



Dronacharya College of Engineering

ISSUE

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Mechanical Engineering

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From Editor's Desk :

Success is nothing more than a few simple disciplines, practiced every day.

- Jim Rohn



'**Success**' does indeed come frequently, but it does not come '**easily**' - it comes because of hard work and thoughtful endeavours. Welcome back at the beginning of 2016, a year with much of an enviable opportunities and with much to build on from 2015 in a year that could bring great changes to technology and transparently restructure the education system to guarantee graduates with a consistent level of skills and knowledge when measured by global standards.

With a quick mastering shift from "**me**" to "**we**", **Dronacharya College of Engineering, Gurgaon** continuously stretching its boundaries by tapping into a broad array of **sponsored projects** to enhance the university's academic programs, broaden its **research resources**, provide opportunities for **students' participation in research**, strengthen **institution- industrial partnerships**, and serve the wider community.

As everyday objects are going online, so too are experiences; creating a profusion of digital tools that reach deep into every aspect of individuals' lives. Technology is poignant at a breakneck pace. **Mechanical Engineering** is perhaps the most comprehensive of all the engineering disciplines and, it is a foundation built not only on mathematics and science but also on technology, where learners are exposed to the prerequisites of mechanical engineering, from advanced **computer - aided engineering tools to manufacturing parts**. It is largely with technology that contemporary mechanical engineering dwell on.

We at **Dronacharya**, remain focused on the delivery of **high-class teaching** and on expanding the excellence and diversity of our research across disciplines. We believe that the integration of teaching and research must be maintained if students are to be benefitted from exposure to the constantly expanding boundaries of knowledge. With this aim in mind, we look forward to a year when we not only achieve the instantaneous potential to work in the leading research areas, but also excel in our academic endeavors. 2016 will surely bring us the opportunity of more Success.

So, with the first issue of 2016, I wish, "**May the New Year bestow the strength to face the challenges and courage to adjust our sail as it's time for reaffirmations and dreams afresh, for embracing new joys and embarking on new voyages.....**"

Editor, (Dr. Parul Mishra)

From HOD's Desk :

Man cannot discover new oceans unless he has the courage to lose sight of the shore.

-Andre Gide

Gone are the days when mere technical knowledge was enough to become a successful Engineer. Equally essential soft skills e.g. leadership, problem solving abilities, management of resources, verbal & non-verbal communications, eagerness for creative and innovative solution to problems within and outside our work spheres, are prerequisites in any organization. Today, it's not only the technical skills, but also interpersonal skills that are essentially demanded by industries. And the most important for an Engineer today are **ABC's the Attitude, the Behavior and Communication skills.**

Dronacharya College of Engineering, Gurgaon leaves no stone unturned in providing a platform to its technocrats; to enhance and showcase their skills; improve their knowledge and create a path to their success. Through cutting-edge research and multi-career oriented curriculum, **DCE** cultivates researchers with a high level of expertise and wide range of scientific knowledge who can easily collaborate with the tech-world. The department organizes various **Workshops, Seminar, Conferences, Project Competitions, Industrial Visits and Preparatory Sessions** for **GATE** as well as **Placements.**

Today, it's vital to stay apace with latest technical practice being followed in top organisations of different industries. Nobody gets success simply by hoping for it. To realize true success, person needs dedication and commitment and above all passion to achieve aspirations and goals. I hope that our students, faculty members and the department as a whole may achieve great success through hard work and knowledge, keep themselves open to the ever-changing requirements of industry & education. I convey my best wishes to all the students and faculty members in their endeavor to achieve excellence in all the spheres of their activities. I wish you all, a continuing successful, rewarding New Year 2016.

"The best preparation for tomorrow is doing your best today."

