



DRONACHARYA COLLEGE OF ENGINEERING

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ISSUE OF APPLIED SCIENCES AND HUMANITIES DEPARTMENT

From Editor's Desk :


" Young men's minds are always changeable but when a old man is concerned in a matter, he looks both before and after." (Homer)



Come February and festive celebrations find the most sumptuous slice of slot in the cyclic movement of seasons. The spirit to celebrate which steps in on the eve of the New Year in January jumps up even higher in February since the chilly days are replaced by mild moments which promise a welcome warmth reminding us of Shelley's luminous line: If winter comes can spring be far behind?

Yes, the spring does come however unbearable the wanton winter winds may be. Change is the law of Nature and thank God this law is unchangeable. February is a season of flowers. Marching on the road of Time with heads held high the Dronacharyans have completed a decade and these ten years have been so tremendous that the adjective "amazing" also seems to be feeble to depict them adequately.

All the Departments in the College are preparing for the two-day **Dron-Tech, 2008- a criss-cross of technical and cultural events** and three-day sports events going to be held on **22-23 Feb, 2008 and 25-27 Feb, 2008** respectively with an enviable and unprecedented enthusiasm.

 Editor, (Dr. R. C. Narula)

From HOD's Desk :

Ten golden years of DCE have passed by and the vibrancy and zest of celebration enriched each one of us. With a great enthusiasm and euphoria, this year we are celebrating the completion of a decade. Starting as an organization with a modest beginning, a beginning that never gave a cause to look back, today, DCE has received unprecedented applause from far and near.



Today, the College can boast of being **NAAC accredited, NBA accredited, I.S.O Certified and on top of it all having a Permanent Affiliation with M.D.U, Rohtak. It has carved out a niche amongst the best Institutes in the State.** The Department of Applied Sciences and Humanities, through the Feb, 08 issue of the News Letter- marks the growth of Dronacharya College of Engineering as a professional Institute of ten years of standing, blazing its own trail.

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



Faculty :

The Faculty, the basis of any teaching Institute here, is qualified, experienced, committed to improve performance, to serve the quality policy of the Institute and is open to change. The Faculty is keen to upgrade its qualification and professional skills. **Mr. Rohtash Bhardwaj, Mathematics, recently had his VIVA for the Doctorate degree on 2nd February 08 and his Research work on "SYSTEM RELIABILITY ANALYSIS" was highly appreciated and recommended for the award of Degree. Other Faculty members: Mr. Ashok and Mrs. Pooja are also pursuing Ph.D. in Mathematics.**

The Management also sees to this that we have a well-versed academic staff keeping in tread with that we have two new appointments in our Department in this Semester- **Mrs. Jaishree for Economics, a Gold Medallist of MDU, Rohtak and Banasthali Vidyapeeth, Banasthali and Ms. Deepika, B.Tech, as Instructor in the Bio-Medical Stream.**

Updation & Automation :

Due to new courses being introduced and the corresponding increase in the number of students, there is a need for automation. A beginning has been made in this direction in the Department of Applied Sciences and Humanities. **All the First Year classes have been equipped with LCD projectors, speakers and mikes and the project aims to further extend this to the other Departments.**

All Faculty members are now motivated to own PCs and are provided access to the internet by the campus wide computer network for unlimited access to information. In short, the campus today has a modern look. Chemistry lab has been renovated and all the gas pipeline fittings have been done afresh. Setting up of Bio-Medical Lab is in progress and the staff has already been recruited.

Faculty Development Programme :

The Faculty of the College has done a commendable job in educating the students. Nevertheless, there is a lot more to be done for the improvement and more effective functioning. Keeping this in view, the College conducts Faculty Development Programmes, wherein they have to present Seminars on different topics. A Table showing different TOPICS presented by Faculty members during the month of Dec 2007/Jan 2008 is as follows:

List of seminars presented by the Faculty:-

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| <ul style="list-style-type: none"> ■ Prof S.K.Gupta
<i>Demo Topic:</i> Quarks ■ Dr. A.K.Singh
<i>Demo Topic:</i> Laser ■ Mr. Surender Kumar
<i>Demo Topic:</i> Fiber Optics ■ Mrs. Pooja
<i>Demo Topic:</i> Linear Programming Problems ■ Mrs. Sangeeta Singla
<i>Demo Topic:</i> Basics of Matter ■ Mrs. Suchitra Deswal
<i>Demo Topic:</i> Quality Control ■ Ms. Shivani Arora
<i>Demo Topic:</i> Accounting Treatment | <ul style="list-style-type: none"> ■ Prof. K.G.Sharma
<i>Demo Topic:</i> Economic Transformation of Indian Economy Under Plans ■ Dr. Smita Srivastava
<i>Demo Topic:</i> Super Conductivity ■ Mrs. Rita Yadav
<i>Demo Topic:</i> Basics of Statistics ■ Mr. Rohtash Bhardwaj
<i>Demo Topic:</i> System Reliability ■ Mr. Lalit
<i>Demo Topic:</i> Cancer-Fatal or Therapeutic ■ Mrs. Swati
<i>Demo Topic:</i> Parts of Speech & Tenses ■ Dr. Sheetal Yadav
<i>Demo Topic:</i> Bio-technology: An Overview |
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Student's Viewpoint About The Department :



