



Dronacharya College of Engineering

ISSUE

Vol viii issue LXXVIII

Mechanical Engineering

In This Issue....

- ✦ Editor's Desk
- ✦ HOD's Desk
- ✦ International Authoring Workshop
- ✦ National Education Policy: A New Paradigm
- ✦ International Global Entrepreneurship Summit-2013
- ✦ Connect The dots
- ✦ 10th Millennium Summit-2013
- ✦ IBM TGMC (THE Great Mind Challenge) Seminar
- ✦ Extension Lecture on "TSDP"
- ✦ Prompt Volunteers for Blood Requirement
- ✦ Placement
- ✦ Students' Viewpoint

From Editor's Desk :

Education is a key for social upliftment of the masses and essential for economic development of a Nation. In tune with the changing time, we at **Dronacharya College of Engineering, Gurgaon** are focused to empower students with sound knowledge, skills, experience and training. The experienced faculty members are devoted to the task of incorporating latest teaching methods with modern equipments and gadgets for the benefit of the students. These proactive teaching methodologies have been resulted in higher performance in examinations, projects-fabrication and placement.



In addition to providing an environment for the disciplined and integrated development of Dronacharyans, we strive to stimulate in them a spirit of enquiry and desire to innovate something that can enrich their career. Our aim is to build an effervescent community of engineers where faculty members and students are cronies in a mutually inspirational educational process, engrossed in learning. This learning process would lead the inventions, discoveries and patentability. We look for, and develop creative problem solving strengths in our students; at the same time, we encourage students to grow as effective team players, with a strong set of ethics, communications skills and zeal to outshine.

Editor, (Dr. Sunil K. Mishra)



From HOD's Desk :

***Books are keys to wisdoms treasure; books are gates to lands of pleasure;
Books are paths that upward lead; books are friend, come, let us read.***



The monthly e-newsletter is a voice of **DCE, Gurgaon** dedicated to the entire fraternity, administration, management, faculty, students-with the objectives of reverberating excellence in technological education and to transform **Dronacharya College of Engineering** as the most vocal and powerful brand ambassador of Haryana.

It is the time for afresh, new beginning, nurturing realistic dreams and ushering in a dramatic change in one's career. One should update oneself with technical skills with respect to modern-day hiring tools, enhance understanding of organisational behavior focus on team learning enablers and information-dissemination, update skills and keep abreast of latest technology. Set goals for a day and approach at work with a positive spirit and develop your will power.

Students at II and III year are actively involved in the Innovative project- work which can be patented for efficacy, economy and utility point of view under the expert guidance of highly dedicated and experienced faculty. Similarly, Faculty and students are motivated for presenting/publishing their research papers in seminars/conferences etc.

Head of Department, Prof. (Dr.) S. K. Bagga

International Authoring Workshop :

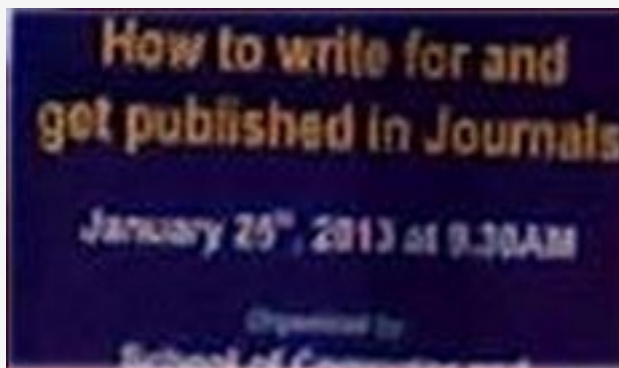
The School of Computer and Information Sciences at **IGNOU (Indira Gandhi National Open University, New Delhi)** organized an **International Authoring Workshop** on "**How to write for and get published in Journals**" in association with Springer and Edanz. **Mr. Anuj Yadav, (Roll No. 14606)** a student of **Electronics and Computer Engineering** at **Dronacharya College of Engineering, Gurgaon** attended the same.

