



Dronacharya College of Engineering

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Computer Science & Engineering

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From Editor's Desk :

"Perfection, as culture conceives it, is not possible while the individual remains isolated. The individual is required ... to carry others along with him in his march towards perfection."

-Mathew Arnold

This perfection comes because of a rare combination of creativity, inspiration, organization, and serendipity. And this rare combination, itself, is a quintessence of the individual's skill and will to succeed. An alert awareness of the broad range of necessary information towards which we endlessly strive, day-in day-out is a prerequisite to make a mark in our respective areas of interest. The short inventive steps, we take today go a long way in building the foundation of knowledge and enterprise that reinforces and bolsters. It is with a purpose of providing a glimpse into our recent enterprises and carrying along others with us in our march of perfection that we bring out a monthly newsletter.

Welcome to the Vol VIII Issue LXXXVIII of our newsletter, presenting an assortment of the multifarious musings which seek to work as a fastening liana of persistent evolution and escalation of the Dronacharya Family.



Editor, (Dr. Suchitra Deswal)



From HOD's Desk :

"Our greatest Weakness lies in giving up. The most certain way to succeed is always to try just one more time."
- Thomas A. Edison

Enthused by these great words by a skilled and a high-spirited scientist whose ceaseless efforts lighted our lives, we at **Dronacharya College of Engineering Gurgaon** aim at imparting knowledge to our students and applying it for the socio-economic development of the society and nation.



Being a Nation where youth is the asset, we believe in instilling in our students not just the morals but also the skills to implement the knowledge in a productive way. We foster their overall growth as in the era of Science and Technology; realisation of the significant role of science in shaping our lives cannot be evaded. With rapid increase in Globalisation, personal mobility has become coveted. There is a need for increased access to knowledge across the globe, increased demand for higher education, growth in the worldwide investment and convergence in technology. The current scenario necessitates awakening in the youth a sense of responsibility towards the future of the country and the world at large.

Head of Department, Prof. Vishal Bharti

Events :

QIP Workshop on Design Thinking at IIT Kanpur held from 1st-5th September 2014:

Mr. Chain Singh, Assistant Professor, **Department of Computer Science & Engineering**, **Mr. Dharmendra Pal**, Associate Professor, Department of Information Technology and **Ms. Parul Bansal**, Assistant Professor, Department of Electronics & Computer Engineering attended a **5-Day QIP workshop on Design Thinking** organized at **IIT Kanpur from 1st -5th Sept. 2014**. The session was primarily taken by **Prof. Raman Saxena**, Visiting faculty at IIT Kanpur and a renowned person in the field of design creation. Two more speakers joined the sessions on Day 4 & 5. All major areas related to design thinking were covered as a part of this interactive workshop. The workshop proved to be interactive and discussion based teaching methodology was adopted by the trainer. The sessions were focused on not only to improve the thinking approach towards products and designs but research as well. This one week workshop provided an in-depth experiential introduction to design thinking and how it can be used to foster innovation and creative confidence.



Prof. Raman Saxena conducting a session



Mr. Chain Singh at the brainstorming session

Industrial Visit to Multisoft Systems, Noida (5th September 2014):

Department of Computer Science, organized a one-day Industrial visit cum educational Tour to **Multisoft Systems, Noida on 5th September 2014** for 54 B.Tech. students of Computer Science & Engineering. The basic agenda of the visit was to familiarize the students with knowledge of the fields they enter and specialize in after their graduation and how to do it.



CSE Department at the Venue



Mr. Tanupriya Choudhary with students at Multisoft Systems, Noida

Agile Testing Pandemic (6th September 2014) :

Five students **Saurabh Setia (15097)**, **Vishal Yadav (15124)**, **Atul Kaushik (15122)**, **Vikas (15116)**, **Parmod (15125)** of Department of Computer Science & Engineering attended an event on **Agile Testing Pandemic** on **6th September 2014**. The event was organized by **Agile Testing Alliance** at **Asian Suites, Gurgaon**. In the world of software development, the term agile typically refers to any approach to project management that strives to unite teams around the principles of collaboration, flexibility, simplicity, transparency, and responsiveness to feedback throughout the entire process of developing a new program or product.



EDC Team of Students of CSE-5th Semester during the Event

A Session on Virtual Labs at IIT Delhi (6th September 2014):

Prof. (Dr.) H. S. Dua, Head, Department of Electronics & Communication Engineering, **Ms. Meenu Gupta**, Assistant Professor of Department of Electronics & Communication Engineering and **Ms. Sarita**, Assistant Professor, Computer Science & Engineering Department attended a **Session on Virtual Labs on 6th September 2014** at **IIT Delhi**. Virtual Lab is an Initiative of Ministry of Human Resource Development under the National Mission on Education through ICT. A virtual laboratory is a tool for distance learning and/or experimentation that allows people to share knowledge, data, voice, video, tools, and many other resources.



