



Dronacharya College of Engineering

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From Editor's Desk :

Education happens to be as luminous as the radiant rays of a lighthouse, as fascinating as the fragrance of roses, as pious as the goddess **Saraswati** herself, as deep as ocean, as high as the Himalayas and as vast as this unique universe. In fact, it is only education that elevates man to the coveted crown of existence.

We, at **Dronacharya College of Engineering, Gurgaon** strongly feel that true education involves beyond the inherent knowledge of course material. We also organise enlightening and inspirational lectures for students from distinguished dignitaries and experts from industries to instil in our students a feel of the corporate culture, a sense of discipline, dedication and punctuality at a young age.

The intellectual capability of the academic staff of any technical institution is also one of the key - criteria to determine the success of its students studying in it. On account of competent faculty members with high degree of excellence and dedicative nature, our budding technocrats have always made the college proud by achieving number of Merit in the University Merit Lists.

In a nutshell, we have always been focussed to serve the society and improve the mode of life by imparting high quality technical education in the field of engineering and technology catering to the explicit and implicit need of students, society, humanity and industry.



Editor, (Dr. Sunil K. Mishra)



From HOD's Desk :

Education is for improving the lives..... and for leaning your community and world better than you found it. - Marian Wright Edelman



Keeping with this spirit **Dronacharya College of Engineering** bears the responsibility of an Education Leader committed to chisel the raw talents of young students. We believe in playing a foundational role in the holistic mission of turning the young Learners- the young sprouts into giant trees, symbolically in the realm of education, technology, Engineering and entrepreneurship.

Over the last decade and a half **D.C.E, Gurgaon** has played a pivotal role as an academic leader in society, by accelerating its Human Resource, modifying its knowledge, keeping abreast with modern trends and anticipating the requirements of tomorrow. We continuously and explicitly work to enhance our intellectual capital, our continuing role in society and our wider global place in technical education.

In the present scenario, where globalization and competition are having profound impact on all sectors, education sector is no exception - which involves much more and much beyond the inherent knowledge of the course material. Our faculty and students continuously seek new avenues to promote an educational experience of international standards by creating an inclusive design, enhancing the quality in teaching, research and development and leveraging technology for learning.

Building a roadmap to achieve this our faculty and students organise and attend a plethora of seminars/workshops/conferences etc.

Head of Department, Prof. (Dr.) Shri Krishan Yadav

Faculty Achievement :

Prof. (Dr.) R. C. Sharma :

- ✦ Participated as Judge in 20th National Children Science Congress -2012, held at BITS international school Bhiwani on **Dec. 01-02, 2012**.
- ✦ Attended **NPTEL** Workshop at Dronacharya College of Engineering Khentawas, Gurgaon (**Feb. 17th, 2013**).

Mr. Ravi Dutt :

- ✦ Attended an International Conference on Reviving Growth at Hotel Taj, New Delhi on **15th December, 2012**.

Dr. Vimla Yadav :

- ✦ Attended 10th Millennium Summit on "Curing the Incurables" held at Vigyan Bhawan, New Delhi on **16-01-13**.
- ✦ Attended Seminar on Intellectual Property Rights at D.C.E., Gurgaon on **8-12-12**.
- ✦ Attended FDP on launching Intensive Entrepreneurship Program held at Apeejay School of Management Dwarka New Delhi on **21-11-12**.

Ms. Sangeeta Singla :

Seminar / Conference Program Attended:

- ✦ Participated in "Run from Obesity and Diabetes, " organised by Medanta, The Medicity, Gurgaon on **17/02/2013**.
- ✦ Attended "Self Empowerment Programme " at Om Shanti Retreat Centre, Gurgaon on **16/02/13**.
- ✦ Attended "CH. Ranbir Singh and Mahatma Gandhi (BAPU) memorial lecture ," at, MDU, Rohtak on **30/01/2013**.
- ✦ Organised special seven days NSS camp at DCE as NSS Program Officer.

Mr. Ashok Kumar :

- ▣ Participated in "Run from Obesity and Diabetes," organised by Medanta, The Medicity, Gurgaon on **17/02/2013**.
- ▣ Attended "Self Empowerment Programme," at Om Shanti Retreat Centre, Gurgaon on **16/02/13**.
- ▣ Organised special seven days NSS camp at DCE as NSS Program Officer.

