



DRONACHARYA COLLEGE OF ENGINEERING

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ISSUE OF APPLIED SCIENCES AND HUMANITIES

Obituary :

This month's Newsletter is dedicated to Late Prof. R. C. Narula, our Hon'ble Vice-Principal and Chief Editor of our Newsletter of the College. Prof. Narula was the senior most member of the Dronacharya family, associated with the College since its inception. He was the spokesperson of the organization with an extraordinary Acumen in life, Academia and Literature. A scholar par excellence with a habit of writing and an insatiable thirst for knowledge, a great human being, a committed, sincere and invaluable ally of the organization-words really fall short to describe his persona. Above all, he was such a stupendous orator that he always left his audience spell-bound. He truly has been immortalized in our loving hearts with his mesmerizing words. His absence is sure to leave an aching void, which this world will never be able to fill.

"One Life, One Inspiration"
One song can herald rain
One tree can create a jungle
One smile starts a relationship
One star can guide a ship
One vote changes a nation
One sun-ray lights up a room
One step starts a journey
One hope can raise spirits
One life can bring about a change
One make made a difference.



May God rest his soul in peace.

From HOD's Desk :

"Education is a Mission"

Dronacharya College of Engineering is a name synonymous with repute and excellence. Mentor, Educationalist, Innovator, Leader-while most would be content to excel in just one of these roles, we have mastered them all. Within a short span, DCE has become a dream destination for students and parents, willing to avail quality technical education.



With plenty of Schemes, Programs and pumping in of huge resources, we have made a bold statement to facilitate world-class education for we believe in outreaching ourselves. And, our willingness to engage in constant development and excellence is exhibited in our plan, action and output.

Dronacharya family, in the twelfth year of its journey along with the path of success, welcomes the fresh batch of aspiring engineers who have taken a firm step towards their dream success. With our ability to capture the situation and analyse the dynamic nature of education, we keep ourselves a step-ahead of others to provide our students a better platform to face the real world.



With well-measured steps in the right direction, with right approach and noble intention, we are scaling grand heights. Our determination, zeal, go-ahead temperament, an unflinching faith in the Gurukul tradition and equal excellence in modern facilities are our strengths that have helped us and will always help us to overcome the difficulties to enroute the fulfillment of our Mission- "**The Mission of providing Quality Education**".

Wishing all our aspiring engineers many firm steps and better opportunities for success.

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

Faculty :

"A teacher can never truly teach unless he is still learning himself. A lamp can never light another lamp unless it continues to burn its own flame." - Tagore.

This statement by Tagore is even more relevant in today's competitive education scenario.

The teachers, today, are entrusted with the task of not just our students achieving excellent grades in their examinations but also to make them life-long independent learners and promote their overall skills.

One of the undoubted strengths of our Institute is the skill and knowledge of our Faculty Members. We have initiated a Faculty Enrichment Program under which the Faculty is encouraged to undertake Research Projects, to conduct and to participate in Seminars, Workshops and Short-Term Teaching Programs. They are also promoted to pursue higher studies like M.Tech and Ph.D.

New Appointments:

In the dynamic process of enriching the knowledge pool of the College, the Department of Applied Sciences and Humanities has three members added to its team of talented staff namely:

- Dr. K. Pavani, who has joined as an Assistant Professor in Chemistry. She is JRF qualified and Doctorate from IIT, Delhi.
- Dr. Neetu Raina Bhat, who has joined as an Assistant Professor in English. She is a Doctorate from Jammu University.
- Dr. B. B. Sahu, who has joined as an Assistant Professor in Physics. He is a Doctorate from IIT, Delhi.

Personality Development Programmes :

It is the need of the hour that the Institutions of Technical Education constantly adapt their course materials to suit the work force and external environment in which one lives. In keeping up with the dynamic changes of the technical field, the management's emphasis is not only on providing technical knowledge but also on providing broader based skills and competencies including critical thinking, communication, teamwork, ethical awareness and independent learning. Partaking in this vision of the management, we have introduced Personality Development Programme for the First Year Students, the aim of which is to shift our curriculum towards an inquiry - based learning and motivational techniques parallel to an environment where students are motivated by the learning itself. Students self-awareness is generated through motivational lectures on positive attitude building and other facets of a confident personality. **The main objective of PDP is to provide the students with opportunities to work individually and in teams-small and large. Students are made to equip themselves with professional skills like Writing, Speaking Out, Presentation, Decision-Making and Teamwork.** In order to achieve this, new concepts, strategies and methodologies are introduced in teaching and co-curricular activities. We follow the approach of a teacher as not only an information- source but a facilitator and allow room for students to develop their skills at their own pace and seek opportunities for Self-Development through teaching tools such as interactive Case Studies, Games, Exercises and Presentations.