**Dr. Ranjan Bose (Professor at IIT-D)
Addressing the audience**



Ms. Sarita at IIT-D during the Session

Teacher's Excellence Award for Outstanding Contribution in The Field of Research

(6th September 2014) :

Prof (Dr.) K.K. Saini received **Teacher's Excellence Award for outstanding contribution in the field of Research** from **Prof. Yash Pal, Padma Vibhushan/Padma Bhushan** world famous renowned educationist & scientist on **6th Sep 14** at **Crowne Plaza Hotel, Delhi**. **Prof. Yash Pal** delivered very impressive spell binding lecture at the event. Main speakers at the event included eminent dignitaries **Air Marshal Pranab Kumar Barbora**, Chancellor Rajiv Gandhi University, Arunachal Pradesh, **Dr. R. K. Khandal**, Vice- Chancellor, Uttar Pradesh Technical University, Lucknow, **Dr. R. P. Dahiya**, Vice- Chancellor, D.C.R. Univ. of Sci. & Tech., Murthal, Sonapat, Maninder Singh Nayyar, Co-Chairman- National Council on Education, HRD & Employment, Union Govt. of India , **H.E. Mr. Miloslav Stasek** Ambassador of Czech Republic to India & **Mr. Gustavo Mekanaky**, Counsellor for Economic & Cooperation, Embassy of Colombia to India. All of them shared their valuable experience with the audience.

ICT Based STC on Securing Networks Through Firewalls, VPN & Intrusion Prevention Systems (8th - 12th September 2014) :

ICT based technology provides the learners with an environment that allows them to distribute their studies in terms of place, time and pace, and most importantly, this technology enables experts from various disciplines to share their views with the learners. Another ICT based workshop was conducted from **8th to 12th September 2014** on "**Securing Networks through Firewalls, VPN and Intrusion Prevention System.**" **37 participants** from **DCE** and more than 200 participants from 5 different Engineering Colleges attended the workshop.

The course was coordinated by **Mr. Amit Doegar** and **Mr. Pradeep Bansal** from NITTTR Chandigarh. The workshop involved experts **Mr. Gauvav Kumar, Managing Director, Magma Research** and **Consultancy Pvt. Ltd.** and **Mr. Vipin Gupta, CEO, U-Net Solutions, Moga**.



Banner of the Workshop



Faculties attending the workshop

Project Competition at Rawal College of Engineering, Faridabad (9th September 2014):

VII Sem and V Sem students of **Department of Electronics & Communication Engineering, Dronacharya College of Engineering, Gurgaon** participated in a **Project Competition** named "**TECH INNOVATION IDEAL 2014.**" Project titled "**Wireless Gesture Robotic Arm**" prepared by Gaurav Gautam, Avdesh, Abhijeet, Ashish and Anil Kumar students of VII Sem, ECE was highly appreciated by the industry experts and won the **2nd Prize**.

IEEE: "Talk by Dr. Neelesh B. Mehta (9th September 2014)":

IEEE Communications Society (ComSoc), Delhi Chapter organized a "**Talk by Dr. Neelesh B. Mehta**", on **September 9th, 2014** at **IIT Delhi**. Six students **Jyoti Rathore** (14040), **Anirudh Sharma** (14011) of 7th Semester, **Sachin Solanki** (15086), **Sandeep** (15094) of 5th Semester and **Shubham Chhabra** (16150), **Ambar Kumar** (16016) of 3rd Semester of Department of Computer Science & Engineering attended the talk. **Dr. Neelesh B. Mehta** is an Associate Professor in the Department of Electrical Communication Engineering at the Indian Institute of Science (IISc), Bangalore. Before joining IISc, he was a research scientist in USA from 2001 to 2007 in AT&T Laboratories, NJ, Broadcom Corp., NJ, and Mitsubishi Electric Research Laboratories (MERL), MA.



Dr. Neelesh B. Mehta delivering his lecture



Students from CSE Department at the venue

Guest Lecture Cum Seminar on “Recent Trends & Technologies & Placement Opportunities” Webwatch Pvt. Ltd. (10th September 2014):

A Guest Lecture cum Seminar on "**Recent Trends and Technologies & Placement Opportunities**" by **Webswatech Pvt. Ltd.** was arranged on **10th September 2014** by Department of Computer Science & Engineering. The guest lecturers are the eminent industry as well as placement experts from **Webswastech Pvt. Ltd, Faridabad**. 80 students attended the lecture. The lecture was organized to make the students familiar with the corporate world and to face the challenges they will be going through followed by a session how to crack a interview as well as they are interested to make a cell for in house consultancy for projects and placements and training.