Ms. Rita Yadav :

- ▣ Attended Seminar on Intellectual Property Right (IPR) Opportunity and Strategies Organized by **Dronacharya College of Engineering, Khentawas, Farrukh Nagar, Gurgaon, Dec. 8th, 2012**

Mr. P. C. Mittal :

Research Publication :

- ▣ "Two Player Decision Behaviour Changing in Repeated Game," Global Journal of Enterprise Information System, Vol. 4 (I), 5-12, (2012).
- ▣ "Type of the Retailer Problem with Complete Information with Nash Equilibrium Repeatedly," Int. J. Mathematical Sciences and Applications, Vol. 2 (II), 743-750, (2012).
- ▣ "Fuzzy Payoff of Cooperative Repeated Prisoner Dilemma," Int. J. of Contemporary Mathematics, Vol. 3, No.1-2, 115-126, (2012).
- ▣ "Non-Negative Benefits of the Commons in Infinitely Repeated Game," Journal of Game Theory, Vol. I(V), 38-42, (2012).
- ▣ "Repeated Time Allocation of National and Private Sector by Real Estate Agent," Journal of Game Theory, Vol. I(V), 43-47, (2012).

Presented Papers :

- ▣ **15th-16th Dec 2012** - "Fuzzy Payoff of Cooperative Repeated Prisoner Dilemma," on Mathematical Science and Application, India International Centre, New Delhi, India.

Book Publications :

- ▣ 2013 - "**Real Analysis & Linear Algebra**," Upkar Publication, Agra (In Press).

Conference Attended :

- ▣ **09th-11th Jan 2013** - "**International Symposium on Applied Optimization and Game-Theoretic Models**," Indian Statistical Institute, New Delhi.
- ▣ **19th Dec 2012** - "**8th International Conference on Growth and Development**," Indian Statistical Institute, New Delhi.

Ms. Pooja Jain :

- ▣ Attended US-INDO Workshop on "Best Practices for Women" at India Habitat Centre on **10-12-12**.

Dr. Suchitra Deswal :

- ▣ Completed Ph.D. on topic "Deconstructing Society: The South-Asian Travelogues of V. S. Naipaul".
- ▣ Received Membership of ELTAI Literature SIG.

- Attended Workshop on "NPTEL (National Programme on Technology Enhanced Learning)" at **Dronacharya college of Engineering, Gurgaon** on **16th Feb 2013**.

Dr. Sangeeta Negi :

- Attended Workshop on "NPTEL (National Programme on Technology Enhanced Learning)" at **Dronacharya college of Engineering, Gurgaon** on **16th Feb 2013**.

Paper Published :

- "Chaotic motion of ions in polymer gel electrolyte: First observations" **Solid State Ionics Vol.** 225-2012, International.
- "Ion track based novel nanostructures: A step towards" **Nanodevice and Nanomaterials for Ecological Security** , 2012, pp 281-289, International.
- "Chaotic behavior of ion exchange phenomena in polymer gel electrolytes through irradiated polymeric membrane," Physics letter A, Vol. 376, 915-1918, 2012, International.

Dr. Jyoti Anand :

Research paper Published/Accepted/Submitted :

- MTSF and Profit Analysis of a Computer System with H/W Repair Activities Subject to Inspection and S/W Replacement. **Dronacharya Research Journal** ((Submitted).
- Analysis of a Computer System with arbitrary distributions for H/W & S/W Replacement Time & Priority to repair activities of Hardware over replacement of S/W. **International Journal of System Assurance Engineering and Management**, Vol. 3, Issue 1, pp. 230-236.
- Stochastic Modeling of a Computer System with priority to Replacement of Software over Repair Activities of Hardware Subject to Replacement Time. **International Journal of Agriculture and Statistical Sciences** 2012 (Accepted in SCI Journal).

Research Paper Presented at the Conference :

Probabilistic Analysis of a Computer System with Inspection and Priority for Repair Activities of H/W over Replacement of S/W. **Twenty-First International Conference of Forum Interdisciplinary Mathematics on Interdisciplinary Mathematics, Statistics and Computational Technique** held at **Department of Statistics Punjab University, Chandigarh (India)** during **December 15th-17th, 2012**.

Academic Programs Attended :

Lecture Attended on Self-Empowerment Organized by **Om Shanti Retreat Centre, Bhola Kalan February 16th, 2013**. Seminar on Intellectual Property Right (IPR) Opportunity and Strategies Organized by **Dronacharya College of Engineering, Khentawas, Farrukh Nagar, Gurgaon, Dec. 8th, 2012**.

Dr. Parul Mishra:

- The degree of **Doctor of Philosophy (Ph.D.)** in English was awarded in 2012 from Banasthali University, Rajasthan on the topic **"Dramatic Worlds of Girish Karnad & Harold Pinter: A Comparative Study"**.

