



Dronacharya College of Engineering

ISSUE

Vol vii issue LXXIV

Computer Science Engineering

In This Issue....

- ✦ Editor's Desk
- ✦ HOD's Desk
- ✦ Orientation Program for Students
- ✦ Research Mind Print
- ✦ International Level Publication
- ✦ Faculty Achievement
- ✦ Student Achievement
- ✦ Result
- ✦ Seminar
- ✦ Student's Viewpoints

From Editor's Desk :

Dronacharya College of Engineering, Gurgaon is an elite institution regarded as one of the best engineering colleges in the state of Haryana & NCR imparting quality education for more than fifteen years. The idyllic surroundings with a vast expanse of lush green paddy fields and calm atmosphere of the college are conducive for academic excellence.



As an academic institution, **DCE, Gurgaon** believes in imparting education based on ethics and social values. In order to continuously enhance and upgrade the quality of education, the dynamic, dedicated and experienced faculty members work on the principle of social transformation through dynamic and useful technical education. We strive to provide a platform to budding researchers, technocrats and entrepreneurs for achieving their rightful place in the relevant field.

DCE, Gurgaon a place that reflects an aura of technical learning. The college has always been proactive in its academic planning and execution. Our academic responsibility is mainly to identify the caliber of the students invoke confidence, intensify ability & skills and enthuse them successfully. The teaching learning process in the campus is meticulously planned and effectively implemented with the able support of the faculty members under the guidance of visionary Principal and HODs. Class Tests, Sessional Exams and Continuous evaluation of Assignments and Lab-work backed by remedial classes, student counseling and parent interactions form the nucleus of the teaching learning process.

Since inception, we are committed to provide Dronacharyans with an outstanding education that is current, relevant, and meaningful in today's dynamic and rapidly changing global marketplace. Today, our efficient, effective and enthusiastic Dronacharyans bring glory to the Country and scaling new heights of performance. They exhibit enviable performance at the university examinations and also in placement with various MNCs. They continuously excel in national and international competitive examinations like GATE, GRE and TOEFL and others opt for higher studies in India & Abroad. Students also exhibit a high level of competence in their area of study, sports, cultural and demonstrate services to the society. Through intellectual, social, physical, and spiritual development, we also seek to provide students with skills and strengths they need in their roles as citizens, friends, parents, community leaders, employers, employees, teachers, and caring individuals.

Editor, (Dr. Sunil K. Mishra)

From HOD's Desk :

CSE Department is a team of highly motivated faculties and support staff. We work on a tried and tested knowledge delivery model with the help of highly effective tools and techniques, aimed at student's better and bright future. The knowledge delivery model consist of verticals such as placements, research, projects, events, knowledge labs, teaching methods and sports etc. All these verticals have their own plans and procedures for delivering up to institutes standards and are led by faculties' best in their field. The labs and classrooms are equipped accordingly. These verticals consistently perform to their abilities to garnish talents among students such as innovativeness, hardworking, analytical, leadership abilities and communication skills.



We understand the market reality where our students are aimed at. The situation in the market is unpredictable and is driven by many global / local factors. We tune our plans and procedures accordingly and train our students to cater the changing scenario of the competitive world. We also aim at equipping students with idea oriented program and coach them how to harvest best out of the worst scenario.

Head of Department, (Prof. (Dr.) S. V. Nair)

Orientation Program for Students :

The Orientation program was held on **22nd August, 2012** in the elegant auditorium of the college. The aim of the event was to equip student with various processes which was exclusively included in Computer Science & Engineering department. During the orientation, the faculty members discussed about various mode of operand under the Project, Research, Seminar, Online Test, Events & SMI." I being in this college from last ten years am looking after five major verticals like placement, grievance , time table , dcore, cultural .To bridge the gap between student and teacher Computer science and engineering department have a student grievance cell where student can express their grievances " said **Mrs. Chitra Kaul, Process Head-Grievance**. She also guided student about placement ,started an online test in calibration with **IIT, Mumbai**.

Events group plays positive role in the academic life students; the basic idea behind organizing events is to build confidence and team building capabilities and entrepreneurship qualities in the student. Mrs. Nilam Rohil, Process Head-Events encouraged the student to take participation in events which will be carried in the Computer Science & Engineering Department. She said that taking participation in event build confidence.

"Projects are important milestone in students engineering curriculum. CSE department's strategy is to convert the students IDEA into a workable project, thus energizing student's passion to work for realizing their own dream IDEA into a feasible project", reiterated **Prof. R. R. Chaudhary, Process Head-Project**. **Mr. Vishal Bharti, Process Head-Research** and **Minakshi Memoria, Process Head- Seminar** talked about research and seminars respectively.