Mr. Pankaj addressing the students



On-going Session in the classroom

Visit to IIT Delhi Regarding Virtual Lab Experiment Demonstration on 10th September 2014:

Prof. (Dr.) H.S. Dua, Head, Department of Electronics & Communication Engineering, **Prof. (Dr.) Jitender Kumar** Head, Department of Information Technology accompanied by two faculty members **Mr. Ajit Kumar, ECE** and **Ms. Meenu, ECE** visited **IIT Delhi** to demonstrate the virtual lab experiments developed by the faculty members in respect of two ECE Labs (Microprocessor Lab and Control System Lab). Five engineers from IIT Virtual Lab headed by **Mr. Kaushik** witnessed the demonstration. The demonstration was appreciated by **Mr. Kaushik**. He also stated that 80% work has been done. The remaining work is related more to integration and standardization of the experiments. The integration procedure is being drawn up by IIT Delhi and it will be intimated to us as soon as it is ready. **Mr. Kaushik** also suggested that DCE team should continue working on lab experiments related to MDU syllabus.

Selection for Campus Ambassador for Zeitgeist'14: A Fest by IIT Ropar (10th September 2014):

Komal Chauhan, Roll No.15072, student of Department of Computer Science & Engineering, has been selected as the Campus Ambassador for Zeitgeist'14 the Annual Cultural and Technical Festival of IIT Ropar. Zeitgeist is the annual cultural and technical festival of IIT, Ropar and was held for the first time in September 2010. The event attracted participation from colleges from far-off places such as Delhi, Roorkee, Mandi, Punjab and Haryana.



Ms. Komal Chauhan
Student of CSE Department

Seminar on C++ & Java by NIIT (11th September 2014):

Department of Electronics and Communication Engineering, **Dronacharya College of Engineering, Gurgaon** organized a **Seminar on C++ and JAVA** by **NIIT** at DCE Gurgaon Campus on **11th Sept. 2014** for ECE final year students. Faculty members along with students attended this seminar. **Ms Deepmala Moorjani, faculty, NIIT /Placement officer along with Mr Mohit, NIIT, Gurgaon** covered the topics Introduction to C++ language Basic features and characteristics of C++, Introduction to JAVA, Basic features of JAVA, Difference between C and C++ language. The seminar was extremely useful to final year students. The knowledge of basic concepts of C, C++ and JAVA helps students to tackle the aptitude test questions in a better manner, thereby improving their placement chances.

Orientation Programme for International Test of English Proficiency (11th September):

Applied Sciences & Humanities Department organised a one-day **Orientation Programme for International Test of English Proficiency (iTEP)** on **11th September 2014**. **iTEP is the Internationally recognised English assessment body which is also** accredited by Academic Credentials Evaluation Institute (**ACEI**), Accrediting Council for Continuing Education & Training (**ACCET**), National Business Education Association (**NBEA**), American Association of Intensive English Program (**AAIEP**), Canadian Association of Second Language Teachers (**CASLT**) and Teachers of English to Speakers of Other Languages (**TESOL**). Inaugurating the programme **Hon'ble Principal Prof.(Dr.) M. N. Hussain** shared that communication skills like Reading, Writing, Speaking and Listening skills are essential for an engineer who aspire to carry out his/her professional practice in the global arena. Today, language and communication skills are recognised as important elements in the education of an engineer.



The guest speaker Mr. Sarath S., Country Manager and preparation guidelines



Hon'ble Principal, Prof.(Dr.) Sri presenting the test content Krishan Yadav, Convenor iTEP with the guest speaker and other dignitaries during the Orientation Program of iTEP

Workshop Conducted on "Introduction to COMSOL Multiphysics V4.4, New Delhi" (12 September 2014):

Five faculty members **Mrs. Sanghamitra V. Arora, Mr. Harimohan Rai, Mrs. Ritu** of Department of Electronics & Communication Engineering and **Mr. K.K.Singh** and **Mrs. Akanksha Kulshreshtha** from Electronics & Computer Engineering department attended a workshop on **"Introduction to COMSOL Multiphysics V4.4,"** New Delhi on **12 Sept. 2014**. The session was conducted by Company representative **Mr. Lakhvinder Singh**. COMSOL Multiphysics version 4.4 brings an unprecedented level of clarity to our simulation work by giving us both an organized model overview and a streamlined model-building process. The COMSOL user interface reduces clutter and redundant tasks, so our attention can be focused on the substance of our design studies resulting in increased productivity. COMSOL continues in its tradition of powerful solvers and flexibility. A flexible platform allows even novice users to model all relevant physical aspects of their designs.

