-THE GREEN TECH, Amity Youth Fest-2015 :

Tushar Jain (16875), **Ramkesh Sharma (**16860) students from **Department of Electrical and Electronics Engineering, Dronacharya College of Engineering, Gurgaon** attended a **Colloquium-THE GREEN TECH, Amity Youth Fest-2015** on **14th February 2015**. The topic of their presentation was **"WIRELESS POWER TRANSFER"** which is basically based on the air core coupling concept. The program was all about the new innovative techniques which can be helpful in reducing the consumption of the fossil fuel.

Student, EEE Dept. giving his presentation during the Colloquium

Student, EEE Dept. Answering queries after his presentation

Panel Discussion on "Make in India" :

Mr. Chander Shekhar Singh, Associate Professor, Department of Electrical & Electronics Engineering; **Mr. Amar Saraswat,** Assistant Professor and **Ms. Pankti Brar**, Assistant Professor, Department of Computer Science & Engineering; **Ms. Priyanka Mahani** Assistant Professor, Department of Electronics & Computer Engineering, from **Dronacharya College of Engineering, Gurgaon** attended a **Panel Discussion on "Make in India"** organized by **Computer Society of India (CSI), Delhi Chapter** on **16th February 2015** at **India International Centre Annexe, Lodhi Road, New Delhi** from 6 pm to 9 pm. The panel discussed about the international marketing strategy to attract investments from businesses around the world and for strengthening India's manufacturing sector. The chief guest of the event was **Dr. Ajay Kumar, IAS, Joint Secretary & Director General, NIC.** The Panel discussion was presided by **Shri. Hari Mohan, President CSI.**

Core Members of Computer Society of
India (CSI)

Faculty Members from the College with
Shri Hari Mohan, President, CSI

Paper Presented in International Conference on Quality Management Practices for Global Excellence :

Ms. Varsha Shrivastava, Department of Applied Science & Humanities, **Dronacharya College of Engineering, Gurgaon** presented paper titled **"Make a Website at higher raking in search using search engine optimization technique"** in a Two-day **International conference** on **Quality Management Practices for Global Excellence** at Prestige Institute of Management & Research, Indore (M.P) held from **30ᵗʰ-31ˢᵗ January 2015**. Selected research papers were published in **"ABHIGYAN"** Souvenir released on the occasion of this conference.

Ms. Varsha Shrivastava, Assst. Prof., Dept. Of
APS&H presenting her paper during the Conference

Ms. Varsha Shrivastava at the Venue

Paper Presentation in National Conference on Land slides :

Prof. (Dr.) Anand Verdhan, Department of Civil Engineering, Dronacharya College of Engineering, Gurgaon presented a paper on **Rain Induced Landslide Mitigation through Technological Intercession** in **National Conference on Land Slides (LAMAMIS-2015) from 5ᵗʰ-6ᵗʰ February 2015 at DTRL, DRDO, Metcalf House, Delhi**.

Paper Presentation in International Conference on "Applied Sciences, Environmental Engineering & Energy Technology for Sustainable Development (ASET- 2015) :

Prof. (Dr.) R.C. Sharma, Department of Applied Sciences & Humanities, **Dronacharya College of Engineering Gurgaon** presented a research paper on the topic **Observational and Analysis Techniques for Studying the Ionosphere-a precursor Zone for Detection of Earthquakes** in **International Conference on "Applied Sciences, Environmental Engineering and Energy Technology for Sustainable Development (ASET-2015)"** organized at **Jawaharlal Nehru University, New Delhi** from **14ᵗʰ - 15ᵗʰ February 2015.**

Prof. (Dr.) R.C. Sharma, Dept. of APS&H presenting his Paper during the Conference

Prof. (Dr.) R.C. Sharma Chairing 2nd Technical Session of the International Conference

Paper Publications :

2nd International Conference on Computing for Sustainable Global Development (INDICOM-2015) :

A paper titled **Change Detection from Remotely Sensed Images Based on a Decision Theoretic Method** by Ms. Akansha Singh, **Dr. Krishna Kant Singh (HOD, EEE Dept. DCE, Gurgaon)** and Ms. Zhikun Ren was published in the proceedings of **2nd International Conference on Computing for Sustainable Global Development (INDIACOM-2015)** sponsored by **IEEE, Delhi Section** at **Bharati Vidyapeeth, New Delhi (INDIA).**

Paper Published in Natural Hazards, Springer Journal(2015) :

 A Paper titled "Detection of Tsunami-induced Changes using Generalized Improved Fuzzy Radial Basis Function Neural Network" by Mehrotra, A., **Singh, K. K. (HOD, EEE Dept. DCE, Gurgaon)**, Nigam, M. J., & Pal, K. was published in *Natural Hazards*, **Springer Journal (2015), 1-15 with SCI indexed Impact Factor: 1.95.**

Workshops & Training Programs Attended :

Workshop on Industrial Automation using PLC & SCADA :

Department of Electrical & Electronics Engineering, Dronacharya College of Engineering, Gurgaon in association with **CETPA Infotech Pvt. Ltd.** organized a **Two-day Workshop on "Industrial Automation Using PLC & SCADA"** from **20th-21st February 2015**. The objective of this workshop was to provide project and technology assistance to the students.