The workshop was designed to help authors to write quality manuscripts that would be attractive to SCI indexed journals. The Workshop started by a few inspiring words from **Mr. Shashi Bhushan, Director of School of Computer and Information Sciences**. It was followed by a presentation from **Dr. William F. Cutis**, Executive Vice President Clinical Medicine/Biomedicine/Life sciences, **Springer Germany**, regarding '**Chances and Opportunities for Researchers in India**' which showed us India's achievements in research over the years and how these achievements could be further enhanced by the continued development of international publications led by regional researchers. The main presentation was given by **Mr. Anindan Ghosh from Springer India** regarding '**How to Write for and Get Published in Journals and Publish Manuscripts**'. The presentation mainly covered practical advice for successful publication. It contained five sections

- Scientific Publishing.
- Before you Start tips.
- Structuring your manuscript.
- Hints & tips .
- Books & Journals.

Mr. Benjamin Shaw, China and Global Director, Edanz told us about 'Edanz' and how useful it is to authors. The Workshop was followed by a quick presentation on '**Support When You Publish With Springer**' by **Ms. Shrini Chattarji from Springer India** telling us how does Springer assist its authors in their publication endeavours. Towards the end of the session **Mrs. Julian Ritt, Executive Vice President Marketing, Springer Germany** demonstrated the Springer Content Platform 'SpringerLink'. The workshop was summed up with a vote of thanks by **IGNOU** authorities.





The banner of the "International Authoring Workshop"



Dr. William F. Cutis, Executive Vice President, Springer Germany sharing his valuable comments on research



Distinguished speakers gracing the stage.



Mr. Anindan Ghosh, Springer INDIA, addressing the audience.

National Education Policy: A New Paradigm :

Policy Development Initiative (PDI) organized a Seminar on **"National Education Policy-A New Paradigm"** at India International Centre, Lodhi Road, New Delhi on **23rd January 2013**. The main objective of this programme was to focus more on Quality than Quantity at each level. **Mrs. Swati Jha**, Head, Department of Electronics and Computer Engineering (**DCE, Gurgaon**) availed the opportunity to attend the same.

Mr. S. C. Pradhan, President, PDI, stressed on burning topics like only 20-25% engineers of today are employable however he mentioned that rest 20-25% can be made employable through training. He also discussed the issue of Faculty Crunch in Technical Institutes. **The Chief Guest Dr. (Smt.) Kiran Walia**, Minister of Education, Government of Delhi enlightened the participants by throwing light on

- Unemployed Youth of today.
- Role of Skilled Training in Education system.
- Education System being Anti-Children rather than Pro-students.
- Sense of ownership-Public Vs Private Sector.
- Giving due respect for jobs like Carpentry, Painting, Sanitation, Pottery etc.

Dr. A. P. Padhi, Member NAAC, recited a Sanskrit Shloka on value of knowledge in the past which meant that **"Knowledge protects as mother, promotes interest as Father, removes sorrows & provides happiness as wife so that name flourishes in all directions and helps in acquisition of wealth like Kalplata"**. But in the present context, Knowledge is only considered as a tool to churn money. **Dr. S. S Mantha, Chairman AICTE**, mentioned that states like Bihar and Orissa are far behind states like Andhra Pradesh and Maharashtra in imparting Technical education. He showed his concern on 20% seats remaining vacant in Technical colleges out of the 2 million seats available in the country.



Dr. (Smt.) Kiran Walia, Minister of Education, Govt. of Delhi lighting the lamp.



Mr. S. C. Pradhan, President PDI, giving inaugural address.



Dr. S. P. Agarwal, Principal, Ramanujam College, DU addressing the audience..