Academics :

Academic Acumen of the students is the backbone of any educational institute and the results of the students are the true barometer of any Institute's commitment to excellence and perfection in the field of education. **The result of the previous semester exams has had many of our students scoring above 80% marks. Two students of the Department got merit in the University - Rashmi Kalra of CSE and Rahil Andleeb of ME.**

Cultural Events :

Co-curricular Activities form the core of a student's life since they help to develop the all-round Personality of the student to face undaunted tasks and turbulent world of future. Our College strives to achieve a good balance between Academics and Co-Curricular Activities to make the students fit for the future time and to develop a sense of competitive spirit, co-operation, leadership, diligence, punctuality, team-spirit as well as to provide a backdrop for the development of their creative talents.

Freshers Function/Initiation Ceremony:

The Initiation Ceremony 2009-10, held on 28.08.09 was a grand and memorable Event. The event commenced with the traditional Welcome Ceremony of 'Tilak' and token of gift, amid heart-warming emotions. The cultural events by the seniors and different rounds for Mr. and Miss Fresher contest started after the lighting of lamp by our Hon'ble Chief Guest and Chairman Dr. Satish Yadav and followed by Saraswati Vandana. It was as if the vibrant colors of the rich culture of India were sprinkled on the stage with breath-taking performances including songs, classical and western dance, skits, tabla playing and instrumental music, mime, theatrical performances and bhangra. It included a hunt for Mr. and Miss Fresher/Dronacharya 2009-10, including a tough three-stage process of selection. The first stage was a qualifying round wherein the interested first year students submitted their mark sheets of 10 and 10+2 certificates and certificate of any special achievement. The second stage was also a qualifying round, with 10 marks for each extempore, composition writing and quiz. The selected students reached the third and final round, which was conducted on stage on Freshers Day including introduction and ramp walk, talent round and I-Q round. With such a selection process, it was made sure that the best student becomes the winner of the title. The function reached its culmination with the encouraging and appreciable words of the Chief Guest and the announcement of Mr. and Miss Dronacharya. **The words of appreciation were given concrete shape when two programs 'Bhangra and Akbar Skit' were awarded Rs. 10,000/- for being adjudged the best performances of the eve.**

Miss Shivangi Mudgil, IT branch was the winner of the Miss Dronacharya title and Mr. Mandeep Godara, ME branch was the winner of Mr. Dronacharya title. One of the highlights of the Initiation Ceremony was the selection of it as an opportune time to honor the meritorious students who raised the Dronacharya flag to new heights by securing positions in University Merit list. **The Management showered twenty-nine students with cash awards of Rs. 10,000 and Rs 3,000, for securing a place in top five University position and from fifth to fifteenth position respectively.** They received great applause from one and all for their academic excellence, making the event even more memorable.

Clubs:

The Department of Applied Sciences and Humanities is the Incharge of the following two Clubs of the College namely:

■ **Natraj Club**

Dronacharya College of Engineering, in its series of innovative ideas to utilize the versatile and hidden talents of the students, offers various activity clubs. One among them is Natraj Club. This club aims to help talented students harness their dedication to become communicative personalities, imbued with passion and understanding to reach within themselves. **The club works to impart quality training in dance, music and theatre. We offer several programs including Modern Dance, Indian Classical Dance, Hip-Hop, Folk Dance, Indian Music, Spiritual Music, Folk Songs, Rap, Theatrics such as plays, Mono-Acts, Mime and many more. The in charges of Natraj Club are Mrs. Suchitra Deswal and Dr. S. K. Mishra.**

The student members will be ready to perform in different college functions such as welcome of fresher function, farewell function, Tech- Fest etc. We will be organizing Mime, Street Plays etc. to raise awareness regarding different causes such as environmental issues, social issues like Ragging Corruption, National Integration etc. This Club provides students with soul-searching experiences making them realize their inner being and its capabilities. This way, they will be able to develop a positive, confident and expressive body language and attitude, so vital for success in today's cutting-edge competitive world.

■ **Paryavaran Club (Eco)**

Eco-club plays an important role in spreading environmental awareness among students and mobilizing their participation in environment related activities. A group of people who are interested in doing something for environment can achieve much more than an individual can do. All sorts of clubs can be formed, but an eco-club will enable us to do something positive about the environment. **The in charges of Paryavaran Club are Mrs. Teena Sharma and Mrs. Anupam.**

"Take care of mother earth as she takes care of all of us."