The workshop was designed as per market survey to provide the technologically advanced concepts along with basics to aptly fit in the hectic semester schedule. Moreover, for the benefit of student fraternity, an Industrial exposure and knowledge of hiring trends along with facts & figures of the industry was provided. More than **50 students and faculty members from the department** actively participated in the workshop and query session. The students got an opportunity to learn and interact with **dedicated and experienced experts** of the Organization.

Faculty Members of the College at the Workshop

Students (EEE Dept.) during Lab. Session

IEEE Technical Activities Volunteer Workshops :

*Prof (Dr.) K. K Singh, Head, De*partment of Electrical & Electronics and *Prof (Mrs.) A.N. Mahajan*, Department of Electronics & Communication Engineering, *Dronacharya College of Engineering, Gurgaon* attended an "*IEEE Technical Activities Volunteer Workshop"* on *19th January 2015* at hotel *Hyatt Regency, New Delhi. T*he main objective of the workshop was to spread technical knowledge through various technical societies, communities, councils, journals, conferences, and periodicals etc. The workshop focussed on communicating the rules and protocols regarding workshops, conferences, competitions and other IEEE activities to all the IEEE volunteers in India, so that the standard of IEEE activities is maintained.

IEEE Workshop Registration in progress

Dr. Jacek M. Zurada, VP Techinical Activities, (FIEEE) delivering his talk during the Workshop

One Day Certification Boot Camp on Microsoft Excel :

One-day Certification "*Boot Camp on Microsoft Excel" on 23rd January 2015* was organized by *Applied Sciences & Humanities Department, Dronacharya College of Engineering, Gurgaon* for the first Year B. Tech students. *Mr. Pankaj Prasad,* trainer- guide and software associate from *Cyber Learning, Gurgaon* conducted the workshop. Mr. Pankaj is also a renowned Excel-2010 Champion for the year 2012.

Dr. Jitender Yadav, Academic Adminstrator &
Dr. S.K. Yadav, Head Dept. Of Ap.Sc. & Hum.,
during the Workshop

Mr. Pankaj Prasad from Cyber Learning, GGN
during the Workshop

One Day Presentation on "Bentley Academic Bundle" :

Department of Civil Engineering, Dronacharya College of Engineering, Gurgaon organized a One-day presentation on *Bentley Academic Bundle* on *30th Jan 2015* for *6th Semester Students.* The event was exclusively designed for institutional purpose. *Mr. Ranjeet Singh*, Marketing Executive from CETPA Infotech Private Ltd. and *Mr. Rakesh Barthwal,* from Marketing Department, Advance Educare Training Pvt. Ltd. gave knowledgeable presentations on Bentley Academic Bundle.

Mr. Ranjeet Singh, Marketing Executive from
CETPA Infotech Pvt. Ltd giving presentation

Orientation program on Solid Works :

Department of Civil Engineering, Dronacharya College of Engineering, Gurgaon organized a One-day *Orientation Program on Solid Works* for Civil Engineering Students on *12th February 2015*. The program was conducted by *Drona Dynamics,* a registered company owned by IIT Delhi Students headed by *Mr. Saumya Mathur*. They delivered a presentation on the news inventories provided to them by some standard companies as project.

IIT Delhi students from 'Drona Dynamics'
giving Presentation

EDC Cell E-Week @ School :

EDC Cell of *Dronacharya College of Engineering, Gurgaon* celebrated the *E-Week@Schools* from *14th - 21st February 2015* to promote Entrepreneurship skills amongst school students. The workshops were conducted by *E-leaders* of the College *Shivansh Mudgil (15099), Anurag Vats (16029), Surbhi Bhardwaj (15103), Komal Chauhan (15072), Dishant Passi (16056) and Utkarsh Chadda (17163)*. The schools visited during the celebration were *Dronacharya Sr. Sec. School, Farrukhnagar and Hindu Rao School, Farrukhnagar* on 14th February 2015; *Oxford Public School, Farrukhnagar and Royal Public School, Wazirpur, Gurgaon* on 16th February 2015; *Cambridge Sr. Sec. School, Farrukhnagar and CCS School, Farrukhnagar* on 17th February 2015; *Govt. Girls School, Farrukhnagar and Govt. High School, Farrukhnagar* on 18th February 2015; *Navyug Sr. Sec. School, New Delhi and New Saraswati Public School, New Delhi* on 19th February 2015; and *Arya Public School, New Delhi and Nathani International School, New Delhi* on 21th February 2015.