Head of Department, Prof. R. K. Gupta



Thoughtful Quotes :

- ❖ **Success is finding satisfaction in giving a little more than you take.**
Christopher Reeve
- ❖ **We are all now connected by the Internet, like neurons in a giant brain.**
Stephen Hawking
- ❖ **He who has the knowledge has the responsibility to impart it to the students.**
Rabindra Nath Tagore
- ❖ **Every new beginning comes from some other beginning's end.**
Seneca
- ❖ **Only those who will risk going too far can possibly find out how far one can go.**
T.S. Eliot

Events :

Indo-Belarus Workshop on “Nanomaterials & Technologies”:

Mr. Lokesh Kumar & Mr. Vikrant Yadav attended an **INDO-BELARUS** workshop on “**Nanomaterials and Technologies**” on **November 16th-17th, 2015** at **IBIS Hotel, Gurgaon**. The workshop was organized jointly by **International Advanced Research Centre for Powder, Metallurgy and New Materials (ARCI) Hyderabad, India and State Scientific Institution & The Powder Metallurgy Institute, Republic of Belarus**. The workshop was sponsored by **Department of Science and Technology (DST), India and Belarussian Ministry of Science and Technology, Belarus**. **30 delegates** including noted scientists, researchers and academicians from India and Belarus attended the workshop. The delegates were from the reputed institutes such as **PMI Belarus, DST India, CSRI India, CGCRI Kolkata, HPCL Bengaluru, DRDO India, ARCI Chennai, NAS Belarus, State University Minsk Belarus, State University Gomel Belarus, INST Chandigarh, IIT Delhi, IIT Roorkee** etc.

The workshop included the keynote lectures and research paper presentations by the delegates in the field of Material Science. The research proposals in the field of Material Science, Nanotechnology, Nano Science, Magnetic Materials, Nano Ceramics etc. was shared by delegates. Some specific fields were identified where India and Belarus could work together and an MoU was signed between **Department of Science and Technology (DST), India & Belarussian Ministry of Science and Technology, Belarus** to cooperate with each other.



Lecture delivered by Prof. Uladzimir Labunou



Lecture delivered by Prof. Ashok K. Ganguli

Water Innovation Summit by CII:

On **16th November 2015**, **Prof. (Mrs.) Meeta Verma, HOD, Civil Engineering** attended the **Water Innovation Summit - Making India Water Secure: Imperative for Smart Cities & Make in India Mission** organized by the **Confederation of Indian Industry (CII)** at the **Hotel Leela Palace, New Delhi**. The Chief Guest of the event was **Sushri Uma Bharti, Hon'ble Union Minister of Water Resources Ministry, GOI**. The Summit focused on the scope and opportunities in the sector; sharing national and international perspective including case studies that demonstrated **approaches towards achieving water security** for effective delivery of the **Integrated water management** Programs.

The main aim was to bring forth a range of solutions to deal with increasing uncertainty with regard to availability & quality of water as one of the key challenges in successful implementation of the **National Missions announced by the Hon'ble Prime Minister of India: The Smart Cities Mission, and the Make in India initiative**.



Mr. Dhruv M Sawhney, Chairman CII- Triveni Water Institute & Past President CII & CMD Triveni Engineering Industries Limited, delivering the theme during the session



Prof. Meeta Verma during the session

Short-Term Course on Achieving Management Excellence from 16th - 20th Nov 2015 at NITTTR, Chandigarh:

Prof. Dimple Saproo, Head, Department of Electronics & Communication Engineering of Dronacharya College of Engineering, Gurgaon attended the Short-Term Course on "**Achieving Managerial Excellence**" organized by **NITTTR Chandigarh** from **16th to 20th November 2015**. The objective of the course was to Understand Strategic Planning and Management concept, model and method for achieving excellence. Participants were enlightened with the behavior management theory. An activity on **SWOT analysis** was also conducted to understand leadership skills.



Group photograph of the participants with Eminent Speakers



Ms. Manjula Thakur interacting with the participants

ICT Workshop on Student Evaluation in Collaboration with NITTTR Chandigarh (16th - 20th November 2015) :

A five- day workshop on "**Student Evaluation: Instructional Planning and Delivery**" was organized at **Dronacharya College of Engineering, Gurgaon** as a **nodal center** in collaboration with **NITTTR, Chandigarh** from **16th -20th November 2015**. Faculty Members from all the departments of **Dronacharya College of Engineering, Gurgaon** participated in the workshop. **Dr. Sunil Dutt, Professor, & Dr. P. K. Tuls, Professor & Head of Department, Education Management Department**, briefed about writing test items, framing the questions, language to be used while framing the question, tasks on designing the test items and following the rules that were discussed for evaluation. The workshop solved its purpose and motivated the faculties to evaluate the learning of students on regular periodic basis and adapt to the need of the time.