Exhibition on EFESTO DIDACTIC (12th September 2014) :

Mrs. Kshitija Pol, Associate Professor, Department of Computer Science & Engineering with two students **Tanya Sharma (14106)** and **Rashmi Dewan (14076)** attended an Exhibition on Festo Didactic on **12th September 2014** at **WORLD DIDAC INDIA 2014 Exhibition, New Delhi**. The Exhibition showcased all the Hardware and Product Technologies including Tech2Screen. Festo is a German based holding company represented through independent Festo Companies in 58 countries around the world. Festo is a global player in the field of automation technology and an international market leader in the area of Technical training and vocational education. Festo Didactic uses the industrial equipment of Festo and other market leaders in the industry to compose its learning system for industrial automation, electronics, electrical engineering, process automation and mechatronics to meet the needs and client, providing the right solution of modern technical education.



Tech2 Screen at FESTO DIDACTIC Exhibition



Faculty member and CSE Students at Exhibition

JOOMLA Workshop (15th September):

Department of Computer Science & Engineering organized a one-day workshop on **JOOMLA** by **TOFL Technologies Ltd. Gurgaon** on **15th September 2014**. **A Team of Freelancers (TOFL Technologies)** was there to present the workshop. The key speaker of the workshop was **Mr. Yaman** a member of Freelancers team. The speaker familiarized students with Joomla and its various aspects. The workshop was a hit among students because apart of learning a new concept, they also learned about a way to earn money while enjoying their college life. The motive of the workshop was to make students aware about Joomla and how they can use it more effectively and efficiently as compared to other software's in the market.



Banner of the Workshop



Mr. Tanupriya Choudhury with Team of Freelancers

9th Sustainable & Inclusive Solutions Summit Organized by CII on 16th - 17th September 2014:

The **9th Sustainable and Inclusive Solutions Summit** organized by **CII (Confederation of Indian Industry)** was held at Lalit Hotel, New Delhi from **16th to 17th September 2014**. **Ms. Pratibha Sharma**, Asst. Professor, Department of Computer Science & Engineering attended the event. The Summit presented two days of captivating deliberations and intellectual insights that inspired innovation, action and solutions towards a sustainable future. The Summit was honoured with the presence of world class line-up of thought leaders and practitioners who are facilitating the transition to a sustainability renaissance. The event started with the Inaugural session under the presence of Hon'able Minister **Prakash Javedkar**, Minister of State for Information & Broadcasting, Environment, Forest & Climatic Change and Parliamentary Affairs, Government of India along with **Mr. Y C Deveshwar**, Past President, CII, Chairman, and Advisory Council of the CII-ITC Centre of Excellence for Sustainable Development and Chairman, ITC Limited.



Mr. Andrew Steer, President & CEO, World Resources Institute, Mr. Y C Deveshwar, Hon'able Minister Shri Prakash Javadekar and Mr. Chandrajit Banerjee, Director General, CII



Inaugural Ceremony of the Summit

Industrial Visit to Associated Electronics Research Foundation (16th September 2014):

Department of Computer Science & Engineering, Dronacharya Engineering College, Gurgaon organized an industrial visit to **Associated Electronics Research Foundation (AERF)**, Research & Development Centre at Noida on 16th September, 2014 for 2nd & 3rd year B.Tech students of CSE (Computer Science & Engineering) & ECS (Electronics & Computer Engineering). AERF is governed by section 25 of The Companies Act 1956, association not for profit. In consonance with the object of this memorandum, the company is organized into "Key Functional Areas" in pursuit of extending the benefits of scientific knowledge through development of projects, tools and services for the growth of industry as well as to promote consumerism.



DCE students during industrial visit



Students interacting with Industrial People

IEEE: "Talk by Dr. Jay Giri" (17th September 2014):

IEEE Communications Society (ComSoc), Delhi Chapter organized a **"Talk by Dr. Jay Giri", on September 17, 2014 at NLDC, Delhi**. Two 7th semester students, **Vishal Sharma (14126)** and **Nishant Narula (14123)** of Department of Computer Science & Engineering attended the talk. The main aim of the lecture was to highlight the EMS (Energy Management System) history and its evolution. Energy Management Systems (EMS) have been deployed for decades at utility control centres to monitor and manage the electricity grid in real-time. Today these EMS capabilities are poised to be enhanced quite dramatically with growth of synchrophasor PMU measurements.