E-Leaders from the College interacting with School Students

School Students participating in Idea Generation Activity

Autosparx 2.0 Workshop on Automobile Engineering and Aquamisile Competition :

Six students Virender (15424), Vikas (15411), Vikash (15417), Vikas Yadav (15413), Rahul (15940), Yogesh (15430) *of 6th semester Mechanical Engineering Branch, Dronacharya College of Engineering, Gurgaon* participated in *Autosparx 2.0 Workshop on Automobile Engineering and Aquamisile Competition* held from *18th to 24th February 2015 at IIT, Jodhpur.*

Two-Day Workshop on "Ethical Hacking & Cyber Forensic" :

Twelve students from Department of Computer Science & Engineering, Dronacharya College of Engineering, Gurgaon participated in a two-day *Workshop on "Ethical Hacking & Cyber Forensic"* organized by IEEE Hamdard Student Branch from *31st January to 1st February 2015* at *Jamia Hamdard University, New Delhi*. Two students of the College *Piyush Pandey* (16112) and *Pankaj Mishra* (16111) got an Appreciation Letter and an *opportunity for Internship Training Program and Project Based Summer Training without any charges at ByteCode Cyber Security Private Limited, Delhi. Bytecode* is IT certification and training company and an authorized training centre of EC-Council. Piyush and Pankaj won the Quiz Competition, which was scheduled at the end of workshop. They were also awarded *Bytecode Certified Security Expert Certificates,* by *Mr Mohit Yadav, Managing Director, BCSPL.*

Pankaj Mishra(16111)
Student of CSE Dept.

Piyush Pandey(16112)
Student of CSE Dept.

Workshop on Cyber Security and Pen Testing :

Five students from VI Semester and seven students from IV Semester from Department of Computer Science & Engineering, *Dronacharya College of Engineering, Gurgaon* attended a *Workshop on "Cyber Security & Pen Testing"* organized by *IEEE GTBIT Student Branch* on *13th February 2015* at *GTBIT, New Delhi*. The Speaker of the workshop was *Mr. Vivek Malik, GTBIT alumni, Chairperson of IEEE GTBIT student Branch*. His research area is Intrusion "Detection and Digital Fingerprinting".

Mr. Vivek Malik, GTBIT Alumni & Chairperson of IEEE GTBIT student Branch addressing the Delegates

Students of CSE Dept. at the Venue

CSE Students at the CompetitionVenue

CSE Students with their certificates

IEEE Activities :

Personality Development Workshop :

Four **IEEE DCE, Gurgaon Students** delivered motivational lectures to 9th class students (100 students) during a **Personality Development Workshop** organized at **J.D. Tytler School, Munirka, New Delhi** on **23th January 2015**. They also conducted a few activities for personality development. This workshop proved very useful as the school students could learn the tips for team work, leadership qualities & verbal communication skills from our students.

Robotics Workshops :

A **Robotics Workshop** was conducted by **IEEE DTU Student Branch** for second year **ECE, EEE, ECS, CSE & IT** branch students of **Dronacharya College of Engineering, Gurgaon** on **28th January 2015** at **DCE, Gurgaon** campus. Four students from IEEE DTU Student Branch delivered a lecture and gave demonstrations for a few Robotics Projects to the students. The DTU students also answered various queries regarding the basics of the Robotics.

Robotics Workshop in progress

IEEE DTU Students delivering talk on electrical components

IEEE Lecture on "Issue associated with implementation of embedded Generation and Microgrids" :

Ms. Parul Bansal, Mrs. Poonam Yadav and **Ms. Poonam** (M. Tech. Research Scholar) from **Department of Electronics & Computer Engineering, Dronacharya College of Engineering, Gurgaon** attended an **IEEE Lecture on "Issues Associated with Implementation of Embedded Generation and Microgrids"** held at **Jamia Millia Islamia, New Delhi** on **30th January 2015.** The lecture was organized by **IEEE-JMI** and sponsored by **IEEE PELS-IES Delhi Chapter.**

Prof. Akhtar Kalam, Victoria University delivering his lecture

Mrs. Poonam Yadav and Ms. Parul Bansal from ECS Dept. with the speaker and other participants at the event

Seminars/ Conference/ Talks Attended :

Conference On "Smart Urbanization" :