A Seven Day Special NSS Camp :

NSS Unit at **Dronacharya College of Engineering, Gurgaon** organised a seven day special camp from **14th February to 20th February 2013** on the theme of **"Youth for sustainable Development special focus on Watershed Management and Wasteland Development"** to provide an environment conducive for democratic and cooperative way of life in society. Inaugurating the Camp on **14th February, Dr. Girish K Tuteja, Director, Ministry of Youth Affairs & Sports, New Delhi** addressed that the welfare of an individual is ultimately dependent on the welfare of the society as a whole. He stressed that the college has opportunity to have a large number of NSS Volunteers in the field of social services. **Hon'ble Chief-guest Girish K Tuteja** shared his views with the students and encouraged them to take more initiatives for social welfare of the people and to work more towards the needs of the society.

As a part of the seven days special of camp, more than **110 NSS volunteers** on **15th February** visited slum areas of Sectors 9 and 10 in **Gurgaon City** and interacted with them on **Literacy, Addiction, AIDS, Pulse Polio Immunisation, Family Planning, Communal Harmony, Save Girl Child and Environment conservation** etc. These families are mostly deprived and poor, surviving with low literacy rate, malnutrition, hunger and lack of sanitation. Volunteers stressed upon the inhabitants about the necessity of education and cleanliness. They also conducted drawing competition among them and encouraged with some gifts to participants.

On the closing ceremony of the Special Camp dated **20th February**, the **Chief-Guest Hon'ble Principal Prof. (Dr.) B. M. K. Prasad** addressed that the welfare of an individual is ultimately dependent on the welfare of the society as a whole. He stressed that the college has opportunity to have a large number of NSS Volunteers in the field of social services. On this auspicious occasion the volunteers delivered a message through skit, dance, poem and other cultural programs on **Right to Education, Women-Empowerment, Traffic-rules, Nuclear Waste Management, Waste Water Management, Cleanliness, Literacy, Leadership, and Patriotism** etc.

The camp came to an end with a vote of thanks by one of NSS Program officers **Mrs. Sangeeta Singla** who expressed her heart-felt gratitude to the Principal, NSS coordinator and appreciated the willingness of volunteers to do something more in making the Nation developed. The certificates for participation were given away by the Chief- Guest **Hon'ble Principal Prof. (Dr.) B. M. K. Prasad**.



The chief-guest Dr. Girish K Tuteja, Director, Ministry of Youth Affairs & Sports, New Delhi addressing NSS volunteers



Hon'ble Principal Prof. (Dr.) B. M. K. Prasad, encouraging the volunteers



The chief-guest Dr. Girish K Tuteja being honoured with a memento



A bright student of slum area talking a part in competition



Visit of NSS volunteers at slum area of Sec-10, Gurgaon



NSS Volunteers with Hon'ble Principal, Dean Academics and NSS Co-ordinator at College Campus



NSS volunteers sitting with Brahma Kumar & Sister at Om Shanti Retreat Centre, Gurgaon



NSS Volunteers showing a skit on women empowerment



The Chief-Guest Prof. (Dr.) B.M. K. Prasad being honoured by NSS Coordinator and NSS Program Officers

Visit of German Delegation :

On 22nd February 2013, Mr. Marco Titz, TB-Projectteam Indien from Germany; **Mr. Ombir Singh**, Group HR Head, Best Group (**Best Auto Limited, Best Koki Automotive Ltd**) and **Mr. Dinesh Chandra Sharma** Sr. Manager (HR), Madhusudan Auto Limited, Gurgaon visited the college campus with an objective to support each other for a higher level of education, training.

In a meeting with Hon'ble Principal **Prof. (Dr.) B. M. K. Prasad**, the visiting team appreciated the efforts made by the college where students are being exposed to various modern technologies. Today, the technologies are changing at a very fast pace in industrial development. As a result the fresh graduates required to be imparted the state of the art technologies. To bridge this gap the German Delegation came with the proposal to set up a training centre in which upcoming technologies in the field of Mechanical Engineering shall be taught to the students. These technologies include smart CNC machines, Electrical Discharge Machine (EDM), wire cutting machine, MIG/TIG welding, Laser Beam Machine and Robo Assisted Welding. A Memorandum of understanding was signed with them.



