



Dronacharya College of Engineering

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Applied Sciences & Humanities

In This Issue....

- ✦ Editor's Desk
- ✦ HOD's Desk
- ✦ Seven-Day NSS Program Officer's Training Course
- ✦ Workshop on "Enhancement in Communication Skills & Professional Etiquettes"
- ✦ The Sixteenth Orientation Program
- ✦ Paper Presentation in the International Conference At JNU, New Delhi
- ✦ Participation in Oracle Higher Education Seminar
- ✦ Seminar on "3-D Student Design Challenge"
- ✦ International Internship at AIESEC, University of Philippines, Dilman
- ✦ Grabbed The First Prize in "Google India Community Summit-2013"
- ✦ Aakash workshop on Clicker Usability in Classroom
- ✦ Exposure to The Corporate World by Our Alumni
- ✦ Freshers' Welcome Function "Deeksha Samaroh" 2013
- ✦ Seminar on "Building Capacities of MSEMES through Innovation"
- ✦ Student's Viewpoint

From Editor's Desk :

Dronacharya College of Engineering, Gurgaon makes an enthusiastic, thumping and vibrant entry into its SIXTEENTH YEAR in the session of 2013-14. We at **DCE, Gurgaon** strive to provide academic flexibility, value added courses to engage the students in performance of understanding the concepts that cause them to do a great deal of thinking in using, applying and enriching what they know in the areas of Science & Technology.



Dronacharya College of Engineering, Gurgaon does not merely teach quality, productivity and efficiency but also provides an environment with an exemplary campus eulogized for quality culture productivity-linked operation systems and admirable administration to serve the larger interest of the students making them useful and successful engineers.

Our students are provided opportunities to attend National and International conferences, symposiums, seminars, webinars, and workshops. In addition to this, we lay special emphasis on the overall personality development of the students so as to foster in them the necessary drive and confidence.

The college has become an enviable, exemplary and ideal academic destination for the engineering aspirants in quest of a carefully crafted career in the arena of technology.

Editor, (Dr. Sunil K. Mishra)

From HOD's Desk :

We, at the **Department of Applied Sciences & Humanities** strongly feel that real education involves much more and much beyond the inherent knowledge of course material. To lay strong foundation for better technical education, the Dept. is committed to instill the applications of sciences in Engineering and Technology. This department is an essential bridge for engineering disciplines where the students learn basic principles of engineering and also practice how to apply them in design, research and development. A judicious mix of lectures, tutorials, class-tests, simulation and computational infrastructures play a multidimensional and pivotal role of our advanced teaching methodology. The department also strives to put all possible efforts to add maximum value to our students' life by conducting Gds, Debates, Seminars, Conferences, NSS Camps, and Blood Donation Camps etc. from time to time 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.

The department of Applied Sciences & Humanities has always 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. The Department has always made its presence felt in the educational arena through its accomplishments and aiming at building an academic ambience which turns out well rounded top-notch professionals equipped with in-depth knowledge of subjects, inter-personal skills along with a global perspective.

We hope to contribute even more in the days to come, producing not just engineers, but men of substance.

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

Seven-Day NSS Program Officer's Training Course :

Two faculty members **Mr. Ashok Kumar** and **Mrs. Rita Yadav** from **the department of Applied Sciences & Humanities** of **Dronacharya College of Engineering, Gurgaon** attended a **seven-day National Service Scheme (NSS) Program Officer's training Orientation Course** as NSS Program Officers. The program was organised by **Empanelled Training Institute (E.T.I)** in association with **Institute for Development & Communication (I.D.C)**, Chandigarh at **M.D. University, Rohtak** from **24th to 30th July 2013**.

The objective of this program was to provide training/orientation to NSS Program Officers for developing understanding about the philosophy of NSS and making education more relevant to the present situation to meet the felt needs of the community and supplement the education of the university/college students by bringing them face to face with the rural situations. The training orientation course started with welcome address by the NSS coordinator, M.D. University, Rohtak **Dr. Ranbir Gulia** and inaugurated by the Hon'ble Chief-guest **Prof. (Dr.) S.S. Chahar**, Director, Campus School, M.D. University, Rohtak. Addressing more than 50 NSS Program Officers and coordinators, **Dr. Chahar** emphatically stated on honesty, punctuality and dedication in social services. He also shared how to encourage youth to participate enthusiastically in the process of national development and promote national integration through corporate living and cooperative action.