Participants during the workshop



Dr. P. K. Tulsii, Professor & Head of Department, Education Management Department, explaining about student evaluation

Indira Gandhi National Service Scheme Award Ceremony 19th November, 2015 :

The **Indira Gandhi National Service Scheme (NSS) Award** for the year **2014 - 15** was presented by **Honorable President Pranab Mukherjee** at the **Rashtrapati Bhavan, New Delhi** on **19th November, 2015** to the individuals, volunteer groups and educational institutes for their active participation and contribution in social welfare. Two NSS Faculty Co-ordinator **Dr. Neelam Ruhil** and **Mr. Ashok Kumar** represented **Dronacharya College of Engineering** at the event.



Workshop on All India Survey on Higher Education (AISHE):

One day Workshop on All India Survey on higher education (AISHE) was organized in the **RK Auditorium of Maharishi Dayanand University, Rohtak** on **20th November 2015**. **Prof. (Dr.) Jitender Kumar, IQAC** Coordinator of **Dronacharya College of Engineering, Gurgaon** attended this workshop. The workshop was conducted by the **AISHE** cell of **MDU Rohtak** and the principals / **IQAC** / **AISHE** coordinators of all colleges affiliated to **M.D. University Rohtak**. More than **400 participants** from various colleges participated in the workshop. The purpose of the workshop was to know the difficulties faced by the participants in filling the survey and to make them aware about the **AISHE's** benefits & importance.



Sh. Arun Joshi delivering his address

Progress of AISHE 2012-13, 2013-14 and 2014-15
Haryana
As on 19.11.2015

Type	2012-13			2013-14			2014-15		
	E	U	%	E	U	%	E	U	%
Universities and Others	25	25	100	51	28	54	56	22	61
Colleges	1090	574	53	1115	702	63	1130	579	51
Standards	127	98	80	151	93	62	111	94	85
All India (N)	98	68	70	93	75	80	72	58	62

E: Enrolled U: Unenrolled

Data shared by Mr. B.N. Joshi on progress of AISHE

Workshop on Power Quality at IIT Delhi 25th November 2015 :

The **IEEE PES - IAS Delhi** Chapter organized a workshop on **Power Quality** at **IIT Delhi** on **25th November 2015**. Two Faculty **Dr. Deepika Yadav** and **Ms. Charu Jain** along with students **Swati Sharma** and **Pranjal Dunga** from EEE department of **Dronacharya College of Engineering, Gurgaon** attended the workshop.

The expert faculties who graced the workshop were **Dr. Peter Sutherland**, DL PES GE Energy Industrial Solutions, USA, **Prof. Bhim Singh**, IIT Delhi, **Dr. Sukumar Mishra**, IIT Delhi, **Dr. B.K. Panigrahi**, IIT Delhi.



Visit to Indian Market Research Bureau on 26th October 2015 :

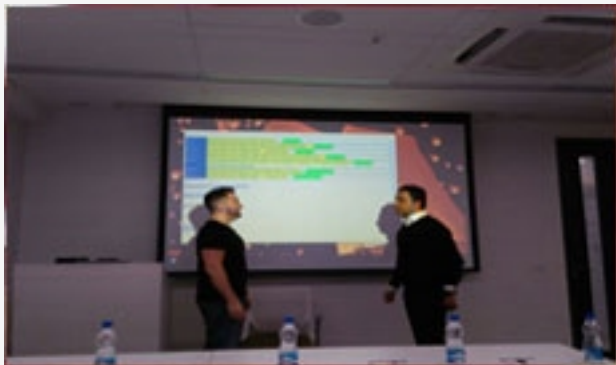
Ten Students from Department of Computer Science & Engineering of Dronacharya College of Engineering, Gurgaon visited the **Indian Market Research Bureau (IMRB), Delhi** on **26th November 2015**. The visit was organized by **DCE ISTE Student Chapter** to celebrate the Constitution Day **with the motive to give the students a brief understanding of market research**. **IMRB** is a multi-country market research, survey and business consultancy firm that offers a range of syndicated data and customized research services. It was very educative experience for the students. The visit helped them to learn about the need of market research and the steps involved in effective research.