Mr. Marco Titz, TB-Projectteam Indien from Germany interacting with Hon'ble Principal and other dignitaries



Hon'ble Principal presenting a memento to Mr. Marco Titz

E-week Celebration Held from 11th-13th Feb 2013 :

By the establishment of an Entrepreneurship Development Cell (EDC) since 2009, the college has strived to educate and train people by developing entrepreneurial capabilities through positive training interventions. E week of 2013 was celebrated at Dronacharya College of Engineering, Gurgaon with vigour and enthusiasm keeping in mind the Theme for this E week i.e. **"Innovation For India"**. DCE collaborated with National Entrepreneurship Network (**NEN**), National Research Development Corporation (**NRDC**) and Technopreneur Promotion Program (**TePP**) to give more thrust to the activities in campus during E-week. Around 200 students participated in the **Advanced Workshop on Entrepreneurship** held during the E-Week. The inaugural session started with Principal **Prof. (Dr.) B. M. K. Prasad**, Dean Academics **Prof. (Dr.) Onkar Singh** and Head of various Departments gracing the occasion. E-leaders **Garima Bhasin** and **Molisha Mehra** addressed the audience about DCE-E cell and previous year's events and theme. The E-Week pledge was taken up by all the E-Leaders and participants.

Mr. Govind Sharma, Senior Manager NRDC gave insight into entrepreneurship qualities and enlightened the audience with his words. **Mr. Vishal Bharti** discussed a Case Study, **"Penguin"** to demonstrate the concerns of an Entrepreneur and the decisions they have to make. Briefing about Idea Generation Exercise was done by **Mrs. Swati Jha**. Students thought of innovative ideas on the theme and presented them in front of EDC jury members. The day ended with the briefing of Rs 50 exercise by E- Leader **Rishabh Kumar Taneja**.

Honourable guest **Mr. Vikas Rajput**, Founder and Head of Operation of Parallel Level Research Centre, had an interactive session with the students in which he shared his knowledge and experience. He explained the **Business model** in a very interesting way and also made the students work on a **Business Plan**. **Mrs. Kalpana Sinha**, Consultant from NEN discussed about NEN and its efforts to promote Entrepreneurship in colleges and institutes. **Mr. Raj Mehta** from **IIT Delhi**, elaborated on TePP-Technopreneur Promotion Programme. He elaborated on support schemes for Entrepreneurs. The three day interactive and informative workshop came to an end with the Certificate distribution ceremony by respected Principal **Prof. (Dr.) B. M. K. Prasad**.



Mr. Govind Sharma, Principal, Dean Academics and HOD's gracing the inaugural session of E-Week 2013.



Mr. Govind Sharma, Senior Manager, NRDC addressing the students.



Mr. Gagan Aggarwal, Indian Angel Network talking on opportunities available to the Entrepreneurs.



E-Leaders taking the E-Week Pledge



A group sharing their Innovative Idea to the participants.



Ms. Nitu Choudhary, one of the E-Leaders giving a presentation on her visit to IIT Kharagpur.



Mr. Raj Mehta enlightening the audience on TePP.



Mrs. Kalpana Sinha, Consultant NEN briefing the participants on the efforts of NEN.



Anuj Yadav, one of the E-Leaders giving Vote of Thanks



Mr. Vikas Rajput talking on Business Models.



One of the participants interacting with the guest.



Certificate distribution Ceremony of Entrepreneurship Advanced Workshop during E-week 2013

Workshop on Higher Education in Abroad :

Recently, **Dr. Zafeena Suresh, Education USA Adviser, United States-India Educational Formation (USIEF)** conducted a workshop on "Higher Education in Abroad" on **21st February, 2013**. Addressing the students in the elegant auditorium of the College, she shared that students should know the rules, regulations and procedures of the university concerned. In order to get higher education in the foreign universities, the speaker stressed upon self-improvement by getting through different exams like TOEFL, GRE, GMAT etc.

She explained how higher education in abroad is beneficial to improve language and cultural immersion; increase ability for social interaction, personal growth etc. Encouraging the students, she expressed that graduate studies in the U.S. can be intensive, involving coursework with a thesis or a non-thesis option. She explained the duration, admission procedures, costs; financial aids etc in order to promote their interests to higher studies in the U.S. About Doctoral programs, she said that it involves advanced coursework, graduate seminars, and the writing of a dissertation that describes the student's own original research completed under the supervision of an expert.

Hon'ble Dean Academics **Prof. (Dr.) Onkar Singh** delivered a vote of thanks and expressed his gratitude to the speaker for sharing useful and relevant information with complete process on "Higher Education in the U.S.".



Dr. Z. Suresh giving information on admission in the U.S. Universities



Hon'ble Principal presenting a memento to the Guest-speaker

Conference on "Empowering The Nation Through Women Entrepreneurship :

Gender discrimination has been a major obstacle in granting equal opportunity for women in entrepreneurship. Empowerment is the manifestation of a redistribution of power that challenges patriarchal ideology, transforming the institutions that reinforce or perpetuate gender discrimination. **Professor (Mrs.) A. N. Mahajan** along with a student **Ms. Harman Dhaliwal** (Roll No 13176) attended Conference on "Empowering the Nation through Women Entrepreneurship" on **21st February 2013** at **India Habitat Centre, New Delhi** organized by Delhi Management Association (DMA) in collaboration with Indus Business Academy (IBA).