AICTE Chairman, Dr. S. S. Mantha discussing on Technical Education in India

International Global Entrepreneurship Summit-2013 :

Dronacharya College of Engineering, Gurgaon always encourages the faculty and students to enhance their professional skills, technical competence and spirit of entrepreneurship. Recently, two Dronacharyans (**Mr. Abhay Singh Rathore**, Roll No. 12135; **Ms. Neetu Chaudhary**, Roll No. 12367) along with **Mr. Yashwarhan Soni, Associate Professor, Department of Information Technology** got the opportunity to attend a three-day International Summit "**Global Entrepreneurship Summit**" organised by **Entrepreneurship Cell, IIT Kharagpur** from **11th to 13th January 2013**. The objective of this Summit was to provide a platform for academicians, new-age entrepreneurs, eminent business personalities, venture capitalists and the students to share their innovative and entrepreneurial endeavours for aspiring entrepreneurs. In the key note address, **Prof. Paul Lilrank** (Professor at Aalto University & Former consultant at Boston consulting Group) & **Mr. Harish Hande**, Managing Director, SELCO, India shared the importance of entrepreneurship as one of major tools of industrialisation and economic growth of a country. They reiterated to be committed to fostering economic and social entrepreneurship to unlock innovation, spur private development and create new employment opportunities for the Nation's budding entrepreneurs. The guest speakers **Mr. Harish Bahl** (Smile Group), **Mr. Gaurav Marya** (Franchise India), **Mr. K.Chandrashekhar** (Forus Health), **Mr. Abhay Agrawal** (Pothi.com), **Mr. Madhawan Nampoothir** (Resolve Energy), **Mr. Satya Kalyan Yerramsetti** (16 oby2.com) and **Mr. Nachiket Mor** (Non-Executive Chairman, Sughvazhvu) exchanged their ideas in connection with entrepreneurship. The Summit aimed to amplify various encouraging trends for promoting sustainable growth, expanding trade and to create opportunities with new dimensions in the field of entrepreneurship. Indeed, it was an interdisciplinary gathering of start-up champions from around the world where entrepreneurs, investors and researchers enlightened the participants bringing ideas to drive economic growth and expand human welfare.



Participants in the International Summit



Inauguration of a three-day summit

Connect The Dots :

Every organization has its own history and varied experience to share, with contemporaries in its field. Entrepreneurship Cells are no exceptions. E-Cells across India should meet and discuss their various challenges and strategies, in order that a comprehensive plan may be chalked out for the overall development of entrepreneurship in India. With **"Connect the Dots", E-Cell, IIT Kharagpur** aims at creating a platform where various entrepreneurship cells of the country can:

- Exchange ideas and knowledge.
- Discuss common problems and their solutions.
- Address on Growth and sustenance of the E-cell.
- Share their impact.

The Entrepreneurship Cell Conference is an effort to bridge the gap that separates entrepreneurial development across India, which is what, is required for the unbridled growth of entrepreneurs across the country and help understanding the entrepreneurial Eco-system constituents. There were around 20 odd Institutes and Schools participated in the event and we were sharing our experiences about the E-cell@DCE and also briefing them about the events which we run at our campus. Most of the E-cell were at novice stage and were wishing to take their E-cell to greater heights.

Learnings and Initiatives :

- Confidence Booster.
- Currently working on Feasibility of Campus Company.
- Taking 2Hr session on Case study and Social Entrepreneurship during E-week at our College Campus.
- Some of the Student Projects have the tendency for Start-ups. We have to carefully monitor those projects and guide the Students accordingly.

10th Millennium Summit-2013 :

Dronacharya College of Engineering, Gurgaon provides ample opportunities to the faculty, staff and students to enrich their knowledge and sharpen their skills to meet the global standards of imparting technical education. Recently, **Dr. Vimla Yadav**, Associate Professor of Chemistry, **Department of Applied Sciences and Humanities** along with Mr. Dharmveer, Lab Assistant attended a one-day International 10th Millennium Summit on **"Curing the Incurables: Sharing of Innovations"** organised by ASSOCHAM on **16th January 2013** at **Vigyan Bhawan, New Delhi**. The objective of this Summit was to deliberate on the innovative methods to cure all chronic and incurable diseases by sharing of innovations in healthcare using all the available therapies viz. Modern Medicine, Homoeopathy, Ayurveda, Naturopathy and various other forms of complementary medicines to bring about a holistic cure and restore natural remission.