Dr. Jay Giri explaining during lectures



Students of CSE Department at Venue

Innovation Summit 2014: "Enhancing Innovative Capacities of MSMEs" (17th September 2014) :

Two faculty members **Mr. Tarun Verma** & **Mr. Rapaka Gopalakrishna** from Electronics & Computer Engineering Department of **Dronacharya College of Engineering, Gurgaon** attended a one-day PHD (Progress Harmony Development) Innovation Summit 2014 on **Enhancing Innovative Capacities of MSME** (Micro, Small & Medium Enterprise) on **17th September 2014**. It was organized by PHD Chamber, New Delhi in Association with MOFPI (Ministry of Food Processing Industries, Government of India).

The Chief-guest Shri Kalraj Mishra, Hon'ble Union Minister for MSME enlightened the audience regarding effort of the Government of India in establishing MSME. He stressed on need that we should be self independent in term of technology, industry, production & services.

Mr. Sharad Jaipuria (the President PHD Chamber); **Mr. S.K Sarkar** (Chairman Committee on Innovation, PHD Chamber); **Mr. Surinder Nath Tripathi** (Joint Secretary, SME, Ministry of Micro, Small & Medium Enterprise, Govt. of India); **Mr. Krishan Partap Singh** (IRS, Additional Director General, Directorate General of Export Promotion), **Mr. Ajay Thakur** (Head BSE SME); **Mr. Pardeep Sharma** (Chief Manager, Consultancy Services Cell, SBI); **Ms. Usman Rana** (Head, Northern Region NSE); **Mr. A.K Jha** (IES, Director General, NISBUD, Ministry of MSME, Govt. of India), **Dr. J.S Juneja** (Chairman, Global Projects & Services Pvt. Ltd.) shared their views on innovative strategies, enterprise and need of skill development .



Evolution of EMS Controls Centers-Managing The Future Smart Grid PMU Synchrophasor Measurements (17th September 2014) :

Anuradha, a V Sem. student of **Department of Information Technology** attended a session on **Evolution of EMS Control Centers - Managing the Future Smart Grid PMU Synchrophasor Measurements**, by speaker **Dr. Jay Giri** at **NLDC New Delhi**. on **September 17th, 2014**. The event was an **initiative of Control Centers, India's Major Synchrophasor**.



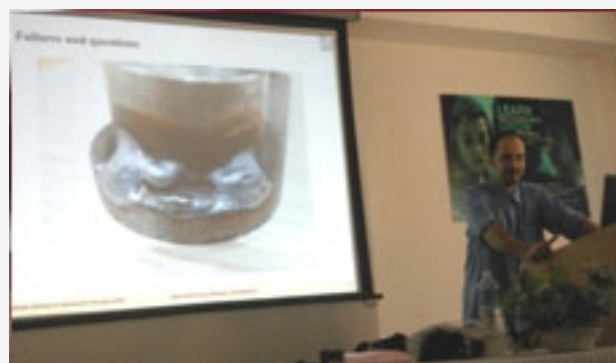
Anuradha at the Venue

Training Program by BestKoki Automotives Pvt. Ltd. (17th - 19th September 2014):

A training programme (second round) was organized from **17th to 19th September 2014** by Mechanical Engineering Deptt of the College for students of Vth Semester (1st batch) in association with Best Koki Automotives Pvt. Ltd.

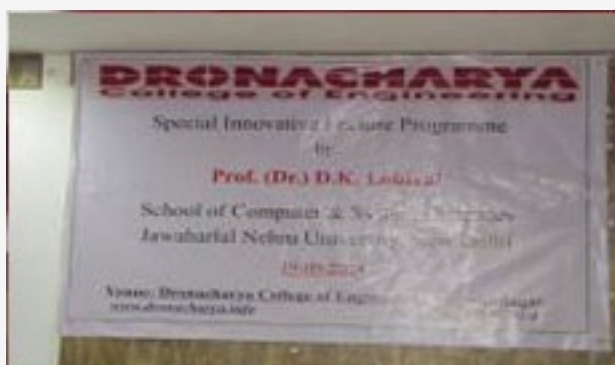
Forty-two students attended the training and they were exposed to **Modern Production Technology** and the skills required by industry. **Mr. Marco Titz**, Project Adviser; Best KOKI provided theoretical and practical training at DCE and their factory. Theoretical concepts were delivered on **17th September** followed by practical at the factory on **19th September 2014**.

The training sessions covered various developments in modern production technology with specific reference to different methods of welding and use of robots.