During the exhaustive program the distinguished academicians and social-activists **Dr. SatyaVir Singh Malik**, Training Coordinator E.T.I./I.D.C. Chandigarh; **Prof. (Dr.) Dalip Singh Thakur**, Directorate Higher Education, Himachal Pradesh; **Prof. (Dr.) K.S. Mahalwal**, **Dr. Charanjeet Kaur**, **State Liaison Officer, Haryana**; **Dr. G.K. Tuteja**, **Deputy Program Advisor, Regional Centre, Ministry Of Youth Affairs & Sports, New Delhi**; **Dr. R.P. Saini** from Red Cross Society, Haryana shared their views on a variety of topics relevant to organizing NSS camps.

Dr. Satya Vir Singh Malik enlightened the attendees on the broad objectives of National Service Scheme. He also expressed that a dedicated and devoted Programme Officer can plan, execute and evaluate the NSS activities in a proper perspective. **Prof. (Dr.) Dalip Singh Thakur** shared valuable inputs on maintenance of accounts & documents, audit, diary - writing, etc. He also imparted information on administrative and organisational structure of NSS where as **Prof. (Dr.) K.S. Mahalwal** stated the relevance of human rights to NSS Volunteers.

Dr. Charanjeet Kaur stated on utilization certificate, timely submission of report etc. She stated the need to develop an awareness and knowledge of social realities to have concern for the well being of the community and engage in creative and constructive social action. They can execute all administrative and policy directives of the government in rural as well as urban areas of our Nation.

Dr. G.K.Tuteja talked about **NSS Mega Camp, Rajiv Gandhi Adventure Camp, Inter-state/International Youth Exchange Program, Indira Gandhi NSS award Republic Day Camp** Creation of tree consciousness among the community Prevention of soil erosion; Establishment of nurseries; Plantation of trees and preservation and upkeep of trees; Weed control, pest management, rodent control etc. Another speaker Dr. R.P.Saini explained about first aid training course for NSS Program Officers.

On the last day, the NSS Program Officers exchanged their views and understanding related to various aspects covered during the training. The valedictory address was delivered by **Prof.(Dr.) H.S. Chahal, the Vice-Chancellor, M.D.University, Rohtak**. He gave away the certificates to all attendees.



Dr. Charanjeet Kaur, State Liaison Officer, Haryana explaining different steps of utilization of NSS



Dr. G.K. Tuteja, Deputy Program Advisor, Regional Center, Ministry Of Youth Affairs & Sports , New Delhi talked about NSS Mega Camp and other Programs



Dr. Ranbir Gulia, NSS Coordinator, M.D. University, Rohtak sharing his views on scope and significance of NSS



NSS Program Officers attending the training program at M.D. University, Rohtak



Mrs. Rita Yadav, receiving the certificate by Hon'ble Vice-Chancellor M.D. University, Rohtak

Workshop on "Enhancement in Communication Skills & Professional Etiquettes":

The Department of Applied Sciences & Humanities of Dronacharya College of Engineering, Gurgaon organised a two-day workshop on "**Enhancement in Communication Skills & Professional Etiquettes**" from **23rd to 24th July 2013**. The aim of this workshop was to provide a platform to the academicians in general and the non-teaching staff, in particular, to deliberate upon various aspects of communication skills and professional etiquettes.

In the inaugural address, **Hon'ble Chief-Guest Prof. (Dr.) Mir Nasser Hussain, Principal, Dronacharya College of Engineering, Gurgaon** expressed that without communication skills and proper etiquettes the existence of species is not possible. He also said that communication skills like emotional maturity, team-spirit, compassion, attitude, voice modulation are those abilities which determine a person's competency to fit into a particular situation or organization. Sharing the overview of workshop the convener **Prof. (Dr.) Sri Krishan Yadav, Head, Department of Applied Sciences & Humanities** opined that good communication skills are an indispensable asset which empower an individual to perform efficiently. During the workshop a variety of topics like conversation skills, vocabulary building, common mistakes, positive attitude, English language and voice modulation, Business letters, Principles of protocol and etiquette, appearance and body language etc were covered by the faculty members of the department **Dr. Sunil Mishra, Dr. Nandita Choudhury, Dr. Suchitra Deswal and Dr. Parul Mishra**.