Prof. (Dr.) R.C. Sharma, Department of Applied Science & Humanities and **Prof. Dinesh Vats,** Department of Civil Engineering, **Dronacharya College of Engineering, Gurgaon** attended a conference on **"Smart Urbanization"** organized by **Confederation of Indian Economy (CII) at Hotel Leela Ambience, Gurgaon on 5th February 2015.**

Prof. (Dr.) R. C. Sharma (APS&H Dept.)
& Prof. Dinesh Vats, (CE Dept.)
in discussion during CII Conference on
Smart Urbanization

One Day Seminar on Cellular Energy Consumption :

Four students Arjit Rawat, Viplove Kumar, Abhishek Kumar, Ujjwal Kumar from **Department of Electrical & Electronics, Dronacharya College of Engineering, Gurgaon** attended a One-day **Seminar on "Cellular Energy Consumption"** at **Bharti School of Telecommunication & Management, IIT Delhi** on **13th February 2015**. The key speaker at the seminar was **Prof. Vijay Bhargava** from **Department of Electrical and Computer Engineering at the University of British Columbia**.

Students from Department of Electrical
& Electronics Engineering during the
Seminar

"A Talk By Prof. Vijay K. Bhargava" at IIT Delhi, Hauz Khas :

Three students Himanshi Lamba (15036), Kumar Gaurav (15051) and Lakshay Gupta (15052) from *Department of Computer Science & Engineering, Dronacharya College of Engineering, Gurgaon* attended *"A Talk by Prof. Vijay K. Bhargava"* organized by *IEEE Communications Society (ComSoc)*, Delhi Chapter at *IIT Delhi, Hauz Khas, New Delhi on 16th February 2015*. The Speaker, Mr. Vijay Bhargava, a Professor in the Department of Electrical and Computer Engineering at the University of British Columbia in Vancouver delivered a lecture on the topic *Evolving Fifth Generation Cellular Networks: an Energy-Efficient Perspective.* He presented the existing scenario on energy consumption in base stations and introduced energy-efficient research approaches for different types of system and network architectures of 5G.
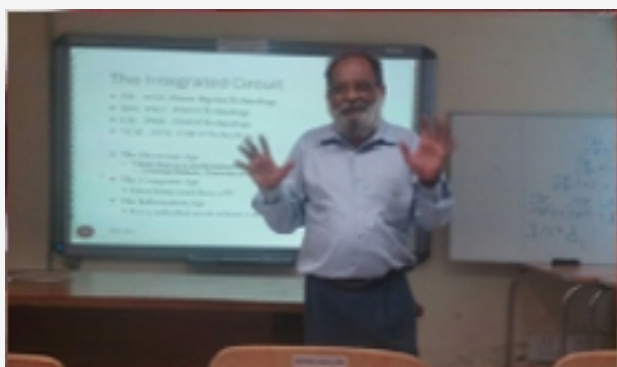

Prof. Vijay K. Bhargava, Speaker at the eventdelivering his talk

Students of CSE Dept. at IIT, Delhi

"A Talk By Prof. Dipankar Nagchoudhuri" at IIT Delhi, Hauz Khas :

Five students Himanshi Lamba (15036), Lakshay Gupta (15052), Shubham Chhabra (16150), Sahil Bali (16140) and Piyush Pandey (16112) from *Department of Computer Science & Engineering, Dronacharya College of Engineering, Gurgaon* attended *"A Talk by Prof. Dipankar Nagchoudhuri" at IIT Delhi, Hauz Khas, New Delhi* on *20th February 2015*. The lecture was organized by the IEEE CAS-CS Delhi Section. Prof. Dipankar Nagchoudhuri is working at DA-IICT. The lecture was very knowledgeable and engaging.

Prof. Dipankar Nagchoudhuri, **DA-IICT** *during his Lecture*

Students of CSE Dept. at IIT, Delhi

Motivational Talk By Mr. Sandeep Ghai, Global Manager, Aon Hewitt :

Department of Electronics & Communication Engineering, Dronacharya College of Engineering, Gurgaon organized a *motivational talk by Mr. Sandeep Ghai, Global Manager, AON Hewitt* for *6th semester students* on *30th January 2015* at the college campus. Mr. Sandeep explained about the current scenario of the industry. He talked about *"how to express yourself"* and about different techniques and steps to communicate with others. He also gave tips for effective communication, group discussion and personality development.

Motivatinal Talk on "CAREER OPPORTUNITIES IN INDIAN AIR FORCE" :

Sqn. Ldr. Jitesh Kumar from Air Force Station, Rajokri, New Delhi visited **Dronacharya College of Engineering, Gurgaon** on **4ᵗʰ February 2015** for delivering a motivational lecture to the III-year B. Tech. students on **"CAREER OPPORTUNITIES IN INDIAN AIR FORCE".** Sqn. Ldr. Jitesh Kumar had been deputed by Air HQ (Vayu Bhawan), New Delhi. He consented for this inspirational talk in response of a request by the institute to give a motivational talk to the budding engineers of all branches, who aspire to join Air Force/Defence Services. He highlighted the career prospects in Indian Air Force. Two lecture sessions of an hour was conducted in the College Auditorium.