A Guest Lecture on Wireless Sensor Network(19th September 2014):

Department of Information Technology & Department of Computer Science & Engineering, organized a **Guest Lecture on "Wireless Sensor Network" on 19th September 2014**. The key Speaker was **D.K. Lobiya**, **Professor at School of Computer & Systems Sciences, JNU, New Delhi**. His areas of interests include Mobile Adhoc Networks, Natural Language Processing and Video on demand. Wireless Sensor Networks (WSN) has recently been the focus of a significant amount of attention and effort of the research community. The main motivation behind this lecture was to address the challenges posed by the WSN paradigm, i.e., Limited node power, processing, and communication capabilities, dense network deployment, multi-hop communications, and heterogeneous application-specific requirements.



Banner of the Guest Lecture



Prof D.K. Lobiya addressing the students



**Prof. (Dr.) M.N.Hussain (Hon'able Principal)
Prof. Jitender Kumar (HOD, IT) & Prof. Vishal
Bharti (HOD, CSE) at the lecture**



Hon'able Principal Sir Giving Memento to Guest

IUCEE-Speed Workshop on “Engineering Without Borders”(17th-19th September 2014):

The **SPEED-IUCEE Workshop on “Engineering Education without Borders”** was held at the **Dronacharya Group of Institutions, Greater Noida from 17th -19th September 2014**, with an objective to utilize the knowledge and creative ideas of the students so that real life problems faced by the modern world could be dealt with. Students from different colleges participated in the workshop and gave significant contribution. Five students of Department of Computer Science & Engineering, Gurgaon **Rajat Wason** (15080), **Ronit Yadav** (15083), **Sahil Mudgal** (15091), **Prakhar Sethi** (16115), **Yash Kumar** (16178) attended the workshop. The resource persons from SPEED-INDIA were **Mr. Rohit Kandakatla, President, SPEED India, Mr. Shivay Negi, Internal Affairs Officer, SPEED India** and **Mr. Vinesh Raja, External Affairs Officer, SPEED India**.



Students with their models



Group photograph of students of DCE, Gurgaon

Two Days e-seminar on Steps 2 Research (19th-20th September 2014):

Dronacharya College of Engineering, Gurgaon and Department of Computer Applications, Amal Jyothi College of Engineering, Kerala in technical partnership with the **ISTE Kerala section** and the **CSI Cochin Chapter**, conducted a Two day **National level E-Seminar on Steps 2 Research** from **19th to 20th September 2014** under **NMEICT** (A MHRD initiative). The Seminar focused on understanding research in multiple perspectives and helped researchers to acquaint themselves with recent developments. **Prof. Vishal Bharti**, HOD Computer Science & Engineering being the Remote Centre Coordinator (RC 143) coordinated the seminar. The highlights of the Seminar were discussions on Research Mind Set by **Dr. D. B. Phatak, IIT Mumbai**, Management of Research Process Philosophy and Practical Tips by **Dr. Achuthsankar Nair**, Centre of Bio Informatics, Trivandrum and a talk on the process of Education Research by **Dr. Sahana Murthy**, CDEEP IIT Bombay.



Banner of 2 Day e-Seminar on Steps 2 Research



Prof. Dr. M.N. Hussain and Prof. Vishal Bharti during



Prof. Dr. D. B. Phatak, Project Coordinator Project T10KT, NMEICT delivering session on the Research mind set



Participants during workshop

Regional Social Enterprise Ecosystems in India(18th September 2014):

Villgro and Ananta Center organized the launch of **"Regional Social Enterprise Ecosystems in India" at WWF India Auditorium, Lodhi Estate, New Delhi on 18th September 2014. Mr. Amar Saraswat**, Assistant Professor, Department of Computer Science & Engineering represented Dronacharya at the event.

Regional Social Enterprise Ecosystems in India is a research project by VILLGRO & OKAPI Research. The event was sponsored by Villgro Possible, International Development Research Centre (IDRC), OKAPI, CRDI, Ananta Centre and Citi Foundation. Over six months, Villgro worked with Okapi to research nine cities in India such as Pune, Patna, Jaipur, Chandigarh, Bhopal, Guwahati, Bhubaneswar, Thiruvananthapuram, Lucknow in parallel with Villgro's unconventional social enterprise events conducted in these cities, incorporating both conventional research methods such as observation and surveys, and also a focus on understanding local entrepreneurs' perspective through dialogue and discussion.