The objective of this conference was to build up a bridge between women entrepreneurship and empowerment and to address the impediments which act as road blocks towards successful women entrepreneurship. A number of distinguished speakers like **Dr. Ekta Saxena**, Head Corporate Relations (IBA); **Prof. Manas Garai**, Faculty Incubation Centre, IBA; **Manoj Mittal** (General Manager, SIDBI); **Mr. Arun Kumar** Director General, NIESBUD; **Mrs. Pankaj Bhaduria**, Master Chef; **Mrs. Bharti Taneja**, Director, Alps Beauty Clinic; **Dr. Anup Kalra** CEO, Ayurved Research Centre; **Dr. Vibha Dhawan**, Executive Director, Pvt. Ltd; Ms Meenal Arora, Founder Director, Shemford Futuristic Schools; **Ms. Ishita Swaroop**, Founder, 99lables.com; **Ms. Shalini Vig Wadhwa**, Founder & CEO, 100 Degree Events & Entertainment shared their views on the present conditions of women in various fields particularly various challenges in rural areas they face as entrepreneurs.



The conference being inaugurated



The Eminent speaker talking about Women Empowerment

A Two Day Workshop on Robotics :

Robotics Club under the aegis of Deptt. Of Electronics & Communication Engineering at **Dronacharya College of Engineering, Gurgaon** organized a two - day Workshop on "**Robotics**" in association with **Robosapiens Technologies Pvt. Ltd., NOIDA** from **8th to 9th February, 2013**. The aim of this workshop was to gather knowledge in the field of robotics and utilise the expertise developed to fabricate new models as machine design, control theory, microcontroller, artificial intelligence and mechanical gadgets.

The Workshop basically dealt with designing various kinds of electronic sensors and circuits and their use in making autonomous robots using a microcontroller. It was divided into four sessions to impart theoretical information and to give hands on Robotics. In first session students got acquainted with the basics of electronics and various components used in project fabrication. Second session dealt with the basics of a microcontroller especially the AVR series micro controller, ATmega16, which was one of the most powerful and widely used 8 bit micro controllers. Session 3 & 4 provided hands on session for Development of a Edge avoiding Robot, Line Following Robot and Light Searching Robot on iBOT Robokit.

The co-ordinators of the club **Mrs. Jyoti Kohar**, Associate Professor, Dept of ECE and **Mr. Chandrashekhar**, Assistant Professor, Dept. of ECE expressed their gratitude to the representatives of **Robosapiens Technologies Pvt. Ltd., NOIDA** for sparing precious time to enlighten the participants at **DCE, Gurgaon**.

Two Day Workshop on Android (19th-20th Feb 13) :

The Department of Electronics and Computer Engineering of **Dronacharya College of Engineering, Gurgaon**, organized a two days workshop on "**ANDROID**" from **19th-20th February 2013** in collaboration with **Blue Eminence Technology, New Delhi** in association with **IIT-BHU**. Total 52 students from various branches (ECS, CSE, IT and ECE) of our college and from other colleges like KIIT College of Engg. participated in the workshop. The goal of the Android Workshop is to get any interested student get started with Android programming. It is geared towards students who would like to learn what it takes to get started with programming their first Android applications.

Trainers from Blue Eminence **Mr. Devesh Wadhwa, Senior Research Engineer** and **Mr. Abhinav Saini, Research Engineer** started with introduction to JAVA and XML followed by ANDROID architecture overview and setup of Android Development Environment which consisted of a short description on the four layers which are Application, Application Manager, Library and the Driver. After that the participants were introduced to the fundamentals of **Android Applications, Building Blocks, Activating and Shutting** down components. They were also introduced to the difference between **Linux and Linux Kernel** on which Android works. There was a competition at the end of the workshop in which programming skills of the students was tested. Winners of which shall gain direct entry to **IIT BHU's TECHNEX-2013** and will be given training free of cost for 6 Hrs. for the same by Blue Eminence experts.

During the closing ceremony of the two day program, student coordinators **Anshul Patro and Sukhwinder Kaur** briefed the guests on the events covered up in the two days. Certificate of participation was distributed by our Principal **Prof. (Dr.) B. M. K. Prasad**. Top performers of the competition were given **Certificate of Merit**. The program ended with **Vote of Thanks** by class coordinator **Vijay Kumar Arora**.