Presenting a talk on "**Ways to Improve Spoken English and Correction of Common Errors**", **Dr. Sunil Mishra** enlightened the audience on sub-themes viz. stage fear & stage handling, conversation skills, speaking in a group, spelling and tones in English language, study of silent letters, common errors in English Grammar etc. Another speaker **Dr. Suchitra Deswal** covered different aspects of "**Professional Writing Skills**" like inquiry letter, request letter, covering letter, styles of letter, punctuation styles, and elements of structure etc. The third lecture on "**Professional Etiquettes and Mannerism**" was delivered by **Dr. Parul Mishra** who dealt with effective communication, etiquettes, personality, conflict-management, mannerism, gestures, facial expressions, body language and listening skills etc.

The workshop was conducted in a hands-on manner where, on the second day the participants presented demos inculcating the attributes of communication skills and professional etiquettes. The demonstrations were evaluated on verbal and non-verbal grounds which were communicated to them by **Dr. Nandita Choudhury**.

More than 30 participants showed their interest throughout the sessions enthusiastically. In the feedback form they highlighted usefulness of this workshop in developing their professional skills and stated such workshops should be conducted periodically. The participants were given away certificates by **Hon'ble Principal Prof. (Dr.) Mir Nasser Hussain**.

The workshop ended on **24th July 2013** with a vote of thanks by **Dr. Sunil Mishra**, Organizing Secretary, who expressed his heart-felt gratitude to the Management, Hon'ble Principal, the Convener, the members of organizing committee and the participants for their cooperation in making the workshop a success.

The Sixteenth Orientation Program :

On **12th August, 2013** the **department of Applied Sciences & Humanities** of **Dronacharya College of Engineering, Gurgaon** organized a one-day Orientation Program for the students of Sixteenth Batch.

The objective of the program was to make the students familiar with various class rooms, labs, workshops and other facilities available at the campus. Addressing the students, **Prof. (Dr.) Sri Krishan Yadav, HOD** (Department of Applied Sciences & Humanities) imparted valuable instructions regarding Internal Assessment Pattern, Attendance, Discipline, Code of Conduct and Zero-tolerance for Ragging etc. He emphatically shared the students to keep their mobiles switched-off in classes and remain regular, prompt and attentive in lectures as well as labs. He also said that the department of Applied Sciences & Humanities at **DCE, Gurgaon** 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.

Hon'ble Principal Prof. (Dr.) M.N. Hussain also blessed the budding technocrats. He stated that Dronacharya College of Engineering (**DCE**), **Gurgaon** is a source of wisdom where pebbles are polished and diamonds chiselled with a vision of giving an enviable growth to seekers of learning, to groom them as World-Class Technocrats competent to match the expanding expectations of the Corporate World. He motivated the students to chalk out strategies for better future and prosperous career because well begun is half-done.



Hon'ble Principal Prof. (Dr.) M.N. Hussain blessing the students during the Orientation Program-2013



Prof. (Dr.) Sri Krishan Yadav HOD (Department of Applied Sciences & Humanities) imparting academic instructions



Faculty members along with students attending the Orientation Program

Paper Presentation in the International Conference at JNU, New Delhi :

Prof. (Dr.) R.C. Sharma, from the **Dept. of Applied Sciences & Humanities of Dronacharya College of Engineering Gurgaon** presented a research paper entitled "Measurement and Trends of OH and ClO in the Atmosphere over a Tropical Region" in a two-day International Conference on "**Innovative Trends in Natural/Applied Sciences and Energy Technology for Sustainable Development**" (**ITNASETSD-2013**) organized by Krishi Sanskriti at **Jawaharlal Nehru University, New Delhi** from **July 27th to 28th, 2013**. Through the presentation, **Prof. Sharma** explained the role and practical importance of OH and ClO in the atmosphere in this session. His paper was published in **International Review of Applied Engineering Research (ISSN 2248-9967) Vol. 3, November 4th, 2013**.