Panel Discussion by Mr. Phanindra Sama, Mr. Chintan Bakshi, Ms. Maneesha Chaddha, Mr. Balasubramanian Munuswamy & Mr. P R Ganapathy



Presentation given by Ms. Lina Sonne



Mr. Amar Saraswat during the Event

Conclave on Entrepreneurship organized by AICTE (19th September 2014):

The All India Council for Technical Education (AICTE) organized a one-day **Conclave on Entrepreneurship Education on 19th September 2014 at Hotel Ashok, New Delhi** to discuss the relevance and importance of Entrepreneurship, Startups and Incubation Centres in Academic Institutions. The Conclave was inaugurated by **Smt. Smriti Zubin Irani, Minister of Human Resource Development, Govt. of India**, and was addressed by many senior government functionaries and successful entrepreneurs in various sectors from across the Country. **Ms. Pratibha Sharma**, Asst. Professor, Department of Computer Science & Engineering attended the event.

During the Inaugural Speech, **Smt. Smriti Irani** said that Indian Institutes of Technology (IITs) are ranked fourth in a list of 50 best entrepreneurial undergraduate institutes in the world. Sharing the achievement at an AICTE conclave on 'Entrepreneurship Education', she said that the feat calls for further celebrations as the IITs have been ranked higher than some of the best Ivy League universities such as Harvard.



Smt. Smriti Zubin Irani Minister of Human Resource Development, Govt. of India



Interaction between delegates at the Event



Padma Shri Pritam Singh, Director General, IMI, New Delhi and Mr. Subhash Ghai, Chairman, Whistling Woods International at the Conclave



Ms. Pratibha Sharma at Conclave

Youth Leadership Summit (19th - 21st September 2014):

Saurabh Setia, Roll No. 15097, a student of Computer Science & Engineering Department, attended **Youth Leadership Summit (YLS)** held from **19th -21st September 2014** at The Gold Palace & Resort, Jaipur. **YLS** was a three-day residential conference designed by **The Education Tree**, which aimed at honing the leadership skills of the participants and substantially contribute to their personality development, through a series of workshops and training sessions. It was one of a kind opportunity to integrate fun and frolic to meet new people and engaging with them through thought provoking activities.



Young Leadership Summit



CSE student at the Summit

Re-Engineering Life-Rethink & Rejuvenate - Workshop for Engineers (20th September 2014):

On the occasion of Engineers day, a one-day workshop on "**Re Engineering Life Rethink, Revive and Rejuvenate**" was organized by **Brahma Kumari Om Shanti Retreat Centre** on **20th September 2014**. **Ms. Renu**, Assistant Professor and **Mr. Niraj Kumar**, Assistant Professor, Department of Computer Science & Engineering with **Ms. Anshul Vats**, Assistant Professor, Department of Information Technology represented **Dronacharya College of Engineering, Gurgaon** in the workshop. The workshop was organized at a pleasant environment of a sprawling green location away from the city at peaceful **Om Shanti Retreat Centre, Gurgaon**. This workshop was organized for engineers and the objective of this workshop was to discuss the issues that prove to be an obstacle in a happy life. The focus was on how to achieve a happy life with a change in thought and lifestyle.



Introductory session by Sister Ranjana



Mr. Neeraj at the workshop

2nd Indo German SME Forum 2014 (22nd - 23rd September):

The **2nd Indo-German SME Forum** jointly organized by the Micro, Small and Medium Enterprises (MSME) programme of GIZ, Ministry of Micro, Small and Medium Enterprises, Small Industries Development Bank of India, Indo-German Chamber of Commerce and Federation of Indian Chambers of Commerce and Industry (FICCI) was held on the **22nd & 23rd September, 2014 at Hotel Lalit, New Delhi**. **Ms. Pratibha Sharma**, Asst. Professor, Department of Computer Science & Engineering, Dronacharya College of Engineering, Gurgaon attended the 2 days event. The forum focussed on the theme of "**Cluster Internationalization**" and provided a platform to foster linkages between public authorities, cluster / industry associations and other service providers from India and Germany.

The inaugural session started with the welcome address by **Mr. Stefan Helming, Country Director, GIZ**. After that, **Dr. Martin Hanz, Deputy Chief of Mission (DCM) and Head, Department for Economic and Global Affairs, German Embassy** shared his views on Indo-German Development Cooperation: Fostering Indo-German Exchange. The inauguration ceremony continued with introduction to MSME Development Framework by **Mr. Madhav Lal, Secretary, Ministry of MSME, Govt. of India**. Lastly, **Mr. Wolfgang Leidig**, Programme Director, MSME Programme, GIZ shared his views on Promotion of Innovation in SME: Project Preview.



