



Dronacharya College of Engineering

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Applied Science and Humanities

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From Editor's Desk :

To be human is to be creative in various ways with a variety of fields.

We, at **Dronacharya College of Engineering, Gurgaon** encourage the students for exposure of innovation and creativity not only to adapt new situations but also lead the corporate world. We don't leave any stone unturned in empowering today's learners to become the leaders of tomorrow & making our students embark their journey of discovery, developing their own abilities, skills and self-belief needed to succeed as globally renowned professionals.



The present era of rapid development in technology is changing Technical Education globally. We are marching into the new millennium with immense power of these technologies.

Today, **Dronacharya College of Engineering, Gurgaon** has become a dream destination for engineering aspirants. We have achieved this reputation due to the exceptional qualification and experience of dedicated faculty and staff, excellent infrastructure with modern laboratories, classes for personality development, remarkable university results and placement. We also keep on inviting eminent technocrats, scientists and experts from industry to update current technology to the students to brighten their future.

The present society is knowledge-based, where talent is the most important asset for any young engineer. In order to utilize the available opportunities to the maximum, it's quite important to change the mindset of the aspirant since the very first day. Our vital aim is to groom **Dronacharyans** in a way that could help them touch the pinnacle of perfection.

We are committed to explore all possibilities for the best educational environment in future and hope that our students will come up to the expectations of society with excellence in technical field.

Editor, (Dr. Sunil K. Mishra)

From HOD's Desk :

At the outset, I welcome the budding engineers at Dronacharya College of Engineering, Gurgaon.



No doubt, engineering is an exciting, challenging and rewarding profession. Engineers apply advanced techniques in science & technology for well being of humanity and they are engaged in diverse occupations as planning & design, research & development, construction, manufacturing, consultancy and operation management etc.

We, at **DCE** are committed to prepare a knowledge workforce comparable to the best in the world through imparting technical education in main streams like Computer Science Engineering, Electronics and Communication Engineering, Civil Engineering, Information Technology, Mechanical Engineering and Electronics & Computer Engineering. We transform young students into confident engineers with a sense of social responsibility, human values and concern for environment. We strive to train the students to become excellent scientists, technologists, thinkers and leaders of the society, and also help them mould themselves into better human beings.

To a common man, no doubt the challenges in the 21st century are far greater than to earn their livelihood. Added to this, the ongoing process of liberalization shall make the challenges stiffer, since the falling trade-barriers across the world are posing the world's best competition at our doorsteps. Today, the world is witnessing a period of intense and drastic change in the way organizations function. The corporate universe is being inundated by stimuli that force a constant metamorphosis in theory and practice of Technology.

We are committed to make this college a Centre of Excellence in the field of Engineering and Technology. I assure you that every member of **Dronacharya College of Engineering** is committed to transform raw hands into intellectuals by injecting fundamentals with concepts and skills to enable them to face the technology of tomorrow.

I wish you a pleasant stay and every success in realizing your aspirations at **DCE**, Gurgaon.

Head of Department, (Prof. (Dr.) Sri Krishan Yadav)

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

The faculty is the back-bone of any Educational Institution. At DCE, they 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 thinking skills.

New Appointments :-

Department of Applied Sciences and Humanities has added four new members to its team namely:

- ✚ **Dr. Dilip K. Singh** has joined as a Professor of Mathematics. He has a wide experience and exposure in the subject.
- ✚ **Mr. P. C. Mittal** has joined as an Assistant Professor of Mathematics. He has a rich experience in teaching Mathematics at different level.
- ✚ **Mrs. Isha** has joined as an Assistant Professor of Environmental Sciences. She is an M.Tech in Environmental Sciences from Thapar University.
- ✚ **Mrs. Parul Mishra** has joined as Assistant Professor of English.

Co-Curricular Events :

Under the patronage of **Prof. (Dr.) Sri Krishan Yadav, H.O.D., Applied Sciences and Humanities** also the Chairman of Cultural/Co-curricular activities, a number of cultural events have taken place.

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 back drop for the development of their creative talents.