The conference was inaugurated by **Dr. J.P. Sexena**, Professor, School of Environmental Sciences, Jawaharlal Nehru University, New Delhi who laid emphasis on the need of sustainability of the environment from man-made perturbation. It was divided into seven technical sessions focusing on Environmental Sciences, Environmental technology, Biological Science, Energy, Energy Technology, Applied Sciences & Applied Engineering Research chaired by **Dr. Sanjay Sen Gupta**, Council of Scientific and Industrial Research New Delhi; **Dr. R.C. Sharma, Professor, Dronacharya College of Engineering Gurgaon**; **Dr. Usha Mina**, Indian Agricultural Research Institute New Delhi; **Dr. Ratna Sen**, Satya Group of Institutions, Palwal; **Dr. Brij Bihari Singh**, Department of Chemistry, Delhi University, New Delhi.

A total of 124 research papers were selected for oral and poster presentation during this conference. The conference was concluded by **Dr. Usha Mina**, Convener of the Conference and **Dr. G.C. Mishra**, Organizing Secretary of the conference. It was highly innovative, application oriented and knowledge based covering the fields of Environment, climate change, Nanotechnology, Biotechnology, GIS, Nuclear Fusion, Disaster Management, Computational Techniques, Energy etc.



Prof. (Dr.) R.C. Sharma presenting his Research paper in a two-day International Conference (ITNASETSD-2013) at JNU, New Delhi

Participation in Oracle Higher Education Seminar :

Ms. Chesta Agarwal, Assistant Professor from the **Dept. of Computer Science Engineering of Dronacharya College of Engineering, Gurgaon** attended the Oracle Higher Education Seminar on **"Transform Higher Education: Drive Student Success and Institution Excellence"** on **13th August, 2013** at the **Hotel Oberoi, New Delhi**. The objective of this seminar was to provide insights on various Oracle solutions to prepare the students for employability.

Mr. Mohit Phogat, Business Manager, Higher Education, Oracle Corporation, India; **Mr. Madhu Gothandaraman**, Solution Consultant-Higher Education, Oracle; **Mr. Abhay Kacker**, Principal Sales Consultant, Oracle; **Mr. Deven Pandey**, Sales Director, Oracle Policy Automation, Oracle; **Mr. Anand Padmanabhan**, Chief Information Officer, Shiv Nadar Foundation and HCL Corporation Pvt. Ltd shared different ways to drive student's success and excellence. During the seminar, they highlighted the relevant issues like (a) managing student lifecycle (b) Manage operations more effectively (c) Enhancing Constituent Experience (d) Policy Automation for Higher Education Institutes.

The seminar provided an insight not only to the better student management, but also discussed effective management techniques for the institution - Fiscal Management, CRM, Procurement and HR that enable transparency, unified view of student and employee identities with anytime and anywhere access. The seminar was concluded with a vote of thanks by **Mr. Ajay Kapur**, Director, Oracle Education Initiatives, and Oracle on Oracle Education Program.



Mr. Abhay Kacker discussing the Oracle Right Now



Mr. Deven Pandey demonstrating Oracle Policy Automation



Mr. Anand Padmanabhan sharing his experience on Best Practices in Higher Education



Mr. Ajay Kapur introducing the Oracle Education Initiatives

Seminar on “3-D Student Design Challenge”:

On **26th August 2013** the **department of Mechanical Engineering** of **Dronacharya College of Engineering, Gurgaon** organized a seminar on “**3-D Student Design Challenge**” in association with **M/s Arvato, a subsidiary of M/s Autodesk Ltd., Gurgaon**. The objective of this seminar was to disseminate knowledge and practical understanding of 3-D modelling part and Autodesk Inventor enabling the attendees to ascribe colours and textures to various components of technical projects in the field of Mechanical and Civil Engineering.