One Day Seminar on "Corporate Academic Collaboration with C3 Services" :

A One-day seminar was organized by **Department of Computer Science & Engineering, Dronacharya College of Engineering, Gurgaon** on **"Corporate Academic Collaboration with C3 Services"** on **10ᵗʰ February 2015** conducted by C3 Team. The objective of the seminar was to facilitate transformation of Indian youth into players of global repute by bridging the gap between education and employment. C3 team shared its experiences with students, providing them real-time practice and in turn polishing their skills and explained comprehensive programs for students to build a skill-set necessary to excel in professional lives and emerge as being the top choices for prospective employers.

Mr. Ashit Kumar from C3 Services Giving a Presentation during the Seminar

CSE Students Attending the Seminar

Industrials Visits :

Industrial Visit to Panasonic PLC & SCADA at CETPA Infotech Pvt. Ltd., Noida :

Fifty two students of IV & VI Semester from **Department of Electrical & Electronics, Dronacharya College of Engineering, Gurgaon** accompanied by two faculty members **Mr. Chandra Shekhar Singh, Associate Professor** and **Mr. Mahipal B., Assistant Professor** attended a **Workshop cum Industrial visit to Panasonic PLCs & SCADA at CETPA Infotech Pvt. Ltd.,** Noida on **27ᵗʰ January 2015.**

Faculty Members & Students from Dept. of EEE at CETPA Infotech Pvt. Ltd. Noida

A view of the CETPA Infotech Pvt. Ltd., Noida

Industrial Visit to Enrich Agro Food Products Pvt. Ltd. :

A group of **34 students** along with faculty coordinator **Mrs. Akanksha Kulshreshtha** from **Department of Electronics & Computer Engineering, Dronacharya College of Engineering, Gurgaon** visited **Enrich Agro Food Products Pvt. Ltd.** located at Udyog Vihar, Phase-II, Gurgaon on **30th January 2015.** This company deals with manufacturing and packing of soft drinks mainly coco-cola. Students visited the whole plant and administration area. Mr. Shekhar and Mr. Dev from the company took an introductory session to make the students aware about the functioning of the company.

Ms. Akanksha Kulshreshtha (Asst. Prof., ECS Dept & Students with Mr. Shekhar from Coco-Cola

Group Photograph of Faculty Members & Students of the College with Officers

Industrial Visit to ITTM, Delhi :

IV-Semester students of Department of Electronics and Communication Engineering, Dronacharya College of Engineering, Gurgaon visited **ITTM, Delhi** on **9th & 10th February 2015**. ITTM is a state-of-art training centre of MTNL, Delhi engaged in imparting induction training and short-duration training to its officers and employees in the field of Telecom, IT, Computer systems and Management. The field exposure at MTNL is unique since no other Company can match the infrastructure of MTNL and the visit was very beneficial and informative for the students.

ECE Students at ITTM, MTNL

ECE Students at Switching Lab., ITTM, MTNL

Industrial Visit to National Small Industries Corporation Limited (NSIC):

An **Industrial visit to National Small Industries Corporation (NSIC)** was organized by **Department of Computer Science & Engineering, Dronacharya College of Engineering, Gurgaon** on **11th February 2015. National Small Industries Corporation Limited** (**NSIC**) is a PSU established by the Government of India in 1955. National Small Industries Corporation Ltd. (NSIC) is an ISO 9001-2008 certified Government of India Enterprise under Ministry of Micro, Small and Medium Enterprises (MSME).

Students of CSE Dept. Watching an Informative Video at NSIC

Mr. Abdul, from NSIC giving a lecture

Industrial Visit to Yakult Danone India Pvt. Ltd. Sonepat :

Department of Computer Science & Engineering, Dronacharya College of Engineering, Gurgaon organized an **Industrial visit to "Yakult Danone India Pvt Ltd"**, Sonepat on **16th February 2015**. Faculty in-charge **Mr. Tanupriya Choudhury, Assistant Professor** accompanied a total of **43 students of the Department** to the company. The visit was very informative and beneficial.

Students of CSE Dept. at Yakult Danone India Pvt. Ltd.

Mr. Vikas fromYakult explaining about the processes at Yakult

Visit To Om Shanti Retreat Center :

A group of **51 students** from **Department of Electronics & Computer Engineering** and **Department of Information Technology & Department of Computer Science & Engineering** along with faculty coordinator **Mrs. Akanksha Kulshreshtha,** Assistant Professor from **Dronacharya College of Engineering, Gurgaon visited Om Shanti Retreat Centre, Pataudi Road, Gurgaon on 20th February 2015.** Students were given a glimpse of the infrastructure by Mr. Shabir Ali, instructor, and were informed about the complete working of the conversion of solar energy and its application in the centre.