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 students. On **10 August 2011**, we organized the Orientation Programme to make the students formally familiar with their class rooms, laboratories. Our Hon'ble **Principal Prof. (Dr.) B. M. K. Prasad** addressed all the students of first year acquainting them with the know-how of the College environment and the various facilities at their behest. He also emphasized on discipline, punctuality and class work. Finally **HOD, Applied Sciences and Humanities, Prof. (Dr.) Sri Krishan Yadav** addressed the students and briefed that the students will get the assignments, class notes in PPTs and model papers on their email ids. Counseling the students, he said that the assignment and practicals will be assessed on their every turn. After these enlightening addresses, the students were taken around the college campus and acquainting them to college facilities (Auditorium, Library, Medical Cell and Canteen) under the guidance of their class-counselors.

Anti Ragging Campaign :

Keeping with the strict directives of Hon'ble Supreme Court of India, UGC and AICTE **Dronacharya College of Engineering, Gurgaon** 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 **Prof. (Dr.) Sri Krishan Yadav, H.O.D., Department of Applied Sciences and Humanities**, was formed to spread awareness among the students - fresher as well as seniors. The members of Anti-Ragging Committee 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, HODs - all Departments, Hostel Wardens etc were displayed in every nook and corner of the College.

Research and Publications :

The next issue of our Dronacharya Research Journal (ISSN: 0975-3389) has been brought out. The papers entitled

1. Characterization of $m = +1, 0$ Module Helicons.
2. Predication in the Least Squares Model and its Applications.
3. Arnebia Nobilis: A New Natural Food Colorant with Medicinal Value.
4. Study of Transportation Model.
5. Karnad's Plays: Matrix of Mythic Modes Attaining a Larger Frame of Reference (with Reference to Tuglaq)

were contributed from faculty members of the **Dept. of Applied Sciences and Humanities**.

Student's Speak :

The **Dept of Applied Sciences & Humanities** is one of the most dedicated ones in the college. Under the guidance of our respected **HOD Prof. (Dr.) Sri Krishan Yadav**, the Department has witnessed tremendous progress. Our HOD encourages us to focus on becoming well groomed, able Engineers and not merely people with a technical degree. The faculty members are also extremely helpful and supportive. The Information Resource Centre or Library in the College is the one place where we have access to every book that is part of our curriculum. There is also a huge reference section to assist us further in our pursuit of knowledge. There are also a host of different types of technical, non-technical journals, newspapers and magazines available to the students.



Sweta Singh (Roll No. 14626)

Our Department has a balanced blend of Professors, Associate Professors and Assistant Professors who deliver their lectures in way that the topic becomes easier and interesting. In the Department each class room is equipped with an over Head Projector, which is fully exploited by the faculty. Presentation and Seminars are held regularly. Our labs are fully equipped and the staff members take pain to explain to us the experiments. We are given free hand to use computer room for internet connection. Our Department is progressing in various spheres like quality of teaching, better labs and placement.



Anuj Yadav (Roll No. 14149)

Being a part of this esteemed and reputed college, I feel proud to see myself at a place where the elements of knowledge, discipline and education merge to light up the lamp of success for the members of this family. The discipline maintained here is worthy of appreciation and 'Guru Shishya' relation is certainly not to be forgotten. The Faculty members give individual attention to the students, which is unlike any other institution. Various occasions are celebrated according to our customs, tradition and culture. I fall short of words when it comes to describing the **Dronacharya** family. I would just say that the glow of this institution is 'ineffable'.



Ishaan Vij (Roll No. 14431)

As the rays of the sun fall on our faces, a splendid building attracts us to itself and this building is none other than our college 'Dronacharya College of Engineering'. Here education is a happy learning process, along with academics; the college aims at all round development of the personality of its students. Every moment is the moment of creation and each moment of creation has infinite possibilities. This becomes clear to us at this college. The college has a widespread beautiful campus with sprawling lush green lawns in the midst of sylvan surroundings. It does not merely teach quality, productivity and efficiency but also provide an environment with an exemplary campus eulogized for quality culture, productivity-linked operation systems and admirable administration to serve the larger interest of the student community.



Gunjan Chhillar (Roll No. 14031)