Research Mind Print :

Research support activities aimed at developing and integrating technologies both in advanced emerging areas and in traditional sectors / areas. Under the esteemed guidance of **Mr. Vishal Bharti, Associate Professor and Process Head Research**, these R&D activities and feasibility of fresh ideas/concepts are assessed for their potential into useful technology/product output. Twelve papers are selected at International Level Publication of students of **CSE Department**. The detail of the same is given below:

International Level Publication :

- Ankur Arora, Ashish Kumar, Ch. Jahirul Islam, "**Long Term Evolution**" *Discovery Publication* Volume 2, **Oct-Nov 2012**.
- Ankur Arora, Ashish Kumar, Ch. Jahirul Islam, "**Near Field Communication**" *Discovery Publication* Volume 2, **Oct-Nov 2012**.
- Akshay Sharma, Deepak Basora "**Cyborgs: Reinvention of Nature**" *Discovery Publication* Volume 2, **Oct-Nov 2012**.
- Dhruv Tiwari, Lokesh Nagpal, Devansh Sood, Apoorv, "**Biometric Technique**", *International Journal of Computer Engineering* Volume 2, **2012**
- Akhilesh , Bhagwani, "**Android 4.1 Selly Bean**", *IJSER*, Volume 3 Issue 9, **Sep 2012**
- Harpreet, Jyoti, Jyoti Yadav, Ankur "**Artificial Intelligence:Bringing Expert Knowledge to Computer**" *Discovery Publication* Volume 2 Issue 4, **Oct-Nov 2012**.
- Harpreet, Jyoti, Jyoti Yadav, Ankur "**Brain Fingerprinting**" *Discovery Publication* Volume 2 Issue 4, **Oct-Nov 2012**.
- Anju Yadav, Kavita Rani, Anu Kumari, "**Cloud Security: Analysing the risks involved in Cloud Computing environment**", *Discovery Publication* Volume 2, Issue 4, **Nov-2012**.
- Kapil Dulani, Jyotsana Aayush, "**Internet Censorship**", *IJAORT*, Volume 1, Issue 4, **Aug 2012**
- Naveen Kumar, Rajbir Singh, Vaibhav Arora, Vikas Rohilla, "**Grid Computing** ", *International Journal of Advanced Research in Computer Science & Electronics Engineering*, Volume 1, Issue 6, **Aug-2012**
- Sumit Ghulyani, "**Brain Interface-Borlevard of Smarter Thoughts**", *International Journal of Advanced Research & Technology*, Volume 1, Issue 6, **Oct 2012**.

Faculty Achievement :

- Mrs. Neha Malik "Proposed Classification Approach for Software Component Reuse" *International Journal of Electronics & Computer Science Engineering* Volume1, **Number 4th, August 2012**.
- Shipra Kataria & Neelam Ruhil "Top & Set Row Count-A Technique to determine the Best Strategy for Loop Optimization" *Dronacharya Research Journal* Volume IV Issue I, **Jan-June 2012**.
- Kshitija Pol, Manisha Saini & Varsha Shrivastava "Face Recognition Using Quantized Data & Manhattan Distance" *Dronacharya Research Journal* Volume IV Issue I, **Jan-June 2012**.
- Komal Kathuria & Neha Malik "Switch Mode" Decoupling of Database Enabling Scalable Computing *Dronacharya Research Journal* Volume IV Issue I, **Jan-June 2012**.
- Chain Singh & Hansaj "Domain Specific Collection with Genetic Algorithm" *Dronacharya Research Journal* Volume IV Issue I, **Jan-June 2012**.
- Rajesh Kumar & Vinod Kumar " Effort Estimation with Use Case Size Point" *Dronacharya Research Journal* Volume IV Issue I, **Jan-June 2012**.
- Radha Raman Chaudhary "A Critical Study of the Changed Forces of an Institute". *Dronacharya Research Journal* Volume IV Issue I, **Jan-June 2012**.
- Kshitija Pol, Neelam Ruhil, Meenu Gupta & Varsha Shrivastava have participated & successfully passed in Consultancy Development Certification Course held on **28th may-8th Jun, 2012**.
- Neelam Ruhil, Shipra Kataria & Chain Singh have participated & successfully passed in DB2-Database program certification held by IBM on **25th-27th Jul,2012**.

