



# Dronacharya College of Engineering

ISSUE

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## APPLIED SCIENCES AND HUMANITIES

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### From Editor's Desk :

If you want to live a happy life with a bright career, tie it to a goal, not to people or things. Good, better, best. Never should you rest. Until your good is better and the better is best!

In the present age, process of globalization pervades all sectors including Education. We feel the most important step is to enhance communication skills in as many different ways as we think of. Without credible communication and a lot of it, the hearts and minds of the troops are never captured. Our Newsletter is an attempt in same direction. I have no hitch in calling it as "**Transition Journal.**"



**We, at DCE, being a centre of excellence in the field of Technical Education** firmly believe in developing and promoting Dronacharyans who understand how to make the best use of knowledge and time with quality and speed.

We also proudly proclaim that our students encounter many professional mentors and professors who help them to learn how to face the professional world and also **raise the flag of Dronacharya College of Engineering.** Our students always lead in this fast changing world by establishing and proving their identity successfully, embedded with moral values, social commitments, leadership skills and good attitude. Undoubtedly, we are well supported by our magnanimous, sagacious management and worthy, dedicated and dynamic **Principal, Prof. (Dr.) B. M. K. Prasad** in all positive steps.

Our **Chairman Hon'ble Dr. Satish Yadav** like the sun always enlightens our path to growth and prosperity. Really, he has transformed our destiny and his efforts are on.

**Tam suryam vishwa srijaam prasiddhamutpatti rakshaapragalbham  
Jalen eva prithivyan jeevani shakyam.**

*Editor, (Dr. Sunil K. Mishra)*

## From HOD's Desk :

**"Education is not the filling of pail; but the lighting of a fire."- W. B. Yeats.**

**In the pursuit of our vision of becoming one of the best Technical Institutes in the country**, we have endeavored to add value, revamp our strategies time to time focusing always on providing the best to our students and society. Over the time, we have become a team of highly-qualified faculty members committed to translate the futuristic vision of generating, disseminating and progressing knowledge. Ours is a campus that encourages original thinking and provides seamless learning-a learning which is industry linked, technology based and research driven. We are developing a culture of online innovation within the college campus in order to improve the way we execute.



We are continuously striving to fulfill our research and development mission eagerly awaiting the second issue of Dronacharya Research Journal. With a strong desire to revive the abundant natural curiosity among our students, we are also focusing to involve them alongside the faculty in the research arena.

Education should consist of a series of enchantments, each raising the individual to a higher level of awareness and understanding. This has been amply exemplified by our students who have brought laurels to the college.

We have a firm belief that our Alumni and future Engineers will ensure that efficiencies, innovations, knowledge and enthusiasm are shared on an international platform, improving the lives of others and leaving our community and world better than we found it.

*Head of the Department, Prof. (Dr.) S. K. Gupta*

## Faculty :

The foundation of any good Academic Institution is its Faculty and the most important activity is the teaching-learning process. Dronacharya College of Engineering has a proficient team of faculty members fully committed to the cause of excellence and perfection in the field of education. Their thorough knowledge and experience both in Academic and Industrial fields enable them to incorporate essential skills and genuine professionalism in the students. **Department of Applied Sciences and Humanities** has highly qualified, experienced and dedicated faculty members endowed with a desirable sense of dutifulness.

We feel proud to share that our faculty members have also contributed research papers in our research journal "**Dronacharya Research Journal**", **Issue-One, Vol-I**. And we will continue to endeavor to ensure that all our new initiatives and projects will evoke that sense of wonder so that the process of teaching-learning will be both enjoyable and attractive.

## Faculty Development Programmes :

Learning is an individual process so the teaching methodology we implement is one of which ensures individual attention. We organize Faculty Development Programme to get educational excellence. Here, every faculty member gets a chance to learn and exchange new ideas to excel in the field of teaching. Under the supervision of our **Head of the Department, Prof. (Dr.) S. K. Gupta** we are encouraged to develop the intellectual and creative abilities in ourselves.

A series of lectures delivered by faculty members made us aware of our potentials, strengths and weaknesses. **Dr. K. Pavani** delivered a talk on "**Nanotechnology**." She dealt in the fabrication of carbon Monotubes. Introduction to Nano-materials, their importance were also discussed. The talk was highly informative and interesting.

**Dr. B. B. Sahu** talked on "**Sources of Plasma**." He discussed its relevance and importance in emerging technologies.

**Dr. Neetu Raina Bhat** presented her views on "**Emergence of English as International Language**". The presentation defined the contours of a language to qualify as International and how all these aspects are intrinsic in English Language.

Continuing the series **Mrs. Jaishree Sharma** reminded us the importance and need of "**Sustainable Development**." She also explained economic, social and environmental sustainability, their essence and inter-relationship.

## Seminar, Workshop And Conference :

Quality of higher education has direct impact on the socio-economic growth of a nation and the quality of life of its people. Higher education needs to match not only with the rapid developments and changes in technology but also the changing requirements of the society.