Mr. Sunny Verma, a representative of M/s Autodesk Ltd., Gurgaon explained interrelationships and interdependence of components in 3D design. He emphatically stated that transformability and modularity are some of the considerable factors in designing a technical project. Over 150 students from Mechanical and Civil Engineering disciplines along with 15 faculty members of **Dronacharya College of Engineering, Gurgaon** attended this seminar.

The seminar as useful as the attendees learnt different steps related to 3D design Challenge. Besides this, it was an excellent opportunity to showcase their digital skills using Autodesk portfolio of products and understand the concepts of **Mechanical fabrication, Mechanical Design Challenge** etc.



The HoDs (Mechanical Engineering & Civil Engineering Deptts), Faculty and students attending the seminar

International Internship at AIESEC, University of Philippines, Dilman :

Mr. Abhimanyu Singh (Roll No. 13004) a student of Computer Science Engineering Department, represented **Dronacharya College of Engineering Gurgaon** at International front by completing his Internship at **AIESEC (Association internationale des étudiants en sciences économiques et commerciales) University of Philippines, Dilman** from **7th July to 18th August 2013**. The prime objective of the interns during the project was to interact with the interns of other nationalities and make them aware of the Indian culture. The first destination as an initiative of this project was San Francisco High School.

The main event during the **Global Village Hype Cycle 2** was the Exhibition. All the interns across the globe showcased their talent representing their tradition and culture. The Global Village Project helped all the interns from different countries to become a new global family.



A students from Netherland during interactive session with students



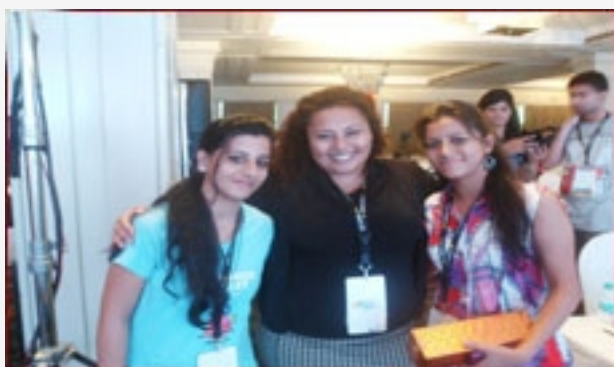
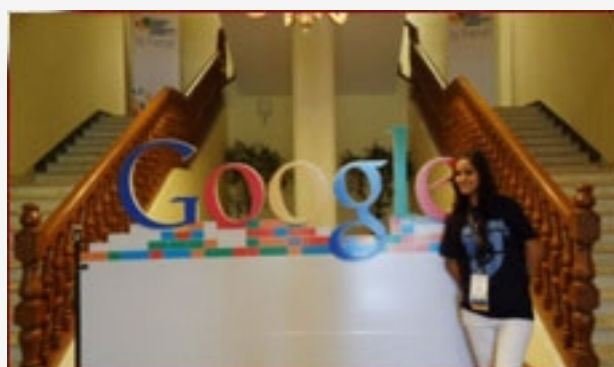
The certificate of Participation given to Mr. Abhimanyu Singh (Roll No 13004)

Grabbed The First Price in "Google India Community Summit-2013":

Ms. Shalini Sharma (Roll No. 14091) a student of Fifth Semester (Dept of Computer Science Engineering) represented **Dronacharya College of Engineering, Gurgaon** as "**Google Student Ambassador**" in a four-day **Google India Community Summit-2013** organised by Google from **1st August to 4th August 2013** at the Leela, Goa. The objective of this summit was to bring together Google Business Group (GBG) Managers, Google Developer Group (GDG) Managers, and Google Student Ambassadors (GSA) from across India for an intensive training on community management, best practice sharing and product knowledge. It was a wonderful opportunity to experience first-hand what the Google communities are all about.

Through different sessions, the distinguished speakers **Ms. Noha Salem**, University Relation Manger Google; **Mr. Ravi Gururaj**, The Chairman of NASSCOM Product Council; **Mr. Deepak Sridhar**, **Mr. Kshitiz Anand**, **Mr. Mandan Padaki**, Head Held High; **Ms. Pooja Srinivas** from CYCO (Connect Your Community Online); **Mr. Syed Malik**, Mapmaker; **Mr. Sunil Rao**, **Ms. Shalini Prakash**, **Ms. Sagiri**, The Community Manager, Gmail shared valuable inputs on a variety of technical topics like Google Design Guidelines, Online Safety, Google App for Education, YouTube for Education, Monetizing Opportunity Mobile Apps etc.