Om Shanti Retreat Centre, Gurgaon

Internal Ambience of Om Shanti Retreat Centre, Gurgaon

Mr. Shabir from Om Shanti Retreat Centre, GGN explaining the PV module for electricity generation

Group photograph of faculty members & Students with Mr. Shabir at Om Shanti Retreat Centre, GGN

Events Attended :

Live TV Show on "Women Rock - IT", at Shaheed Rajguru College of Applied Sciences, New Delhi :

Ms Maneela Tuteja, Assistant Professor**,** Department of Information Technology and **Ms. Sarita,** Assistant Professor, Department of Computer Science & Engineering along with **49 girl students from Dronacharya College of Engineering, Gurgaon** attended a **Live TV show on "Women Rock- IT,"** at **Shaheed Rajguru College of Applied Sciences for Women, Vasundhra Enclave, New Delhi on 5th February 2015**. The event was organized by Shaheed Rajguru College of Applied Sciences for Women **in collaboration with Cisco Networking Academy**. The Speaker of the seminar, **Mr. Janet Ramey, Vice President, Technical Services**, talked about the perks of being a women in the IT industry, as well as the opportunities available for women in this field.

Panel discussion being held after the Live TV Series

Students of CSE Dept. At Shaheed Rajguru College, New Delhi

AdClass Session - 1 :

Adclass is an interactive class to introduce students to online marketing using Google's platform. The first *Ad Class Session* of the series was organized on *6th February 2015* by the *Google Student Club* of *Dronacharya College of Engineering, Gurgaon* by *Shivansh Mudgil, Google Student Ambassador-DCE, Gurgaon & Google Online Marketing Lab Alumni*. The primary objective of the AdClass Series is to expose students to online marketing and the influence of social media branding in businesses in order to get them motivated to take the Adwords Exam and participate in Google Online Marketing Challenge in the coming edition achieving good quality results. This also enables local businesses to be able to come online during the competition period.

Students with Shivansh Mudgil, Google Student Ambassador-DCE, Gurgaon

Participants at AdClass Session-1 & Google Online Marketing Lab

Launch of Wadhawani Center of Excellence at Birla Institute of Managment & Technology (BIMTECH) :

Mr. Amar Saraswat, Assistant Professor, Department of Computer Science & Engineering represented *Dronacharya College of Engineering, Gurgaon* at the launch of *Wadhwani Centre of Excellence at Birla Institute of Management and Technology (BIMTECH), Greater Noida Campus* on *7th February 2015.* The Centre was launched with a vision to accelerate and scale up the creation of entrepreneur & support community entrepreneurs.

Mr. Amar Saraswat with Mr. Rajeev Dudi, Entrepreneurship   Consultant, NEN

Mr. Ajay Goel, V.P. Wadhwani inaugurating the festival "Udhyami"

"Google Cloud From Zero to Hero"- a hands on session :

Google Cloud Platform lets us build and host applications and websites, store data, and analyze data on Google's scalable infrastructure. To give practical hands-on, GDG organized *"Google Cloud - From Zero to Hero," a hands-on session* on Google Cloud platform *on 8th February 2015* by *Shivansh Mudgil, Google Student Ambassador* from *Dronacharya College of Engineering, Gurgaon*. The event was conducted at *91 Springboard, Gurgaon and had about 50 participants* who attended the event to learn the basics of Google Cloud platform and develop for the same. The resource person for the event was *Mr. Vikram Tiwari, Google Cloud expert from GDG, New Delhi.*

Shivansh Mudgil, GSA of the College at venue

Google Cloud-From Zero to Hero, a hands-on session as depicted in the Poster of the Event

28th Foundation Day of Technology Information, Forecasting and Assessment Council (TIFAC) :

Ms. Pankti Brar, Assistant Professor, Department of Computer Science & Engineering*, Ms. Parul Bansal*, Assistant Professor, Department of Electronics & Computer Engineering   along with *five students of CSE* (Parveen Rohilla, Puneet Gulati, Paras Thakral, Ayush Bansal, Abhishek Nehra) and *five students of ECS* (Gaurav Verma, Kinshuk Dudeja, Mayank Kaushal, Neha, Sonia) from *Dronacharya College of Engineering, Gurgaon* attended the *28th Foundation Day of Technology Information, Forecasting and Assessment Council (TIFAC)* on *10th February 2015* at *New Delhi*. The program started with a glimpse of TIFAC activities by Prof. Prabhat Ranjan, Executive Director, TIFAC. TIFAC actually is a foresight with Impact.