Eco-clubs gives us important platform to create awareness about environment and sustainable development issues. Eco-club at Dronacharya College of Engineering has already installed Rain H₂O Harvesting System in our College campus with an aim of recharging ground H₂O every year, in co-ordination with NSS, tree plantation is being done by this Club members. Lectures are organized from time-to-time on the occasion of Earth Day, World Environment Day, World Ozone Day etc. This club also organizes visits to various National Parks and sanctuaries time-to-time. In Dron-Tech 2009, poster presentation on "**Environment Crisis**" was organized wherein many students participated and etched various environmental issues on paper. Quiz competition and Extempore which encourage students to update their knowledge was also held. In its campus beautification scheme, we look in to the installation of large bins in the campus and also train the students in using compost or organic manure in garden along with sprinkle irrigation method to conserve water.

We will hold Guest Lectures by inviting Environmentalists/NGOs to make aware the students about the importance of the nature. We will organize street plays in rural areas on sensitive environmental issues such as Deforestation, excessive use of poly- ethene, Canal pollution and use of Gobar gas as a fuel. We will give a specific day and date to all the students for tree plantation at the end of each session.

Orientation Programme :

Every year, at the commencement of a new session, the Department of Applied Sciences and Humanities organizes an Orientation Programme for the first year where our Hon'ble Chairman Dr. Satish Yadav addresses the new students. Later, Dean-Academics Prof. Onkar Singh personally addresses all the students of first year acquainting them with the know-how of the College environment and the various facilities at their behest. Finally HOD, Applied Sciences and Humanities, Prof. (Dr.) S. K. Gupta addresses the students and brief them about the importance of Sessional Exams and Attendance etc. After these enlightening addresses, the students are taken around the College Campus under the guidance of their class-counselors to all the Departments, various labs, Library, Medical Cell, Canteen etc.

Anti-Ragging Campaign :

Keeping with the strict directives of the Supreme Court, UGC and AICTE, the Management of Dronacharya took very vigilant steps to maintain the tradition of a ragging-free environment in the College Campus. **An Anti-Ragging Committee, under the chairmanship of Dr. S. K. Gupta, H.O.D. of Applied Sciences and Humanities**, was formed to spread awareness among the students-freshers as well as seniors. **A meeting of the parents of the senior students, the members of Anti-Ragging committee was arranged on 19 July 2009.** Principal, Dean-Academics, Dr. S. K. Gupta-Chairman-Anti-Ragging committee, addressed the meeting. They informed the parents and the students about the Anti-Ragging policy of the College and the possible disciplinary actions and punishments that any act of ragging would invite. The senior students and their parents were made to sign an undertaking stating their no-ragging stance. Faculty Members were also made to sign an undertaking accepting their duty and responsibility to stop ragging. Posters with anti-ragging messages, anti-ragging rules and laws, with the phone numbers of Anti-ragging help line and important person of the College including Principal, Dean, Chairman-Anti-Ragging Committee, H.O.D.s all Departments, Hostel Wardens etc were displayed in every nook and corner of the College and the College buses. To stop ragging inside and outside the College campus, special proctorial duties were assigned to faculty members in hostel (during night), at College gate and canteen during college timings, enroute the college on the hangout points of the students (at the opening and departure time of the College), in the College buses etc.

Lab and Research Work :

Any technical institute is incomplete without its Research Section. Under the auspices of the R & D wing and the guidance of our Research Advisor Prof. (Dr.) C. Ram Singla, the Faculty Members endeavour to excel in the field of Research and Development. 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. Many of the faculty members of the Department of Applied Sciences and Humanities have contributed research papers to the research journals of the College, which is soon going to be published.

Student's Viewpoint About The Department :

Dronacharya College of Engineering is a name synonymous with discipline and quality. It is an institution where one can actually understand the real meaning of education and enjoy ragging-free and peaceful environment. The faculty members of the college are highly qualified, well disciplined and very co-operative. Seniors too, are very helpful and provide guidelines to the juniors. Hence, it is not wrong to refer to such an institution as Gurukul instead of College since it has all the attributes of a real Gurukul.

Kanika Kalra

(Roll No. 12169)

As a student, everybody dreams of getting into a college that provides an education par excellence. I take pride in being associated with Dronacharya College of Engineering which a blend of traditional ethics and modern education. Joining the college a few days back, I feel I made a right decision to be a part of this technical hub, which not only aims at our academic growth but also at improving our overall personality. It is situated away from hustle-bustle of the city amidst clear and calm environment. Besides this, teachers here are always ready to help when students need any sort of guidance. **And, the best part of this college is its infrastructural Library, classrooms, canteen and well-equipped laboratories. This college aims at Quality Education. It is an institute that follows discipline and provides ideal academic environment.**

Tamanna Rohatgi

(Roll No. 12250)