Mr. Devesh Wadhwa, Senior Research Engg., Blue Eminence, addressing the participants.



The participants at the Android workshop



Mr. Abhinav Saini, Research Engg., Blue Eminence, addressing the participants



Student Coordinator, Sukhwinder Kaur briefing on Android and its applications.



Student Coordinator, Anshul Patro briefing on the two day events in the workshop



Mr. Devesh Wadhwa declaring the winners of the workshop



Principal and Dean Academics distributing the Certificate of Participation to the students.



Principal Prof. (Dr.) B. M. K. Prasad distributing the Certificate of Merit to one of the winners.

Lecture on Wireless And Mobile Communication :

IETE Students Forum at **Dronacharya College of Engineering, Gurgaon** organised a Guest - lecture on "**Wireless and Mobile Communication**" on **4th February, 2013**. The invited speaker **Mr. V. K. Arya (Retd. DDG, Ministry of Communication, Govt. of India, New Delhi)** covered various aspects of Communication ranging from Analog, Digital, Satellite, Wireless and Mobile Communication. Welcoming the speaker, **Hon'ble Principal Prof. (Dr.) B. M. K. Prasad** said that the field of wireless and mobile communication has a remarkable history that spans over a century of technology innovations from Marconi's first transatlantic transmission in 1899 to the worldwide adoption of cellular mobile services by over four billion people today. Presenting his views, the **guest-speaker Mr. V. K. Arya** expressed that wireless communication is the transfer of information over a distance without the use of electrical conductors. The lecture was highly informative and useful to the participants. Through this lecture, they learnt various topics like Signal Processing, Channel selection, advantages and disadvantages of wireless LANs, Design Goals, infrared & radio transmissions, architecture of an infrastructure network etc. The student coordinators **Ms. Saniya Puri** and **Mr. Kumar Rahul** expressed their gratitude to the Guest speaker for sparing his precious time and enlightening them on wireless and mobile communication.



Mr. V. K. Arya being honoured at DCE, Gurgaon



The guest speaker Mr. V. K. Arya delivering a talk on "Wireless and Mobile Communication"

Annual General Body Meeting of The IEEE :

Prof. (Mrs.) A. N. Mahajan from the Dept of Electronics and Communication Engineering attended the **Annual General Body Meeting of the IEEE** Delhi Section held on **February 03th, 2013** (Sunday) at Seminar Hall in Kamla Devi Block, **India International Center** (Lodhi Estate), New Delhi. The aim of this meeting was to bring together over 2000 attendees for technical sessions, student program, awards ceremony, committee meetings, and tutorials.

Dr. Shaiban Koul, Ex. Chairman, IEEE Delhi welcomed the members and briefed on the various activities organized during 2012. He mentioned that the Section Membership has crossed 5000 mark. He also stated that around 194 technical conferences and seminars in last year. Thereafter, **Dr. Sukumar Mishra** Secretary IEEE, presented minutes of AGM and the same was approved by members. **Dr. Prerna Gaur**, Treasurer presented accounts. The meeting and the lecture delivered by **Dr. Shevgaonkar**, Director, **I.I.T. Delhi** were undoubtedly very much useful and interesting.



Prof. (Mrs.) A. N. Mahajan interacting with other members at IEEE meeting

Workshop on Goal Setting & Art of Achieving :

Students are the future of the country and they need to be provided a platform where they can learn how to tackle the obstacles of professional career. Following the importance to motivation to the students, Dronacharya College of Engineering, Gurgaon conducted an invited lecture by **Dr. Anil Sethi** one of the sought after speaker today. The objective of this workshop was to arouse students curiosity and motivation to learn; to model an approach to specific styles of thinking: e.g., problem solving, case studies; to give a skilfully assembled background knowledge summary that is not otherwise available; to adapt very complex, sophisticated, or theoretical knowledge to students' level and needs etc.

On **12th, 25th and 26th February 2013** addressing the students of Fourth Semester of the **Department of Mechanical Engineering & Civil Engineering** respectively, he said that true motivation is the ability to give hope, inspire and influence people to a particular desired action. His lectures were inspiring, giving hope, motivating to develop faith, hope, enthusiasm, confidence, determination and commitment to perform to their fullest potential and achieve great goals. He guided the students to believe in them, to be moderate, to be focussed and target-oriented.

On **27th February 2013**, he conducted a workshop in **Department of Electronics & Computer Engineering**. Through his lecture, Dronacharyans learnt how to set the goal and how to remain positive for achieving the goal. He also talked on **"How to manage in corporate world"**. He explained the difference between AIM and GOAL.