Inaugurating the summit, the President of India, Shri Pranab Mukherjee said that time has come for Indian Healthcare System to revolutionize itself and make India self-reliant in its Healthcare requirements. He stated the challenges that the Indian healthcare sector faces are substantial, but the opportunities equally compelling. For companies that view the Indian healthcare sector as a glass half full, the potential is enormous as India is one of the few locations in the world with the latest in healthcare technologies including automation, surgical robotics, modular operating theatres, minimal access surgery systems, telemedicine, radiology, etc. The President presented **the Millennium Award to Prof. Aaron Ciechanover, Recipient of Nobel Prize in Chemistry** in the year 2004. He also congratulated ASSOCHAM for organizing this very timely Summit focusing on the need to scale up innovations in the field of healthcare. Addressing the participants, **Prof. Aaron Ciechanover** said that the public health system must be greatly expanded and strengthened across the Nation. He emphasised that it's time to take health services closer to the homes of the families develop effective models of healthcare for the ever-increasing urban population and at the same time not ignore rural healthcare needs. He also discussed the revolutions of medical chemistry and suggested various ways for healthier and happier world. Other eminent speakers **Dr. Ruchi Dass**, CEO, Health Cursor Consulting Group and **Prof. Samir K. Brahmacharai**, Secretary, DSIR & DG-CSIR talked about emerging Bio-Medical Technologies as healthcare solutions.

Knowledge is the driver of today's world. The summit was insightful, informative and revealed the need of innovation to achieve the goal of holistic care using various modes of therapies, viz modern and alternative medicines. The participants also learnt that new technologies like Information and Communications Technology (ICT) can take a major role in improving health care delivery.



**The President of India, Shri Pranab Mukherjee
Sitting in the Millennium Summit-2013**

IBM TGMC (The Great Mind Challenge) Seminar :

IBM TGMC Seminar / Session on **24th Jan 2013** was conducted by **Akhilesh Kumar Soni (SME-IBM TGMC Project)** in the slots **(10:00-12:00hrs., 1:00 3:00 P.M.)**. Around 300 students and 30 Faculty members had attended this seminar in our Auditorium. The students were briefed about how to create SRS and submit their projects for the National Level Technical Contest conducted by **IBM India**.

The objective of this seminar was to educate students and mentors on how to prepare the SRS and the project as per the expected standards with the deadline for **SRS Submissions** being **January 31st 2013**.



Akhilesh Kumar Soni (SME-IBM TGMC Project) was delivering session on IBM TGMC

Extension Lecture on "Technology Systems Development Program" (TSDP):

Dronacharya College of Engineering, Gurgaon is committed to transform engineers into achievers at the global level with right attitude towards changing societal need with technological aids. With this splendid intention, the **Department of Applied Sciences & Humanities** of the college organised a one-day extension lecture on "**Technology Systems Development Program**" (TSDP) on **12th January 2013** by **Mr. Rajeev Sharma, Scientist 'C', Dept of Science and Technology (DST), New Delhi**. The objective of this program was to generate awareness on scope and methodology of multi-disciplinary and multi-institutional technology development projects in niche areas having relevance to the Indian needs and wide spread potential for successful replication. Welcoming the Guest-speaker, **the Principal Prof. (Dr.) B. M. K. Prasad** said that such lectures encourage the faculty members to prepare and submit a variety of proposals envisaging network to different organisations having diverse expertise and facilitate for synergetic implementation of projects. Delivering the lecture Mr. Rajeev Sharma stressed on clearly identifying the needs development of technology so that the developmental effort could be useful to the welfare of common man. He also shared his views and methodology of proposal preparation related to Remote Sensing Projects, Climate Change Programs, Water Technology, Microwave Technology, Bio-fuels Technology etc. Seeing the infrastructure, laboratories and the equipments of R&D Cell, he offered a Patent Facilitating Centre at **DCE, Gurgaon**. Moreover, Mr. Sharma also talked about preparation and submission of proposals, different forms of DST Grants, Mandate of DST, and Mechanism of evaluation, implementation and monitoring of project fabrication.

