



Dronacharya College of Engineering

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Applied Sciences and Humanities

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From Editor's Desk :

"The future belongs to those who believe in beauty of their dreams."



Dronacharya College of Engineering is entrusted with a sacred mission to bring up and groom the students, train them up in such a way that whenever they go uphold loft traditions of the family and the college represent. We have made swift and steady movement on academic as well as co-curricular fronts. Our faculty members streamline the academic resources, chalk out their plans and confidently climb on the tidal wave of success. We provide all demanded facilities leading to the placement, entrepreneurship and research & publication. We let the curiosity of our students flourish in the college ambience for their holistic education and career. Our students explore the world around through the philosophy of Excellence in academics, Empowerment through technology, Enrichment through creative and performing Arts and Environment awareness.

DCE has been a source for inspiring and alluring the students to make their own contribution to the society and nation. I feel proud to reiterate that the students, staff and faculty members are committed to preserve and enhance the standard and standing of **Dronacharya College of Engineering** as a leading technical institution.

"All our dreams can come true if we have the courage to pursue them!"

Editor, (Dr. Sunil K. Mishra)



From HOD's Desk :

"A total commitment is paramount to reaching the ultimate in performance."

Tom Flores

We, at **Dronacharya College of Engineering**, are committed to generating, disseminating and progressing knowledge in the field of Engineering and Technology with an amazingly futuristic vision in modern Gurukul environs. Our Department is a confluence of intelligent and experience, denoted to translate the vision of DCE being one of the best Technical Institute. We also focus on developing new Teaching-Learning pedagogies and new content within the prescribed curriculum for the overall development of the students. We invite faculty from industry and reputed institutes to keep them abreast with the inundating world of information and knowledge. The true elixir of our department is manifested in the academic performance of our students who have brought laurels to the department and Institute by being the University Merit list every semester.



It is with great sense of achievement and pride, we say, that we are always in the pursuit of making the worthy talents of our students float in the desired aura of knowledge.

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

New Appointments :

In a dynamic process of enriching the knowledge pool of the College the Department of Applied Sciences and humanities has a new addition to its team of talented staff members. **Dr. Vimla Yadav** has joined as Associate Professor of Chemistry in the Department of Applied Sciences and Humanities.

Major Events :

National Seminar ARASAT- 2011

The department of Applied Sciences and Humanities, **Dronacharya College of Engineering, Gurgaon** organized a one-day **National Seminar on Application of Recent Advances in Science & Technology (ARASAT)** on **19 February 2011**. Its objective was to bring eminent Academicians, Scholars, Researchers & Experts from different technical domains to explore new horizons of the ever innovative fields of Science & Technology.

The seminar (**ARASAT-2011**) was inaugurated by **Hon'ble Chief-Guest Prof. (Dr.) O.P. Sharma**, IIT Delhi on **19 February 2011**. In his inaugural speech, he said that the wide range of Applications and Advances in Science & Technology, in urban & rural sectors, was, is and will be contributing in a big way to the development of the Nation. He emphasized that **Dronacharya College of Engineering** has created an environment to foster the growth of intellectually capable, innovated and entrepreneurial professionals who would contribute to the growth of Science & Technology and harness it for the welfare of nation and mankind. He also appreciated the papers presented by the college students on Fusion plasmas, Nano technology, Institute-Industry relationship, Black hole etc.



Hon'ble Principal addressing the participants



Hon'ble Chief Guest receiving the Memento



Hon'ble Principal presenting the Memento to the guest of honor



Dr. B. B. Sahu ,Chief Co-ordinator expressing his heartfelt gratitude to the participants

Addressing the participants **Hon'ble Principal Prof. (Dr.) B. M. K. Prasad** said that the college has always been bringing up innovation into the technical education, anchoring high-end research programs, promoting patenting support units, developing innovative projects and organizing seminars, conferences and workshop etc. He congratulated **Prof. (Dr.) Sri Krishan Yadav, Convener (ARASAT-2011)** for providing a forum to academicians for exchange of views on different topics of current interest in the field of Science, Engineering & Technology.

The seminar ended with concluding remarks and a vote of thanks by **Dr. B.B. Sahu, Chief Co-ordinator (ARASAT-2011)**. He expressed his profound gratitude to the magnanimous Management, Hon'ble Principal, Dean Academics and also thanked all the participants and delegates in making this platform a two -way learning domain.