Ms. Shalini Sharma and her group members "**Alpha One**" got the first prize for designing the best and effective event in "**Campus Simulation**", a competition held on the fourth day of **Google India Community Summit-2013**. The summit was an eye-opening for the attendees as they came to know about the technical applications of Google and other products.



Ms. Shalini Sharma (Roll No. 14091), Google Student Ambassador, during the summit -2013 at Goa



Ms. Shalini Sharma along with other members grabbing the First Prize in "Campus Simulation" Competition

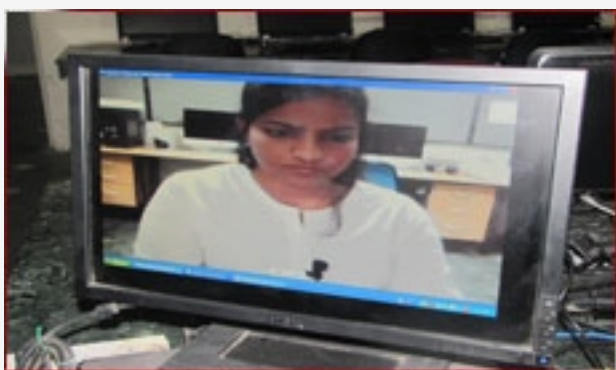


Aakash Workshop on Clicker Usability in Classroom :

The departments of Computer Science Engineering and Information Technology of Dronacharya College of Engineering Gurgaon jointly organized a one-day **Aakash Workshop on Clicker Usability in Classroom** in collaboration with **Indian Institute of Technology (IIT), Bombay** on **19th August, 2013**. The objective of the workshop was to help the Remote Centers in setting up the Clicker Software on **Aakash Tablets** and using it for effective teaching in classrooms. The workshop was conducted through A-View Classroom. It also involved a discussion of selected engineering colleges across the nation with the Clicker Development Team. Inaugurating the workshop **Prof. Deepak B. Pathak**, Dept of CSE, IITB, Mumbai highlighted the importance of **Aakash** in upgrading the classroom teaching through Clicker. He demonstrated the benefits of using the Aakash2 Tablets for effective and efficient teaching. The welcome address was followed by a session by the **Clicker development team**. The team guided the participants about the Clicker Software Installation on an Ubuntu desktop serving as a server enabling interaction between the students and the instructor through Aakash Tablets.

Mr. Dharmender Pal, Associate Professor from the **Department of Information Technology, Ms. Chesta Agarwal, Aakash Coordinator** and **Mr. Ram Pravesh, System Administrator** attended the workshop.

Through this workshop the participants came across an elaborative demonstration of setting up the admin- control on the clicker software. The workshop was highly useful as the attendees learnt how various quizzes can be efficiently managed through the Clicker software. Besides this, they were also made familiar with maintenance of the records through this software.



A session of the workshop on Clicker Usability through A-View Classroom



The faculty members Mr. Dharmender Pal and Ms. Chesta Agarwal attending the workshop

Exposure to The Corporate World by Our Alumni :

On **7th August 2013**, **Ms. Neha Setia**, an alumnus of **Dronacharya College of Engineering, Gurgaon** presently working as **GET, IOMC Division of HCL Technologies, NOIDA** shared her experience with the students of Computer Science Engineering Department regarding placement preparation as well as current trends in corporate sectors. She provided valuable inputs and preparation strategies that should be taken care of before appearing in an interview. She, further, advised the students to start their aptitude preparation, and to acquire communication skills, professional etiquettes, mannerisms in addition to have sound knowledge of the core subject.

Over 120 students attended her lecture and learnt the ways and techniques to answer various questions asked in HR round of an interview. The needs of the corporate sector and the current market situation were also discussed. The students on the other hand asked their doubts and got their queries solved up to maximum satisfaction.

Overall, it was an enriching and beneficial experience for the placement aspirants.