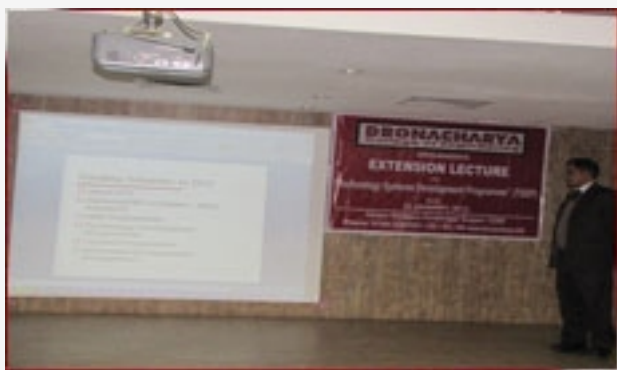
Thanking to the speaker for delivering such a useful and informative lecture, **Prof. (Dr.) Sri Krishan Yadav**, Head, Dept. of Applied Sciences & Humanities reminded that **Dronacharya College of Engineering, Gurgaon** always encourages the faculty and students to enhance high personal and professional ethical values, technical competence and a spirit of entrepreneurship.



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



Hon'ble Guest speaker Mr. Rajeev Sharma, Scientist 'C', DST, New Delhi talking about "TSDP"



Mr. Sharma stating about proposal preparation & Grants from DST, New Delhi



Hon'ble Guest-speaker receiving a token of



The convener Prof. (Dr.) Sri Krishan Yadav, giving a vote of thanks

Prompt Volunteers for Blood Requirement :

05 Students donated blood to a severely injured student of **DCE Greater Noida** on **22nd Jan. 2013**.

12185	ECE VIII SEM	Parveen Kumar Pandey
12196	ECE VIII SEM	Nitin
14310	ME IV SEM	Dinesh
14338	ME IV SEM	Nikhil Rathi
14339	ME IV SEM	Nitesh



Placement :

Our College does not leave any stone unturned in assisting the students for their career and placement. We conduct PDPs, Mock Interviews, Aptitude test, GDs etc for better placement. The Placement and Training Cell conducts training programmes to prepare the students to face the recruitment process and to meet the needs of the industry. It also provides complete support to the visiting companies at the every stage of placement process. Arrangements for Pre-Placement Talks, Written Talks, Written Tests, Interviews and Group Discussions are made as per the requirement of the visiting companies. It bridges the gap between the industry and institutions. Companies visited Campus for placements in last month are Xchanging India, Cords Cable Pvt. Ltd. & Shopclues and selected students are Nancy Arora, Swati Mehla, Sindhu Srivastava, Barkha Mehta, Richa, Jyot, Rohit Kumar, Sandeep Chaudhary, Shivam Parasharat, Mohit Mamoria & Anoop Singh with package from 2.4 LPA - 4 LPA.

Students' Viewpoint :

"Nothing great was achieved without enthusiasm"

It gives me immense pleasure to be associated with the Department of Mechanical Engineering where I gained not only the technical knowledge but also improved my communication skills with confidence. I feel proud to be a part of this college.



Akash Arya
(Roll No. 12267)

"Seeking the bubble reputation, Even in the cannon's mouth."

I am fortunate to be a student in the Deptt. of Mechanical Engineering in **Dronacharya College of Engineering, Gurgaon**. The teamwork in this College is at par excellence of which the students are the proud beneficiaries. It is a matter of pride that our faculty together with the students is working on concerns vital to the entire spectrum of activities of a good engineering college.



Shivam parasher
(Roll No. 12323)

"Cheerful looks make every dish a feast, and that it is which crowns a welcome"

I am In Mechanical Engineering, I expand my field widely from machine design, automobiles and IC engines, material Science and other disciplines to a variety of subjects of Social Sciences. I am thankful to the HOD for giving me different opportunities to showcase talent.



Rohit Kumar
(Roll No. 12317)

"Personality is to man what perfume is to a flower".

It gives me immense pleasure to be associated with the Department of Mechanical Engineering where I gained not only the theoretical and Practical knowledge but also developed my personality. I sought admission in Mechanical Engineering Branch of this college because it has a reputation for 100% placement. I am really thankful to my H.O.D and faculty for grooming and nurturing me overall.



Rohit Jain
(Roll No. 12316)