Release of TIFAC Reports on the Occasion of 28th Foundation day of TIFAC

Ms. Pankti Brar, Asst. Prof., CSE Dept.students of CSE Dept. at TIFAC

Ms. Parul Bansal, Asst. Prof. & Students of ECS Dept. at TIFAC

"Implementing a mobile-first enterprise device strategy IT campus by" - Microsoft :

Ms. Sarita, Assistant Professor, Department of Computer Science & Engineering(CSE), **Ms. Poonam Yadav**, Assistant Professor, Department of Electronics & Computer Engineering(ECS), **along with 3 students (Kinshuk, Mayank and Neelima Saini)** from ECS Department *of* **Dronacharya College of Engineering, Gurgaon** attended a camp on *"**Implementing a mobile - first enterprise device strategy IT camps" by Microsoft** at **Radisson Blue Hotel, New Delhi** held on **12th February 2015**. Ms Pracheta Budhwar, Technology Evangelist at Microsoft Corporation India Pvt. Ltd. & Mr Ninad from the corporation were the speaker of the Microsoft IT camp.

Faculty Members & Students of ECS Dept. at the IT Camp

Faculty members Ms. Sarita, CSE Dept., & Ms. Poonam, ECS Dept., during the event

English Poem Recitation Competition during Tech - Fest (AYF), at Amity University :

Two students Shweta Popli and Zeba Khan of **Department of Computer Science & Engineering, Dronacharya College of Engineering, Gurgaon** participated in **English Poem Recitation Competition** held during **Tech-Fest (AYF)**, at Amity University on **14th February 2015**. The lamp lighting ceremony was conducted by Ms. K. Bhalla. The participants were given time to recite the poem in 2-4 minutes. The judgment was given on the basis of originality, artistic creation and narration. The students from different states like Kerala, Uttar Pradesh etc. participated in the competition. **Shweta Popli from Department of Computer Science & Engineering got 1st prize** in English Poem Recitation Competition.

Lamp lighting Ceremony during Tech-Fest (AYF)

Shweta Popli and Zeba Khan, students of Dronacharya College of Engineering, Gurgaon with judges Ms. Roshi Jolly and Ms. Shelly Dabra

National Creativity Aptitude Test (NCAT) 2015 :

The 1st round of the **National Creativity Aptitude Test (NCAT) 2015** organized by **International Forum for Excellence in Higher Education (IFEHE)** was conducted at **Dronacharya College of Engineering, Gurgaon** on **14th February 2015.** A total of **110 students** from all branches appeared for the exam.

Students of different Branches appearing for NCAT 2015

AdClass Sesion - 2 :

The **Second AdClass Session** of the series was organized on **18th February 2015** by **Google Student Club of Dronacharya College of Engineering, Gurgaon**. The aim of the session was to introduce students to Online Marketing using Google's platform, such as AdWords, AdSense, Admob and Analytics. The session was conducted by **Shivansh Mudgil, Google Student Ambassador-DCE, Gurgaon & Google Online Marketing Lab Alumni.** Successful participation in GOMC will help the students in having a better chance for being invited to Online Marketing Lab Edition. Adclass provides free training material that offers comprehensive content specifically in Google AdWords Fundamentals and essential online marketing tools, guidelines for AdSense, Analytics, etc.

Participants with Shivansh Mudgil Google Student Ambassador-DCE, Gurgaon & Google Online Marketing Lab Alumni

Participants at AdClass Session 2

Twelve-day NSS Mega Camp Organized by Ministry of Youth Affairs :

Four NSS Volunteers Vishal Phogat, Prashant, Paras Thakral, Sahil from **Dronacharya College of Engineering, Gurgaon** participated in a **Twelve-day NSS Mega Camp** organized by **Ministry of Youth Affairs, Entrepreneurship, Skill Development and Sports and the NSS Regional Centre**, **Assam** from **19th to 30th January 2015**. The NSS Mega Camp was held at two venues Majuli College and Dibrugragh.

State wise Performance Given by NSS Volunteers at the NSS Camp

Sahil, CSE 6th Semester Student during NSS Mega Camp

EDC Cell- E-Week 2015 :

The **Entrepreneurship Development Cell (EDC) of Dronacharya College of Engineering, Gurgaon** celebrated **E-Week 2015** from **14th-20th February 2015** to promote entrepreneurship skills among students. In the presence of **Principal, Prof. B M K Prasad and Head of all Departments, E-Leaders**- **Shivansh Mudgil, Komal Chauhan and Anurag Vats** stated the objectives of the event. The event commenced with brief introduction to Entrepreneurship, National Entrepreneurship Network (NEN) and E-Week objectives by **Ms. Pratibha Sharma,** Assistant Professor, Department of Computer Science & Engineering of the College. The event was very informative and interactive.