Students along with faculty members at the Company Mr. Amit Kumar giving the introduction about the company

A Report on Office 365 Education Partner DevCamp:

Microsoft organized a two - day event named "**Office 365 Education Partner Dev Camp**" to introduce Office 365 API's at Microsoft Corporation (India), DLF Phase - 2, Gurgaon from **26th - 27th November 2015**. **Mr. Senaj Seleli** who is a German Microsoft Most Valuable Professional (MVP) delivered the session. Eight students of CSE Department namely **Priya Yadav (16955)**, **Nishant Kumar(17096)**, **Lokesh Pandey (17074)**, **Mohit Manuja (17087)**, **Kashika Grover (17064)**, **Leetasha Maheshwari (17073)**, **Vikas Kumar (17170)** and **Saket Kumar (17121)** from **Dronacharya College of Engineering, Gurgaon** attended the event.



Smart Manufacturing Summit 2015 at The Eros Hotel, New Delhi :

On **27th November 2015**, **three faculty members, Ms. Amninder Kaur, ECE, Tanushree Bhattacharyee, EEE and Anil Kr. Gillawat ME**, attended "**Smart Manufacturing Summit 2015**" organized by **Confederation of Indian Industry's (CII)** Manufacturing Council at Royal Ballroom, **The Eros Hotel, New Delhi**. The objective of this event was to bring together senior business leaders and policy makers for a unique, high level discussion for putting the Indian 4.0 industrial ecosystem in place. The summit comprehensively covered compelling reasons for industry to adopt Smart Manufacturing such as Cost efficiency, Elimination of waste, faster time to market, producing zero defect products, creating efficient supply chain processes, managing fierce competition in a global market and need for agility due to fast-changing customer needs.



Mr. Nigel Harris, President & Managing Director Ford India Pvt. Ltd. during his session



Faculty Members from DCE, Gurgaon during the event

Industrial Visit to Pragati Power Corporation Limited :

The Department of Electrical and Electronics Engineering of **Dronacharya College of Engineering, Gurgaon** conducted an industrial visit to **Pragati Power Corporation Limited**, New Delhi on **28th November 2015**. Nineteen students out of which seventeen from EEE and two from ECS Department visited the plant with faculty member **Mrs. Tanushree Bhattacharjee**. Pragati Power Corporation Limited is an undertaking of Government of NCT of Delhi. It was incorporated on **9th January, 2001** to undertake power generation activities for supplying power to Delhi. It is one of the leading Undertakings of GNCTD



Mr. Anand Prakash guiding students

Survey Camp & Educational Tour :

Civil Engineering Department of **Dronacharya College of Engineering, Gurgaon** organized a survey camp cum educational tour for the students and the faculty members from **28th to 29th November 2015**.



Students working on plane table during camp



Students group during survey camp to Dehradun

23rd National Children's Science Congress - 2015 :

On **28th & 29th November 2015**, **23rd National Children's Science Congress- A program of National Council for Science & Technology Communication, Department of Science and Technology, Government of India** was organized at **D.A.V. Multipurpose Public School Sonipat (Haryana)**. The focal theme for **NCSC - 2015** was "**Understanding Weather and Climate**". **Dr. R.C. Sharma, Professor, Dept. of APS&H, Dronacharya College of Engineering Gurgaon** was invited as Evaluator/Judge in order to evaluate the projects presented by the child Scientists. He was awarded **Certificate of Appreciation** for services rendered as an Evaluator/Judge. The event was inaugurated by **Er. Anuj Sinha, Chairman, National Council for Science and Technology Communication Network, Department of Science and Technology Government of India**. During the inaugural address **Er. Sinha** stressed on the active involvement of child scientists to solve the problems of their locality by scientific enquiry and research through systematic observation and analysis. He empathies the need of science popularization in society by infusing scientific temper in child scientists. In this event, eighty six teams of **Child Scientists from Haryana** state presented their projects on above said focal theme and related sub-themes.