Seminar on Education

Hon'ble Principal of our college always encourage and motivate faculty members and students in enriching their knowledge. **Prof (Dr.) S. K. Bagga, HOD, Mechanical Engineering; Prof. Y. P. Chopra from ECE department and Dr. Sunil K.Mishra from Applied Sciences and Humanities** attend **a two-day seminar on Education organized by Ramakrishna Mission, New Delhi from 12-13 February 2011**. The seminar was inaugurated by **Shri Kapil Sibal, Hon'ble Minister of HRD and Telecommunication, Govt of India**. In his inaugural speech, he emphasized on the execution of Swami Vivekanand's philosophy of Education.

Quality Improvement Program on Science & Technology

Seven Faculty members **Dr. A. K. Singh, Dr. Smita Srivastava, Mr. Surender, Mr. Lalit Dalal, Mrs. Sangeeta Singla ,Mr. Ashok Kumar and Mr. Nitesh Kumar** attended the Quality Improvement Programme from **13 Dec-17 Dec, 2010** organized by Department of Humanities and Social Sciences at IIT, Guwahati on "Science, Technology & Society". This programme not only helped them to enlighten their knowledge and vision on Science, Technology & Society but also enriched their teaching skills.

Research and Publication

The department has been making proactive efforts to upgrade the knowledge and skills of faculty members and even provide equal opportunity to the students for peer-interaction and sharing of knowledge by motivating them to participate in the National Seminars, Conferences & Workshops. Hardworking and Committed Faculty through their serious teaching and research endeavors has made the department strong, balanced and globally competitive in terms of Quality Education.

Apart from writing books, articles in academics, our stalwart faculty members - **Mrs. Sangeeta Singla, Ms. Sumit Rana** and **Mrs. Teena Sharma** contributed their Research Papers in the **Dronacharya Research Journal (ISSN No: 0975-3389,)** a journal of international repute.

Annual Sports - Meet

In addition to imparting academic excellence, **Dronacharya College of Engineering, Gurgaon** lays special emphasis on all round development of the students. Following its tradition, the College organized Annual Sports Week from **19-24 February, 2011**. During this, the College was adorned with multi-colored flags. Students from different streams participated in sports and games. **Races, Cricket, Volleyball, Tug of war, and several other activities** filled the grand playground of the college with charm and cheerfulness. **Dr Satish Yadav, Hon'ble Chairman of Dronacharya Group of Institutions** presided over the Sports Function as the Chief- Guest and gave away prizes, tantalizing trophies and scintillating shields to the winners and runners up on closing ceremony, **24 February 2011**.

Motivating the students, Hon'ble Chairman expressed that **Dronacharya Group of Institutions** seeks to instill in each student those qualities of healthy mind and character that are imperative for innovation, incisiveness coupled with judicious leadership, good citizenship and ethical conduct. Addressing the students, **Hon'ble Principal Prof. (Dr.) B. M. K.Prasad** appreciated the students for participating in sports with a great zest and zeal.

The sports function was concluded with the **Sports-in-charge Prof. (Dr.) H. S. Dua's** vote of thanks. On behalf of the students, staff and faculty members, he expressed his gratitude to the Management, Hon'ble Principal, Dean Academics and all HODs for providing all possible help and cooperation.



Hon'ble Chairman declares the opening of Sports meet



Principal appreciating the Student for their full participation



Winning Team with the Trophy



Winning Team sharing the beautiful moments with their HOD



Hon'ble Chairman receiving Memento from the Principal

Drontech 2011

Dronacharya College of Engineering, Gurgaon organized a two-day event - **Drontech-2011** a commendable confluence of technological know-how and colourful events- on **25 and 26 February 2011**. On this grand occasion the opening was presided over by the **Chief Guest Hon'ble Prof. (Dr.) P. M. V. Subbarao**, IIT Delhi who enlightened us with his words of wisdom. Addressing the students, he appreciated the dedicated, strategic and well-directed efforts of the college staff and students in organizing a comprehensive, flagship and enviable event.