**Two of our faculty members Mrs. Jaishree Sharma and Mrs. Pooja Jain attended a two-day workshop on "Economic Modeling and Time Series: Analysis with software applications" at Apeejay School of Management, New Delhi from 21.01.10 to 23.01.10.**

**Three students Sweety Mittal, Rakesh and Vipin Sharma along with two faculty members Mrs. Rita Yadav and Mr. Nitesh Kumar attended a two-day National Seminar on "Fluid Dynamics, C- Language, Real Analysis and Modern Algebra" from 13-14 Feb 2010 at Govt. PG College, Narnaul. Sweety Mittal presented a paper which raised the flag of Dronacharya College of Engineering. Three faculty members Mrs. Sangeeta Singla, Mrs. Teena Sharma and Mr. Lalit Dalal along with two students Ms. Shivangi Mudgil and Ms. Nupur are going to participate in a National Workshop on "Earth Sciences" to be held in Brown Hills College of Engineering and Technology, Faridabad on 3rd & 4th March 2010.**

One of the concerns of our College is to make our faculty members and students creative thinkers, skill oriented and above all, patriotic spirit in their heart and mind.

### New Appointments:

To develop Engineers, Scientists, Technocrats and Managers through qualitative instructions in an environment of Research & Development, we attract the higher caliber faculty who continuously strive to enhance their knowledge and teaching effectiveness. **Dr. Leena Rani is another gem of the Department of Applied Sciences and Humanities. She has joined as an Assistant Professor in Mathematics. She has published 18 research papers in different national and international journals. She also presented 8 research papers in national and international conferences.**

### Research And Publications :

There is an increasing realization among the academicians and scholars about the importance of research. Research is important not only for individual's growth but also beneficial in teaching and generating useful insights and confidence. Dronacharya College of Engineering has published a Research Journal "**Dronacharya Research Journal**" of international repute. **Five Research papers were contributed from our department by Prof. (Dr.) S. K. Gupta & Dr. A. K. Singh; Mr. Ashok Kumar & Mr. Nitesh Kumar; Mrs. Suchitra Deswal; Dr. Rohtash Bhardwaj & Dr. S. C. Malik; Dr. Sunil K. Mishra & Mrs. Parul Mishra.**

### Co-Curricular Activities :

Education must extend beyond the four walls of the classroom and touch the soul deep down, making the child intellectually sound. While giving our students the wings of freedom and independence, we keep them firmly to the roots of responsibility.

#### **A healthy mind rests in a healthy body**

Realising the beauty and importance of this famous dictum, we always encourage the students to be physically active and healthier.

The Sports Meet is a good way of using play as a medium to teach our students. The theme of these events is to ensure that learning takes place through the activities and presentations.

**We keep a provision of celebrating sports week and tech-fest in our College campus every year. This year from 20th-27th February, the College commemorated Sports Week and DronTech.** Students participated with a great enthusiasm in various activities and demonstrated their technical skills.

**The following are the results of the Sports Events:**

#### **100 m Race-Boys**

S. No.	Position	Name	Roll No.	Sem	Branch
1	Winner	Ashwani	11257	IV	ECE
2	Runner-up	Divakar	12283	II	ME
3	1st Runner-up	Naveen	11300	IV	ME

#### **SAC Race-Boys**

S. No.	Position	Name	Roll No.	Sem	Branch
1	Winner	Love Garg	12178	II	ECE
2	Runner-up	Jayant Yadav	9231	VIII	ME
3	1st Runner-up	Gulshan	9228	VIII	ME

**100 m Race-Girls**

S. No.	Position	Name	Roll No.	Sem	Branch
1	Winner	Isha	11046	IV	CSE
2	Runner-up	Richa	11094	IV	CSE
3	1st Runner-up	Sumit Yadav	12245	II	ECE

**LEMON Race-Girls**

S. No.	Position	Name	Roll No.	Sem	Branch
1	Winner	Dipika	11163	IV	ECE
2	Runner-up	Ritu	11235	IV	ECE
3	1st Runner-up	Seep	10106	VI	CSE

**MATKA Race-Girls**

S. No.	Position	Name	Roll No.	Sem	Branch
1	Winner	Usha	11256	IV	ECE
2	Runner-up	Nitu	11071	IV	CSE
3	1st Runner-up	Yogita	11778	IV	ECE

Besides this, **Rangoli and Poster Presentation competitions** were held during the **Tech-Fest 2010**. The event directors for these were **Mrs. Sangeeta Singla and Dr. Smita Srivastava** respectively. Both these events made the Fest even more colorful and meaningful.

These celebrations are the building blocks of the future leaders of our country and the necessities of being a true Dronacharyan.

**VIP Visits :****Sports Week:-**

On the enthusiastic occasion of **Sports Week closing on 25th Feb 2010, the guest of Honor former IPS, DGP (HR.) Shri A. S. Bhatotia**, addressed the Dronacharyans. He emphasized on the need to promote all kinds of sports in India. He shared that we need to channelise young talents from rural India into sports like Hockey, Volleyball, and Horse Riding etc. Students cheered him to no ends.