Prof. (Dr.) R.C.Sharma, Department of Applied Sciences & Humanities, Dronacharya College of Engineering Gurgaon receiving prize and Certificate of Appreciation for services rendered as Evaluator in 23rd National Children's Science Congress

Two - Week ISTE STTP on Technical Communication, IIT Bombay:

Two-Week ISTE STTP on Technical Communication was organized from **30th November - 5th December 2015** by **IIT Bombay** under the **National Mission on Education through ICT, MHRD, Government of India** at its **Remote Center 1299, (Dronacharya College of Engineering, Gurgaon)**. **Dr. Sahab Singh, Associate Professor & Workshop Coordinator** with **41 faculties** across several domains participated in this program throughout the week enthusiastically. The main objective of this workshop was to focus on **Scientific Methods of Technical Communication** through an advanced high-level online interaction with the prominent IIT Bombay Professors and to promote it as a culture of investing in human capital development for making India a pool of skilled resources for a better future.



Workshop Participants along with Principal Sir during Photo Session

MSME Solar/LED Expo - 2015 National Vendor Development Program - Cum-Industrial Exhibition on 2nd - 3rd December:

Ms. Amninder Kaur, Associate Prof., ECE attended '**MSME Solar/LED Expo -2015, National Vendor Development Program cum Industrial Exhibition on 2nd -3rd December 2015 at MSME Development Institute Okhla, New Delhi** sponsored by **NSIC**, Solar Energy Corporation of India (**SECI**), Ministry of New & Renewable Energy (**MNRE**), Govt. of India. The expo gathered around **30 companies** which showcased their products at the event. The main motto of all the participated organizations was to focus on lighting solutions with high quality and competitive pricing in Indian market.



Mr. R. K Panigrahi, Director, MSME Development Institute, delivering the inaugural speech



Mrs. Amninder Kaur during the event

5th University- Industry Congress :

Confederation of Indian Industry (CII) in collaboration with **All India Council for Technical Education and Ministry of Human Resource Development, Government of India** organized the **Global Higher Education Summit** on **2nd -3rd December 2015** at **Scope Complex Lodhi Road, New Delhi**. The Summit Theme was **"Think in India - Skill in India - Make in India"**. **Mr. Yashvardhan Soni, Associate Professor, Information Technology Department and Mr. Ravi Dutt Assistant Professor, APS Department attended the summit**. The objective of this summit was to facilitate partnerships among institutes and industry for research, better teaching tools, enhancing the employability of students, creating more relevant curricula, training the trainers and capacity building in teaching arena, among others.

The summit created a platform to discuss the following issues like, **Digital Learning, New Education Policy, Accreditation & Rankings, Industry-Academia Collaborations, Internationalization of Higher Education in India, Research Partnerships between Industry & Institutes, Higher Education in States and Union Territories of India**.



Mr. Yashvardhan Soni, Associate Prof. IT, DCE, Gurgaon at the event



Mr. Yashvardhan Soni with the Delegates and attendees

CSI Golden Jubilee Annual Convention on "Digital Life" :

To celebrate **50th year, the Golden Jubilee, Computer Society of India (CSI)** organized a four-day **Annual Convention** and series of Board Meetings from **2nd - 5th December 2015** at **FICCI Auditorium, Delhi** and **Bharti Vidyapeeth's Institute of Computer Applications and Management, New Delhi**. **Mr. Vijender Singh Hooda, Associate Professor & CSI Branch Head, DCE, Gurgaon** from Department of Information Technology and **Mr. Amar Saraswat, Assistant Professor, Department of Computer Science & Engineering, Dronacharya College of Engineering, Gurgaon** attended the convention. **Prof. Bipin Mehta, President, CSI** discussed about various areas such as Digital Connectivity, Bharat Net Program, and Digital Lockers. Prof. Mehta also discussed about importance of Optical Fibre Network, Accessibility for internet to every citizen, quality of education, Mobile connectivity and Digital Identity. CSI Annual Awards (HQ and ED) Function were also held, in which **Dronacharya College of Engineering, Gurgaon received the prestigious "Best Accredited Students' Branch Award"** for the year 2014-2015, by Prof. Bipin V. Mehta, President, CSI. **Mr. Vijender Singh Hooda** also received the **"Longest Serving SBC Award"** by the Members of CSI.