Mr. Stefan Helming, Dr. Martin Hanz, (DCM) Mr. Madhav Lal, Secretary, Min. of MSME, Govt. of India & Mr. Wolfgang, Leidig, Prog. Director, MSME Prog., GIZ



Mr. Poul V. Jensen, Director, EBTC at the event



Delegates at the Event



Ms. Pratibha Sharma at the Event

One Day Industrial Visit to National Physical Laboratory (NPL), New Delhi (30th September 2014):

One day industrial visit to **National Physical Laboratory (NPL)**, Dr. K.S. Krishnan Road, New Delhi-110012 was organized by ECE Department. **Mr. Sumit Kumar**, Asst. Prof, accompanied a group of **thirty students of V Sem ECE** on the occasion of **CSIR Foundation Day** on **30th Sep 14**.

The objective of this visit was to involve students in **NPL research activity**, where they got chance to meet experts of diverse fields, especially in micro/nano electronics. The guides for the visit at NPL were the dedicated Ph. D and research scholars who were capable enough to answer the queries raised by the students during the visit.



Winners :

- ✚ **Nikhil Goel** (Roll No: 14455), **Gaurav Sharma** (Roll No: 14422), **Monu Mukerya** (Roll No: 14448) and **Ishaan Madaan** (Roll No: 14430) Final Year Students of Department of Information Technology as their Project "MISSING ONE" have been **ranked amongst top 5 Position of IBETO EXCEL 2014 Project Competition** held in Association with IEEE.



- ✚ **Deepak Vashisth** (Roll No: 14413) and **Nikhil Goel** (Roll No: 14455) have been **ranked 3rd and 4th** respectively in the **Gamification Round of IBB2014**.



Students Speak :

"The question of whether a computer can think is no more interesting than a question of whether a submarine can swim"

It feels great and illustrious to be the part of most established department of the college. Our Head of Department always comes up with enthusiastic ideas and encourages the students to participate in various events. Moreover, our lecturers aid the students to a great extent.

This Department offers core academic strength in many areas like software engineering, artificial intelligence, computer graphics and virtualisation and networking. Besides, the Department focuses on interdisciplinary activities through various events. I feel really obliged to be part of this esteemed Department and on being a student of **Dronacharya College of Engineering**.



Vandana Tayal
(Roll No. 15112) CSE

I feel immensely privileged to be a part of the Department of Computer Science & Engineering from the very first day. The Department aims at all round development of the student. Students are furnished with the opportunities to be a member of National and International technical societies and are encouraged to go for the qualitative certifications of the technical languages. Being in CSE, I realised our Mentors know that in the path of success there will always be rocks but they teach us to make the bridge out of those stones. It's indeed a privilege to be part of CSE; students enjoy the grooming process and are assured of an all-round development. In short, I would say that the department taught me, **"We become what we want to be, by consistently being what we want to become each day."**



Chetna Mahajan
(Roll No. 15022) CSE

"Faith is the bird that feels the light and sings when the dawn is still dark."

This strength and belief in oneself developed in me, the moment I joined the Dronacharya family. I feel the course of my progress well-lighted by the Computer Science faculty members. Our Head of Department, Prof. Vishal Bharti, always guides all the students to take new steps, to be technically-creative and innovative. Our Mentors nurture all of us with a doting heart and they believe in the potential of each student. In CSE Department, we are taught "Take Small Steps each day. You might not get there today, but you'll be closer than yesterday". Students enjoy the journey from being technical aspirants to an engineer. It's not always the best qualification or talent which makes a person stand out in the crowd; punctuality, way of communication and discipline is also essential in the over-all growth of a person. Our Department tries to awaken students' conscience and enlighten their path of success. I too am looking forward to face the world with the morals instilled in me by my mentors.



Ayushi Mishra
(Roll No.15018) CSE

Embrace yourself students; the CSE department of **Dronacharya College of Engineering** is heading you towards success. With the best quality of faculty you can ever get, you will be nurtured from a bud to a flower. They not just help you in making your best but they will make you best amongst the rest of the people. The college has transformed our life completely; the Faculty along with our Head of Department, **Prof. Vishal Bharti**, has ennobled our vision. They have taught the students how they can achieve what they want. With a clear vision, best faculty and amazing technical and moral support, the students of Department of Computer Science & Engineering, DCE will surely stand out from the rest in their career and life.



Karan Bhalla
(Roll No.15042) CSE

Being a member of the Dronacharya family, inculcates in me a sense of extreme proud and honour. I feel proud to be associated with the Department of Computer Science & Engineering of our college. Our Head of Department, Prof. Vishal Bharti, and his relentless efforts for updating all his students technologically, is markedly incomparable. Certainly, the Department excels in all types of exposures extended to the students from the foundation courses to the International levels events. The faculty members mentor each of us individually to turn us into well-deserving professionals. The Department surely grooms each individual and prepares him/her in a way that they can stand strong and confident to face all the challenges and can work adaptively for any organisation in the future.



Tayna Sharma
(Roll No.14106) CSE