Our **Hon'ble Chairman Dr. Satish Yadav** also graced the occasion. He was highly delighted to see the enthusiasm and spirit of sportsmanship among the students and praised the efforts of Dronacharya Fraternity to conduct the Sports Week successfully.

**Dron-Tech:-**

On the grand occasion of **Dron-Tech 2010**, our **Hon'ble Chief Guest was Prof. P. B. Sharma, the founder Vice-Chancellor of Delhi Technological University**. Expressing his happiness on the progress of Dronacharya College of Engineering, in a short span, **Prof. P. B. Sharma** emphasized the cooperation and collaboration at National and International levels to foster globally accredited higher education and research. He highlighted the advantage of India-as Young Nation with immense capability to create an enlightened Global Knowledge Society. **He praised the efforts of DCE in promoting research, setting up R&D wing and congratulated us on publication of the First issue of Dronacharya Research Journal.**

He also felt the necessity of such Engineering and Technology which can support the growth and development without sacrificing the interest of man and nature to assure a green future for us and coming generations. The audience was spell bound by his precious and valuable words of wisdom.

**Inauguration of Conference Hall:-**

**Our Hon'ble Babuji, Rao Dharmpal ji, inaugurated the new Conference Hall in the college on 27th February 2010, which is another feather in our cap.**

**Parents Teachers Meeting (PTM) :**

Parental involvement at Dronacharya College of Engineering is encouraged and highly valued. In whatever capacity parents involve themselves with their wards' education-as a volunteer, contacting College staff for feedback, reinforcing and supporting academic needs at home, being a positive role-model-this sends a strong positive message to their wards in shaping their career. We always strive to bring out the best in every student.

We, at DCE, not only nurture the intelligence, patience and wisdom of our students but also endeavor to make them socially responsible, morally vigilant and professionally competent. **On 17 Jan 2010, we organized the PTM** keeping in mind that parents' involvement in education is closely related to students' academic achievement. We, under the guidance and patronage of our **HOD Prof. (Dr.) S. K. Gupta** take care of every need of students along with their academics.

This PTM was held with a motive to chalk out a common plan which can result in making our scholars efficient, better professionals and human beings.

It is important that the parents and teachers should work together reinforcing the value of education. Let us all be committed, cooperative and supportive towards each other for the betterment of our students. We also hope for the parents' cooperation, contribution and participation in every PTM organized at Dronacharya College of Engineering.

### Lab And Research Work :

Any technical institute is incomplete without its Research section. Many of the faculty members of **Department of Applied Sciences and Humanities** are supervising research candidates and many are enrolled in research programmes. All the labs are up-to-date with state-of-art research facilities available to the students as well as the faculty members.

### Student's Viewpoint About The Department :

College life plays an important role in the life of students. The attractive features of our college which make it best as compare to other education institutions are it lecturers, discipline, sincere teaching and allocation of assignments, transport services and much more. At DCE, every care is taken may be related to studies or extra curricular activities. **Our College arranges Farewell Parties, Freshers party, Annual Day Function and Annual Sports Meet for all students. Extra classes are also provided for the weak students which show it is a unique and concerned college.** In centre of the College Campus "**Saint Dronacharya**" with "**5 Pandavas**" is placed. This inspires the teacher-student relationship and promotes sincerity and hard work.



**Dipesh Miglani** (Roll No. 12282)

**I feel myself very lucky that I study in the wonderful world of Dronacharya College of Engineering. DCE is one of the best Technical institutions in the state of Haryana.** This is just like Gurukul where our teachers polish us just like Diamonds in a most exemplary, ideal and disciplined academic environment. I feel this is the place which provides the healthy learning environment to the students to achieve academic excellence with a mastery of process skills and sound understanding of concepts. Also they provide the students with number of opportunities to participate in various co-curricular activities and to excel themselves in area like communication skills, Personality Development. I feel immense pleasure and proud in being a '**Dronacharyan**'. This institute made me believe that "**Careers are crafted with care and not by merely luxuriating in rosy dreams.**"



**Monika Bansal** (Roll No. 12358)

**Our College as we all know is the best College of M.D.U., Rohtak. It has reached greater heights due to the discipline and the policy of anti-ragging.** Teachers are putting their best efforts so we can understand whatever is being taught in the classes. The best thing I have observed in the College is that the teachers are always ready to solve our problems whenever we approach them. LCD Projectors in the classrooms make our studies easier and interesting.



**Harvinder Singh** (Roll No. 12289)

Dronacharya College of Engineering, for us it's not just a name to be felt proud of being a part of it, for us it is a path to achieve that pinnacle of success. **Today Dronacharya is a world-class technical institution.** Teaching with relevance to the practical world as a guiding principle continues to be its primary purpose. The dedicated authorities and staff members are doing their best to make DCE a student's galaxy where they can bloom in each and every aspect of their personality out of a humdrum school student. It is a college that encompasses numerous academic departments and degree granting programs, as well as interdisciplinary centers, laboratories and programs.



**Rajan Arora** (Roll No. 12091)