Mr. Vijender Singh Hooda & Mr. Amar Saraswat receiving Accredited Students' Branch Award"



Mr. Vijender Singh Hooda receiving "Longest SBC Best Award"

Industrial Automation Summit 2015 on 4th December 2015 :

Confederation of Indian Industry (CII) organized the **Industrial Automation Summit: "Managing Today Operational Challenges and Being Ready for Tomorrow's Growth"** on **4th December 2015** at **The Crowne Plaza, Gurgaon**. The focus of Summit was on Innovation and Quality driven manufacturing. Three Faculty members **Ms. Amninder Kaur** (ECE), **Mr. Chandra Shekhar**, (EEE deptt.) and **Mr. Rajesh Mattoo** (ME deptt.) from **Dronacharya College of Engineering, Gurgaon** attended the summit.

The participants at the summit included domestic and international automation and robotics professionals and experts from the field of Industrial Automation community, leading companies in the field of Automation, Robotics, Technology & Service Providers, Auto and Auto Components manufacturers along with other stakeholders.



Indian International Science Festival, IIT Delhi from 4th - 8th December 2015 :

Three faculty members, **Ms. Charu Jain**, Assistant Professor, **EEE**, **Mr. Ashish Gambhir**, Assistant Professor & **Mr. Sumit Kumar**, Assistant Professor, **Department of Electronics & Communication Engineering** of **Dronacharya College of Engineering, Gurgaon** along with **five students** attended the first **India International Science Festival (IISF)** from **4TH -8TH DECEMBER 2015** at **IIT Delhi** Campus. The event was organized by **Ministry of Science and Technology and Earth Sciences, Government of India and VIBHA (Vijnana Bharti)**. **IISF** showcased innovative science models and presentations created by students as part of '**Innovation in Science Pursuit for Inspired Research (INSPIRE)**' a program sponsored and managed by the **Department of Science & Technology** for attracting young talent and encouraging the pursuit of science.



Mr Sumit Kumar, faculty, DCE, Gurgaon at IIT Delhi



Students and faculty members during their visit to IISF - 2015

MSP & MVP Meet on 5th December 2015 :

On 5th December 2015, Ms. Sarita, Assistant Professor, Department of Computer Science & Engineering and Ms. Jyoti Pruthi, Assistant Professor, Department of Applied Sciences & Humanities along with 50 students from Dronacharya College of Engineering, Gurgaon attended an Interactive session for the Microsoft Student Partners (MSPs) and Most Valuable Professionals (MVPs) of Delhi/NCR region at Microsoft Corporation (India) office, Gurgaon organized by Microsoft India. Mr. Prabhjot Singh Bakshi who currently works as Most Valuable Professional (MVP), Mr. Aditya Mohan (Marketing Team, Microsoft), Mr. Gandhrav Rawat (Community & Online Supporter at Microsoft) & Mr. Biplab Paul (Employee at Microsoft, Bangalore) delivered the session. The session was very helpful as students came to know a lot about IOT, MSP and MVP programs.



Mr. Prabhjot Bakshi during the event



Ms. Sarita & Ms. Jyoti Assistant Professor along with students at Microsoft office

QIP Short Term Course on “Fundamentals of Engineering Tribology with Applications”:

Mr. Vikas Sahu, Assistant Professor and Kumar Jyotirditya, Assistant Professor, Department of Mechanical Engineering, attended a five-day QIP Short Term Course on “Fundamentals of Engineering Tribology with Applications” was conducted by IIT DELHI, at Department of Mechanical Engineering, from 7th - 11th December 2015. The workshop was coordinated by Prof. Harish Hirani, Department of Mechanical Engineering, IIT DELHI. Around 65 faculties from different technical colleges (including IIT's, NIT's) from India participated in the workshop.

The objective of the workshop was to introduce the **Fundamental of Engineering Tribology and its Application** in various mechanical system like bearings, shafts and all other interacting surface in relative motion that include any type of tribological applications.