Ms. Neha Setia, an alumnus of DCE, Gurgaon talking about various strategies for placement in reputed MNC's

Freshers' Welcome Function "Deeksha Samaroh" 2013 :

Dronacharya College of Engineering, Gurgaon organized the sixteenth **Freshers' Welcome Function "Deeksha Samaroh" on 27th August 2013** (Tuesday), extending a red-carpet welcome to the budding Engineers. On this day, the students both seniors and juniors were encouraged to realize their dream and making the campus ragging free. On this auspicious occasion, a number of cultural events were organized by the senior **Dronacharyans**.

Lighting the Lamp, the **Chief-Guest, Hon'ble Dr. Satish Yadav, Chairman, Dronacharya Group of Institutions & Organisations** declared the function open at 10:55 AM. Extending heartiest welcome to brilliant and ambitious aspirants, he shared his belief in amelioration, escalation and exaltation. Hon'ble Chief-Guest reiterated that since inception of the college, the management is sincere and sensitive to social issues which concern the villages as well as State, Nation and mankind in general. He also ensured that the college fraternity is putting in their best to craft students' career by combining intelligence with diligence. Addressing the large gathering of students, he stated that **Dronacharya College of Engineering, Gurgaon** is committed to provide all facilities to the students for exposure of innovation and creativity not only to adapt new situations but also to lead the corporate world. He appreciated the performance of students in **Fusion Dance, Remix, Hip Hop, Bhangra** and other cultural events which mesmerized the entire audience.

The eminent scholar and visionary **Principal Prof. (Dr.) M.N. Hussain** also addressed the students who have manifested an unflinching faith in **DCE, Gurgaon**. He promised that following the traditions, the students will be viewed with admiration and compassion at college campus. He wished them a pleasant stay and every success in realizing their aspirations at **DCE, Gurgaon**. All HODs, the Registrar, Senior faculty members and Administrative Staff also blessed the prospective engineers and reminded their dream destination.

Hon'ble Chairman distributed cash prizes, certificates, tantalizing trophies and shields meritorious students for mesmerizing performance and their excellent achievements. The cultural committee and revered judges selected and honoured **Mr. Anurag Vats as Mister Fresher and Miss Priyanka Khatana as Miss Fresher 2013**. Hon'ble Chief-Guest **Dr. Satish Yadav** gave away cash awards to the students from weaker sections and girl students to promote technical education in rural areas.

The Function was closed with vote of thanks delivered by a student **Mr. Utkarsh** who extended his gratitude to the Management, Hon'ble Principal, HODs, Faculty members, staff and students of **Dronacharya College of Engineering** for their contribution in making the Function a grand success.

A confluence of Music, dance, dramatics etc and community lunch made the function unforgettable.



Hon'ble Chief Guest Dr. Satish Yadav, Chairman Dronacharya Group of Institutions along with other dignitaries



A senior student performing the classical dance



Wonderful performance with the theme of Sri Krishna Leela



The faculty members, staff and students enjoying the moment during the Fresher's Welcome Function-2013



Hon'ble Chairman Dronacharya Group of Institutions blessing Dronacharyans of the Sixteenth batch



The Principal Prof. (Dr.) M.N. Hussain presenting a memento to Hon'ble Chief-Guest Dr. Satish Yadav



Priyanka Khatana crowned as Miss Fresher 2013 & Anurag Vats as Mr. Fresher-2013

Seminar on "Building Capacities of MSMEs Through Innovation":

Mr. Vijay Wakhlu, Associate Professor from the **department of Mechanical Engineering** represented **Dronacharya College of Engineering, Gurgaon** in the **National Seminar on "Building Capacities of MSMEs (Micro Small Medium Enterprises) through Innovation"** was organised by **PHD Chamber of Commerce and Industries on 30th July, 2013 at PHD House, New Delhi** under the programme **"Innovation Summit 2013"**. The seminar was aimed at innovations in MSMEs considering current possibilities, limitations and means to adopt it for welfare of society.