He brilliantly elaborated how to manage emotional intelligence at work place and the problems faced by an individual when he/she has to act as a leader in a group. He explained various behavioural aspects of a "Leader". He conducted Case Study on Leadership by taking example of "Bhuvan" character from the movie "LAGAAN". He also made students write "Business Plans". He stressed on role of communication in life by citing examples and guided students to choose their words properly before speaking.



Dr. Anil Sethi, a renowned motivator, addressing Dronacharyans



Dr. Sethi encouraging the students to set the target and reduce stage fear

Sports Week - 2013 :

At **Dronacharya College of Engineering, Gurgaon** students are inspired and motivated to fully participate in the organisation and anchoring of highly colourful sports, cultural and technical programmes in which they learn discipline, leadership, team-spirit, self-confidence and decision making ability. The college organised Sports -Week from **21st to 23rd February, 2013**. During this week the students participated in a number of sports and games like Cricket, Volley Ball, Basket Ball, Races, Table Tennis, Tug of War etc. Besides having merit in academics, they performed well in these games.

Hon'ble Principal Prof. (Dr.) B. M. K. Prasad presided over the Sports Function. Addressing the students, he said that all sports have an outcome. One entity wins, and the other loses. Winning and losing is a part of life probably two sides of the same coin. In sports, a person has to make quick decisions depending upon the situation that he is in. Thus, a person who is involved in sports is able to make wise and quick decisions in other areas of life as well.

During the Sports Week 2013 - **Mr. Gaurav Yadav** the captain of winner team [Cricket boys], **Ms. Jyoti Kumari**, the captain of winner team [Cricket Girls], **Mr. Vivek**, the captain of winner team [Volley Ball Boys], **Mr. Manish** the captain of winner team [Basket Ball Boys], **Ms. Preeti Yadav**, the captain of winner team [Basket - Ball Girls], **Mr. Vipin Yadav**, winner [Table - Tennis Boys], **Mr. Rahul Yadav** the captain of the winner team[Tug - of - War Boys], **Ms. Annu** the captain of the winner team [Tug - of War Girls], **Ms. Avisha Kumari**, winner [Lemon Race Girls], **Ms. Reenu Yadav**, winner [Matka Race Girls], **Mr. Manish Rawat** winner(Sack Race-Boys) were the centre of attraction.

The sports function was concluded with a vote of thanks by **Sports-in-charge Prof. (Dr.) H. S. Dua**. He appreciated the students for participating in sports with a great zest and zeal. Motivating the students, he stressed that extra-curricular activities helps to develop the all round personality of the participants to face the undaunted task and turbulent world of future. He emphasised that experience and accolades gained through many of these activities also help during internships boost self-confidence and sense of achievement. On behalf of the students, staff and faculty members he expressed his gratitude to the Management, **Hon'ble Principal, Dean Academics, Registrar and all HODs** for providing all possible help and cooperation.



Hon'ble Principal Prof. (Dr.) B. M. K. Prasad addressing the students



Hon'ble Chief-guest being welcomed



Hon'ble Principal giving away a trophy



Students playing Basket ball at sports-week 2013



Hon'ble Chief-Guest at the sports- week-2013

Inspired Leadership Conference – 2013 :

Dronacharya College of Engineering, Gurgaon provides the experimental learning opportunities to its students and faculty members enabling them to explore experiment and practice to do something for the services of well being of all. The college also strives to create an ambience conducive to academia, discipline, compassion, sustainability and ethics.

Recently, **Mrs. Chita Kaul**, Associate Professor, Dept of Information Technology attended a two - day **Inspired Leadership Conference 2013** organised by **School of Inspired Leadership (SOIL), Gurgaon** from **February 1st to February 2nd, 2013**. The conference was focussed on whole systems thinking, a fresh and future ready curriculum, teaching methods and spaces that deploy multiple intelligences and one to one mentoring by seasoned leaders and live projects. It was basically to build inspired leaders with character, competence and enthusiasm.

The conference was inaugurated by **Mr. Anil Sachdeva, Founder & CEO, SOIL**. He talked about the mission, vision and achievement of SOIL. In his key note address, **Mr. Rahul Khosala, Managing Director, Max India** shared his success path as a part of his endeavours.