Vikas Sahu, Assistant Prof, ME, attended QIP Short Term Course on "Fundamentals of Engineering Tribology with Applications"



Kumar Jyotiraditya, Assistant Prof, ME, attended QIP Short Term Course on "Fundamentals of Engineering Tribology with Applications"



QIP participants with the course coordinator Prof. (Dr.) Harish Hirani

India China SME Business Session at Indian Habitat Centre, New Delhi :

Mrs. Manjari Saxena (Assistant Professor ME), **Mrs. Sakshi Pahuja** (Assistant Professor, ECE), Ms. Parul Bansal (Assistant Professor, ECS), **Mrs. Tanushree** (Assistant Professor, EEE) and **Ms. Ashu Khurana** (Assistant Professor, CSE) of **Dronacharya College of Engineering, Gurgaon** attended the **India China SME Business Session** organized by **Confederation of Indian Industry (CII)** in partnership with the Ministry of Micro, Small and Medium Enterprises, Government of India on **8th December 2015** as a part of the Global SME Business Summit (**7th-8th December 2015**) at India Habitat Centre, New Delhi.

The objective of the summit was to provide a platform for global SMEs to connect for prospects of mutual benefits and explore emerging markets while ensuring their successful integration with the Make in India initiative which aims at propelling the growth of the Indian manufacturing sector.

The session was attended by prominent entrepreneurs of China and India who wish to invest in both the countries to enhance business opportunities and making human life better and convenient. The opening remarks were given by **Mr. Ligi George (Co-Chair, CII FFC Governing Council, CII National SME Council)**. He also mentioned that being neighbors, India and China can greatly benefit each other in terms of technology and trade.



Faculty Members from Dronacharya College of Engineering, Gurgaon at the event



Mr. Ligi George giving the opening remarks

Cluster Meet with NEN Regional Manager on 8th December 2015 :

On **8th December 2015**, **Dronacharya College of Engineering, Gurgaon** in collaboration with **National Entrepreneurship network (NEN) and Wadhvani Foundation** made sincere efforts to support **Building a Robust Entrepreneurship Ecosystem** and run high impact programs for students. To fulfill the purpose, a meeting with NEN, Regional Manager, Delhi NCR was hosted at **Birla Institute Management and Technology (BIMTECH), Greater Noida**. **Prof. Vishal Bharti, Head, Department of Computer Science and Engineering Department & Incharge E-Cell (Entrepreneurship Development Cell)** represented **Dronacharya College of Engineering, Gurgaon** in the meeting. The agenda of the meeting was to connect with the position holders and discuss how together they can enhance the entrepreneurship development in the region and understand the key requirements. **NEN** is planning to launch many programs like **Entrepreneurship Internship Programs (EIP)** for providing entrepreneurial internships to students, Incubation Centre where a space will be set up for entrepreneurship mentors to interact with students.



Mr. Asgar Ahmed, Director, National Entrepreneurship delivering his views during meeting



Delegates during the meeting

Two Week ISTE STTP Workshop on Engineering Physics Under National Mission on Education through ICT (Mhrd, Govt. Of India):

A two Week ISTE STTP Workshop on Engineering Physics was organized at Dronacharya College of Engineering, Gurgaon from 8th to 18th December 2015 under the **National Mission on Education through ICT (MHRD, Govt. of India)**. This workshop was conducted by IIT Bombay through ICT. This workshop was coordinated with IIT Bombay by the Remote Center Coordinator, **Dr. Jitender Kumar**, Workshop Coordinator, **Dr. Surender Yadav** and 13 faculty members attended the workshop.

The key speakers for the workshops were **Prof. Deepak B. Pathak, Prof. Tomey, Prof Dipan K Ghosh, Prof. Shiva Prasad and Prof. K.G. Suresh** eminent Professors of IIT Bombay.