Students Appearing for GET (General Enterprise Tendency) Test

Students Presenting their Ideas during the event

Sports :

Gold Medal in National Rural Center Games Championship in JUDO Event :

Ms. Mamta Devi, VIII semester student of Department of Computer Science & Engineering, Dronacharya College of Engineering, Gurgaon *won Gold Medal* in *National Rural Centre Games Championship* in *JUDO event* organized by *Rural Games Foundation, India*. The event was held at Gurgaon from *3rd to 4th February 2015*. Ms. Mamta won the medal in under 18 age-group and 63 kg weight category.

Mamta, 8th Sem Student of CSE Dept. with Gold Medal

Mamta with Principal Prof. (Dr.) B.M.K. Prasad, Academic Administrator, Prof. (Dr.) Jitender Kumar and HOD CSE, Prof. Vishal Bharti

Placement :

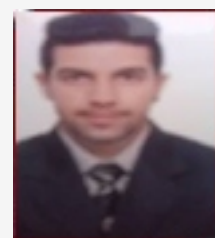Congratulations to following students for getting placed in February 2015:

Placed Students - Feb

S. No.	Name/Contact Details	Branch	Company
1.	Amandeep Singh	CSE	Think Future Technologies
2.	Harsh Chawla	CSE	Think Future Technologies
3.	Nikita	CSE	Virtusa Consulting Services Pvt.
4.	Nikhita	CSE	Virtusa Consulting Services Pvt.
5.	Jatin	CSE	Lambent IT Solutions Pvt. Ltd.
6.	Ritesh Kumar	CSE	VS Tele Services
7.	Rituraj	CSE	VS Tele Services
8.	Kanchan Gupta	ECE	Boring Brands
9.	Vinesh Sangwan	ECE	Clearpath Technology Pvt. Ltd.
10.	Vishal Bhatia	ECE	Clearpath Technology Pvt. Ltd.
11.	Sukhwinder Kaur	ECS	K12 Innovation
12.	Akshay Raina	IT	Skilrock
13.	Harshit Punn	IT	K12 Innovation
14.	Shikha Vashisht	IT	K12 Innovation
15.	Ranjeet Kumar	IT	Sopra India Pvt Ltd.
16.	Anjali	IT	Clearpath Technology Pvt. Ltd.
17.	Utkarsh Kumar	IT	Mphasis
18.	Himanshu Sethi	IT	Ascian Consultancy
19.	Swati Sharma	IT	Ambivalent Technologies Sacred Spell Solutions pvt. Ltd
20.	Himanshu	ME	Clearpath Technology Pvt. Ltd.
21.	Sparsh Kaushik	ME	Clearpath Technology Pvt. Ltd.

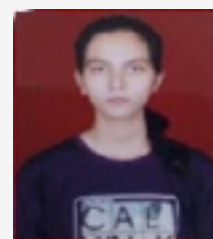| S. No.	Name/Contact Details	Branch	Company
22.	Jitender	ME	Best Koki
23.	Raj Kumar Singh	ME	Best Koki
24.	Rohit Kumar Yadav	ME	Best Koki
25.	Savin Kaul	ME	Best Koki

Student's Views :

"Belief in oneself is one of the most important bricks in building any successful venture". I am a Dronacharyan presently studying in third year in the Department of Electrical & Electronics Engineering. The world is changing rapidly in Electrical and Electronics field, so the department is focusing on latest developments. The highly qualified faculty members are experts in their own fields and are committed to provide quality education with focus on creativity, innovation, continuous change & a motivating environment. The Department of Electrical & Electronics Engineering aims at strengthening the ongoing focus by churning-out skilled technocrats. With the proactive efforts of the department the students are getting upgraded knowledge in Electrical and Electronics field. The department organises guest lectures, seminars and workshops for the students regularly. The laboratories are well equipped. Summarily, Dronacharya is a Temple of Learning. I AM PROUD TO BE A DRONACHARYAN…!!!!

Pranjal Dunga
(Roll. No. 16887)
IV Sem

At Dronacharya College of Engineering, Gurgaon, both education and co-curricular activities are maintained at same level and I have a sense of contentment on being a part of this ocean of knowledge. I am studying in Electrical and Electronics Engineering branch and our HOD and all faculty members guide us on every step of our journey. I am inspired a lot by our pioneer principal Prof. (Dr.) B. M. K. Prasad who is a role model of sincerity and truthfulness. In my two years at the College, I have learned everything which I think I was lacking in. I am really proud to be a Dronacharyan!

Swati Sharma
(Roll. No. 15796)
VI Sem