In the august presence of a number of panellists and moderators like **Mr. Anil Garg**, Executive Vice President, ; **Mr. Sumit Mitra** Ex. Vice President(HR) **Godrej Industries**; **Mr. Simon Golland**, Visiting Faculty, BG, **Seattle**; **Dr. Snehal Shah**, Chair, HR Leadership Program, **SOIL**; **Mr. Rajit Mehta** Ex. Director & COO, **Max Life Insurance**; **Mr. Francis Rebello**, Visiting Faculty, **SOIL**; **Mr. Arunav Banerjee**, President & Chief Researcher, **SOIL Innovation Board**; **Mr. Navyut Manhot**, CEO, **QAI Global**; **Ms. Garima Singh**, Consultant, **SOIL**; **Justice(Rtd) R. S. Sodhi**, **Ms. Shazia Ilmi**, National Executive, **Aam Aadmi Party**; **Prof. Hardayal Singh**, Dean, **SOIL**; **Ms. Yogita Ahuja**, Program Leader, **SOIL** etc the attendees learnt about Managing Multigenerational Diversity: Workforce Perspective, Leadership

Overall, the National Conference was highly informative and also an opportunity to have great experience on leadership, diversity, effectiveness and efficiency.

Workshop on Summer Internship :

On **21st February, 2013** the Department of Electronics & Computer Engineering at **Dronacharya College of Engineering, Gurgaon** organized a workshop on **Summer Internship** by **Mr. Ravindrababu Ravula**, an alumnus of **Indian Institute of Science, Bangalore**. The objective of this lecture was to provide an opportunity to the students of IV and VI semesters of CSE, IT and ECS branches enhancing their educational experience and improving their career preparation. The aim of this seminar was to encourage students for making key contributions to develop open source applications to improve their software-writing skills.

Addressing the students, **Hon'ble Principal Prof. (Dr.) B. M. K. Prasad** stressed that in terms of both today's workload and tomorrow's workforce, starting an internship program is an excellent way to facilitate success at small - or medium - sized business and career in any field of Engineering. Motivating the students, **Prof. Swati Jha, Head, Department of Electronics & Computer Engineering** expressed that an internship can be seen as the pinnacle of undergraduate education and give the students the chance to use the skills they learned in the classroom in a real-world setting.

The speaker **Mr. Ravinder** put a light on how IISc, Bangalore promotes students from engineering colleges to develop solutions for real-time problems and scenarios using open source software. He briefed them on the process of selection in Summer school of IISc., organized by the **Department of Computer Science & Automation**, the topics to be covered and the experts to be invited from industry and academia to train the participants. He shared that the last date of registration is **28th Feb 2013** and a website i.e. <http://events.csa.iisc.ernet.in/summerschool2013> to get more information. He also mentioned about the mini projects available on the sites of top engineering colleges of India and abroad. He also told them to have as many certifications as possible during their Engineering career which will not only enhance their professional skills but will also make them more confident. He stressed on publications and presentations in conferences and seminars.

At the end, a vote of thanks was delivered by **Prof. (Dr.) Jitender Kumar**, HOD, the departments of CSE & IT. The workshop was informative as most of the students got acquainted with the principles and working of summer internship.



The guest-speaker Mr. Ravindrababu Ravula, an alumnus of IISc, Bangalore talking about Summer Internship



Students of different branches listening to his lecture



Prof. (Dr.) Jitender Kumar, HOD, CSE & IT giving a vote of thanks



The guest-speaker Mr. Ravindrababu Ravula being honored

Students' Viewpoint :

It is proud privilege & delight to be a part of such an institution. I am really very happy to be associated with the Department of Applied Sciences & Humanities. Our department is dedicated to overall development of students. The high standard faculty regularly interacts with the students. Students are motivated to enhance technical skills. Fully equipped labs and high level of sincerity have made me technically strong. I am highly obliged by getting nurtured under the guidance of such scholastic people.



**Aashima
(Roll No. 15002)**

Education is an enlightenment of minds dwells in an atmosphere of good environment and prosperous thinking. My college presents the process of education in a congenial manner. The traditional education is on the pattern of gurukul. Our teachers handle each student very personally and make ideal citizens & excellent technocrat out of them. Our college has good labs, open ground, proper hostel for boarders and strict ruling while cultivating culture and manners among the trainees here children are groomed for all ups and downs of life. They guide in the time of needs they work really hard for all the students to groom them and provide them the best education. There is always healthy competition between the students.



**Abhilasha
(Roll No. 15572)**

At the end I would like to conclude that my college is an ideal college with traditional values and modern facilities and highly skilled Teachers.

Our department's main focuses is bring out the that hidden talent from it's students so that they what they actually deserved. We the students of Information technology are highly grateful to have a H.O.D as **Prof.(Dr.) Sri Krishan Yadav**. The college has very good facilities to cater to the requirements of the students like the labs which are highly equipped with the latest technology and the college library which had ample collection of all the books required. Everyone has taken utter care to help us learn, comprehend and acquire knowledge. Our college has been very good not only in academics but also in various cultural activities and sports too.



**Md. Aftab
(Roll No. 15333)**