The seminar started with a welcome address by **Shri Suman Jyoti, President, PHD Chamber** which was followed by a presentation on Innovation by **Mr. Salil Bhandari**, Chairman, Committee. A number of distinguished speakers from different areas **Mr. M.K. Maini, Mr. H.K. Mittal, Mr. Ashish Panigrahi, Mr. Chandermouli Guin, Mr. K. Kapur, Mr. Vasudevan, Mr. Diwakar Bhagat, Mr. B. Biswal, Mr. M. Sabarwal, Dr. Jyoti S.A. Bhat, Mr. Rajveer Singh, Mr. Rajiv Chawla, Ms. Divya Rajput** enlightened the participants on innovations & creativity, teaching-learning methodologies and other relevant pedagogical patterns relevant to colleges and industry. They also stated the importance of active learning sessions and technological improvements.

Mr. M.K. Maini, Deputy Managing Director, SIDBI, informed about the world ranking of India, being no1 in computer. **Mr. H.K. Mittal, Secretary, Technology Development Board, Govt. of India** shared the instances of a few organisations like UJALA and vaccine manufacturer in Hyderabad who have been innovative in their operations although they were helped by Technology Development Board.

Mr. Ashish Panigrahi and **Mr. Chandermouli Guin** who represented **M/s Nielsen, PHD's Research Partner**, released a research report for MSMEs and summarised the constraints including affordability for these enterprises to be innovative. **Mr. Vasudevan, Chief-Adviser (Tech. and Research) Albion Info Tel India, Mr. K. Kapur Director SIDBI, Mr. Rajveer Singh CEO Apex Cluster Development Services Pvt. Ltd. and Mr. Rakesh Pandey, Director Sales Consulting Oracle** talked about the importance of the use of Information and Communication Technology in MSMEs. **Mr. Diwakar Bhagat** (Structural Consultant working for Ph.D) informed that Civil Engg. Deptt. Of IIT Delhi is developing Structural columns and beams made from Bamboo as an alternative for RCC.

Mr. A.K. Jha Director General, Ministry of MSME, Dr. Jyoti S.A. Bhat Scientist, Ministry of Science and Tech., Govt of India, Ms. Divya Rajput Head, Centre for Business Innovation and IT, Govt of India put forward the efforts made to assist MSMEs in business modelling, co-branding, annual credit rating etc. **Mr. B. Biswal, faculty from Delhi University** talked about the Cluster Innovation Centre started by Delhi University two years ago. **Mr. M Sabarwal Head, Enterprise and Portfolio Management Informed** about IPR. **Mr. Rajive Chawla, President MSMEs Faridabad**, explained various measures taken by them to face the competition from larger companies and to innovate as a group, share expenses and provide services to all member units. The seminar ended with a vote of thanks by **Mr. Saurab Sanyal**, Executive Director PHD Chamber.

Students' Viewpoint :

I am glad to be associated with the Department of Applied Sciences & Humanities of **DCE, Gurgaon**. The Faculty and staff are very disciplined and they teach, counsel and build our skill, knowledge and character. Faculty train us for personality development, motivation, communication skills, attitude and behaviours, do's and don'ts during interview, self esteem and confidence building etc. so that we could get a good job in an organization of repute.



Ms. Zeba
(Roll No. 16181)

I take this opportunity to present my views about the Department of Applied Sciences & Humanities. The **HOD Prof. (Dr.) Sri Krishan Yadav** and faculty members always encourages us to do the work efficiently with a cooperative spirit. They help us to cultivate three qualities with the help of education i.e. thinking, creativity and leadership.



Mr. Ramanjeet Singh
(Roll No. 16444)

The department of Applied Sciences & Humanities has provided the best experience in my academic life. Our **H.O.D, Prof.(Dr.) Sri Krishan Yadav** is a great source of inspiration for us. He motivates us to move out of the classroom and think beyond the usual syllabus to keep ourselves up to date with the fast growing tech-world.



Ms. Shweta Saini
(Roll No. 16773)

The department concentrates on the overall development of students. Apart from aiming at academic growth it also aims at improving the moral values of students. Our department has set the foundation for events that have inspired students to move out of the classrooms to enhance technical skills and develop personality through various activities.



Mr. Abhinav Sharma
(Roll No. 16891)