Dronacharya College of Engineering is affiliated to M.D.U, Rohtak. With a history stretching back ten years, it provides technical education in a modern educational environment and can boast of a strong academic staff. DCE is identified with the Engineering education in India. The College has always been marching ahead on the path of development with a vision to provide Smart - Simple, Moral, Accountable, Responsive and Transparent education to the individuals who can meet the increasing challenges of the professional society.

To become one of the most admired centers of Academic excellence in the field of Applied Sciences and Technical Education for all-round professional development of the students, to enable them to meet the growing technological needs of the country the College has developed a rich culture to attract the best Faculty and retain them. The Faculty members are highly qualified and experienced who excel in their respective areas. The primary aim of the Faculty is to produce a dynamic force of Technocrats with managerial abilities that can discover and develop innovative solutions to meet the challenges through the value-based education. The students have excelled in every field they have ventured into and have found acceptance in the Indian industry without any gender bias. ***It is because of the students' outstanding performance that respected names in the industry such as INFOSYS, TCS, and MARUTI UDYOG etc. have become regular recruits.*** The curriculum structure of the College provides first hand experience to the students in variety of areas. It equips one to enter diverse and inter disciplinary fields in future.

Miss Geetika
(IT)



It is rightly said that schools help the child in setting targets. They encourage the child to get more and more focused towards their goal. The hard work in schools pays the child in getting grades and certificates but the Colleges are the Institutions of higher education to be looked at as they guarantee success, name and fame.

Dronacharya College of Engineering is one of the best Colleges of the State. It is famous for its principles, ideas and discipline. The students passing out as Engineers find sure success as the Placement here is almost 100%. Moreover, they become deft in facing hurdles as they have already been kept in an environment of discipline and strict rules. Here, the criteria for getting success are hard work, Devotion and Dedication and to engrave these qualities, teachers put their heart and soul to help the students achieve their desired targets. In fact, the Faculty here is much experienced and knowledgeable and hence makes every subject interesting. Besides this, teachers here are ever ready to help when the students need any sort of assistance. For repeated revisions, trends of Sessionals and Class Tests are changed accordingly. One of the best parts of this College is well-maintained lawns, library, classrooms, canteen and well-equipped laboratories. For the over all development of the students, besides academics, the College also encourages students to take part in Sports Week, Techno-Fests, Annual Function etc. and the students are also motivated to express their innovative ideas in order to make these functions more interesting and successful.

Thus, in short this College has Faculty members who have capability of turning stones into gems that sparkle and spread their light around enlightening the name of their enviable Almamater.

Ritika Puri
(CSE-II)

Improvisation Of Teaching System :

This segment (of the News Letter) aims at bringing to fore the suggestions and improvisations thereupon in order to overcome the lacunae, if any, in the teaching process. The Department has given special emphasis on the ways to make the weak students perform better in the exams. The Department launched a scheme for this, wherein extra classes of the First Year students are conducted to tackle to their individual doubts related to different subjects.

Students are categorized into four categories:

- Those having more than 90% in sessional exams
- Those having above 85%
- Those having above 80% and
- Those having less than 40%

On the basis of this demarcation, the Vice- Principal, the H.O.D, and the Senior Faculty members address the meritorious students in order to motivate them to secure more Merits in the University Exams. For the weak students (getting less than 40% marks) one Faculty has been assigned the responsibility of a counselor for a group of 10-15 students, to individually monitor and encourage them to improve their performance.

Every organization needs to assess their performance periodically to compete in the global era. The formal mechanism of students' feedback has been introduced in our Institute, which gives the College and Faculty a chance to assess their performance in terms of their capacities to perform tasks and build upon those capacities where they need improvement.

Value Education :

It is the need of the hour to focus our abilities to seek ways for the development of non-cognitive domain of human personality. To complement education it is essential to introduce students to basic values of humanity like compassion, honesty and respect in pursuance of the goal of integrating value education into the curriculum.

The Department appoints two class counselors from the Faculty for each class and class representatives from the students are elected for the respective tutorial groups.

The Department as well as College aims working with an objective of developing and implementing programmes and strategies to renew emphasis on value inculcation.