Various technical events like Poster presentation, Technical group discussion, Brain twister-quiz; Mat-Pro, Innovata-Project exhibition etc. were organized. The students put their efforts and made the event a success. On the closing ceremony, **26 February 2011**, the prizes were given away to the winners by **Hon'ble Principal Prof. (Dr.) B. M. K. Prasad**. He congratulated the winners, faculty and staff members who put in a tremendous amount of diligence, intelligence and enormous effort to make the event a brain-storming session and a delightful experience. This event provided a very good technical platform to the future technocrats and engineers. It bestowed on Dronacharyans the characteristics of Determination, Passion, Teamwork and Brotherhood.

The event was concluded with a vote of thanks by **Prof. (Dr.) S. K. Bagga, Convener, Drontech - 2011**. He expressed his heartfelt gratitude to the Management, Hon'ble Principal, Dean Academics, all HODs and faculty members for their contribution and cooperation.



Hon'ble Principal addressing the technocrats



Hon'ble Chief Guest receiving the Memento



A participant from Dronacharya getting a Certificate



A participant from Amity University getting a Certificate

NSS : A Seven - Day Special Camp

With a belief in '**Service before Self**' our Department has been taking proactive steps in creating a socially aware youth through its NSS Unit of 100 students. We have been organizing various events like Blood Donation Camps, Eye Check-up Camps, Social Awareness Camps etc. Taking a step towards identifying and solving the needs and problems of the society, NSS unit of **Dronacharya College of Engineering**, Gurgaon organized a seven-day special camp from **19 to 25 February 2011**. It was inaugurated by **(Dr.) J. S. Dhankar**, NSS coordinator, M. D. University, Rohtak. In his inaugural speech, **(Dr.) Dhankar** said that **Dronacharya College of Engineering** is in dynamic equilibrium with its social, ecological and economical environment. The college has the opportunity to have the maximum number of volunteers in the field of social and national services like NSS, Commonwealth Games, Yamuna Cleanliness Drive etc. It is a leading college in rendering services to humanity through its philanthropic programs as organizing Eye Camp, Blood Donation Camp, Tree plantation etc.

Talking about the seven-day special camp, he stated that volunteers would make the people aware on Health & Hygiene, different social issues, cleanliness, pollution control etc.

Addressing the volunteers **Hon'ble Principal Prof. (Dr.) B. M. K. Prasad** reiterated the commitment of the college fraternity on taking up social problems as a challenge. He said that the college would encourage the volunteers through providing all possible help in the service of mankind. He expressed his gratitude to **(Dr.) J. S. Dhankar**, NSS coordinator MDU Rohtak & **Mrs. Charnjeet Kaur, State Liaison Officer, Punchkula**, Haryana. He also appreciated the initiative taken by **Mr. Ashok Kumar** and **Mrs. Sangeeta Singla NSS program officers**, in making the camp successful.



Hon'ble Chief Guest receiving the Memento



Hon'ble Guest of honor receiving the Memento



NSS Volunteers at Govt. Sr. Secondary School, Khentawas

Student's Viewpoints :

The department of Applied Sciences and Humanities provides a firm foundation to the aspirants of varied streams. I must share that the faculty and staff members make adequate endeavors to make a useful contribution to the career of Dronacharyans. Besides imparting academic excellence the college also organizes co-curricular activities like scintillating sports and Drontech-, a commendable criss-cross of various events. It's my privilege to be a student of Dronacharya College of Engineering, Gurgaon.



Mrityunjay, ME, (Roll No. 13314)

I take this opportunity to express my gratitude to be Dronacharyan. In my view, all faculty members are very hard working, sincere, disciplined and dedicated towards conducting lectures, practicals, seminars, workshops and personality development classes. They also help us to solve, guide and counsel over our day-to-day problems. I feel proud to be a student of the department of Applied Sciences an Humanities.



Molisha Mehra, IT, (Roll No. 13435)

Our HOD, **Prof. (Dr.) Sri Krishan Yadav** encourages us to focus on becoming well groomed and useful engineers. The department of Applied Sciences and Humanities nurtures career of excellence and leadership in every student of DCE. The faculty members of our department not only impart theoretical and experimental knowledge but also groom us for different skills, aptitudes etc which help in getting placed in reputed MNCs. Our labs are fully equipped and the staff does take pain to explain the experiment to us.



Saniva Puri, ECE, (Roll No. 13230)