Participants attending IIT Bombay Workshop at DCE, Gurgaon



Group Photo of all participants' attended Workshop of IIT Bombay Physics at DCE, Gurgaon

5th National Summit on Institutionalizing Academia-Industry Interface on Make in India, Smart Cities,

Social Impact:

Ms. Sakshi Pahuja, Associate Professor, ECE, Ms. Parul Bansal, Assistant Professor, ECS, Ms. Charu Jain, Assistant Professor, EEE, & Ms. Chitra Kaul, Associate Professor, IIT of Dronacharya College of Engineering, Gurgaon attended the '5th National Summit on Institutionalizing Academia-Industry Interface on **Make in India, Smart Cities, Social Impact**' organized by PHD National Builders Forum on **9th December 2015** at **PHD Chamber, New Delhi**. The objective of the summit was to provide a platform for academicians, corporate leaders and government personalities to share their views on the social issues related to technology in today's world.



Dr. Amarjeet K. Malhotra (Professor and Dean, School of Management Studies, Ansal University)



Ms. Sakshi Pahuja, Ms. Parul Bansal, Ms. Charu Jain & Ms. Chitra Kaul, at the event

QIP Workshop on Innovative Product Design at IIT Delhi:

Mr. Shashikant Das (Assistant Professor ME), **Ms. Parul Bansal** (Assistant Professor, ECS), **Ms. Poonam Singla** (Assistant Professor ECE), and **Ms. Ashu Khurana** (Assistant Professor, CSE) attended a five day workshop on Innovative product design conducted by **IIT DELHI**, under **QIP** programme from **14th 18th December, 2015**. The workshop was coordinated by **Prof. Harish Hirani, Department of Mechanical Engineering, IIT DELHI**. Around **60 faculties** from different technical colleges (**including IIT's, NIT's**) from India participated in this workshop.

The objective of the course is to introduce the fundamentals of **Innovative Product Design** and its application in various mechanical systems like knee angle measurement device, wind turbine, bearings, shafts and all other interacting surface in relative motion that include any type of Innovative Product Design applications.



Group photograph of all speakers, participants during workshop



Insulin Group formed by Event organizer for project

Shortlisted for Internship at Greymeter [Team: IIT Delhi - Bits Goa Alumni Company]:

Mr. Amit Bhatia, Assistant Professor, **Department of Mechanical Engineering** of **Dronacharya College of Engineering, Gurgaon** has registered and shortlisted for December online internship on "**Content Writing CUM Social Media marketing**" at **Greymeter [Team: IIT Delhi - BITS Goa Alumni Company]**. Duration of the Internship is from **8th December to 8th January (1 Month)**. Through this internship he will be able to learn about Content writing as well as will be a part of Product Development and launch team. He may also build profile by exploring different work and adding certificate.

Placement :

CONGRATULATIONS to the students of Mechanical Engineering Department for being placed in companies: **Tega, Think and Learn, APPS Discover, Fenesta Building System, XecuteHR Solution Private Limited, ASXIOM Domain, KnowCross** and **Macronix**.

Students' Views:

Under the guidance of our **HOD, Mr. Rajeev Kumar Gupta**, we are bestowed with wings to reach the zenith of creativity and knowledge, which nurtures us to evolve as a competitor in competitive era. These values have helped me to get a milestone in my career by getting **placed in FENESTA**. I will remain grateful to them forever. It provides students with modern education facilities while retaining traditional values. My earnest thanks to all involved in making my career and future sparkle.



Rishabh Verma
7th Sem, ME
Roll No. 15373

Being a part of **Dronacharya College of Engineering, Gurgaon** is an honor to us. The faculty of our department is highly educated and hardworking. They put in dedicated efforts to uplift the overall performance of students. Co-curricular activities relieve the strain and contribute to converting a student to a good and healthy citizen. Here education is a happy learning process along with academics; the college aims at all round development of the personality of its students.



Varun
7th Sem, ME
Roll No. 15408

Dronacharya College of Engineering, Gurgaon endows its students with modern education facilities while retaining traditional values. The Department provides ample opportunities for students to engage and learn things outside of a classroom environment and establish connections with professional organizations. The College provides various forums to demonstrate my talent. I am grateful to my faculty members who helped me sharpen my skills and mold me into an all-rounder. I filed a patent and am thankful to the management for helping me in the whole process.



Ruby Sharma
7th Sem, ME
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