Student Achievement :

"Mr. Kapish Kumar Jain, 3rd Year Student of CSE registered his name in Guinness records for participating in Windows AppFest Contest 2012" held in Bangalore.

Result :

Overall passing result of IV semester is 95% is mentioned.

Toppers of IV Semester :

Sr. No	Roll No.	Student Name	Percentage
1.	13065	Neelam Sharma	85.04
2.	13101	Shweta Garg	82.95
3.	13027	Babita Sandooja	82.69
4.	13080	Preeti	81.13
5.	13067	Nikita Chhillar	80.78

Overall passing result of VI semester is 97% is mentioned.

Toppers of VI Semester :

Sr. No	Roll No.	Student Name	Percentage
1.	12126	Vinita	81.14
2.	12087	Shilpi Gupta	80.17
3.	12107	Priyanka Yadav	79.56
4.	12111	Sujata	78.16
5.	12636	Anu Kumari	77.91

Overall passing result of VIII semester is 94.7% is mentioned.

Toppers of VIII Semester :

Sr. No	Roll No.	Student Name	Percentage
1.	11055	Lalit Larg	86.38
2.	11092	Rashmi Kalra	86
3.	11072	Neha Setia	85.04
4.	11073	Nidhi Rani	84.67
5.	11091	Rajat Gupta	82.23

Seminar :

- On **5th September, 2012** Abhas Vasisht, a student of seventh semester delivered seminar on **Hadoop**.

Hadoop :



Hadoop is a framework for running applications on large clusters built of commodity hardware. The Hadoop framework transparently provides applications both reliability and data motion. Hadoop implements a computational paradigm named Map/Reduce, where the application is divided into many small fragments of work, each of which may be executed or reexecuted on any node in the cluster. In addition, it provides a distributed file system (HDFS) that stores data on the compute nodes, providing very high aggregate bandwidth across the cluster. Both Map/Reduce and the distributed file system are designed so that node failures are automatically handled by the framework.

ABHAS VASHIST
CSE I (VII Sem)
Roll No. 12003

- Another student Abhishek delivered a seminar on **Grid Computing** on **19/09/2012**.

Grid Computing :

Grid is an infrastructure, which allows integrated, collaborative use of geographically separated, autonomous resources. Grid Computing is a technique in which the idle systems in the Network and their wasted CPU cycles can be efficiently used by uniting pools of servers, storage systems and networks into a single large virtual system for resource sharing dynamically at runtime. Uses a large number of small systems spread across a large geographical region and presents a unified picture to the user. It leverages a combination of hardware and software virtualization, and the distributed sharing of those virtualized resources. These resources can include all elements of computing, including: hardware, software, applications, networking services, pervasive devices, and complex footprints of computing power.

CSE I (VII Sem)
Roll No. 12004

Student's Viewpoints :

The Department of **Computer Science Engineering** at **DCE** is like a family to me. Our HOD **Prof. (Dr.) S. V. Nair** guides the students to achieve excellence with high level of discipline and sincerity. He aims to facilitate Quality Engineering Education and create employable engineer. The faculty members are always there to help student ,no student is left unheard. From attending work shop, seminar, summit, or taking part in competitions in-campus or off-campus our department is always very supportive. It encourages students to write research paper and work on projects from the very beginning to achieve better placements and thus a better FUTURE. I am proud to be a part of the esteemed Department of CSE in our college. I wish to bring more glory to my alma mater.



Garima Bhasin (Roll No. 13040)

I feel privileged to be a student of the **Computer Science & Engineering** Department having guidance of our HOD **Prof. (Dr.) S. V. Nair** Sir & and faculty members.



Prerna Mangala (Roll No. 13082)

With the **Spoken Tutorials Project**, being organised of in collaboration with **IIT Bombay** in our campus, we have access to some of the best learning resources in regards with the Free Open Source Software [FOSS].

I wonder from where I should begin writing about **Computer Science and Engineering Department**. I will begin from the beginning and beginning means Academics. Unlike other colleges or departments, CSE Department strives to provide the best-in-class teaching and learning experience. The environment encourages us to stand up and ask question. Although regular teaching proves to be an essential aspect of learning, we are encouraged to ask questions and learn better by experimenting.



Second thing I would like to talk about is Industry Relationships. CSE Department works hard and seamlessly to develop healthy relationships with industries. This directly affects our probability of getting placed through campus.

Last thing I would like to talk about is Human Relations. Apart from curriculum and academics, we are always advised to be confident and give our best in anything. This healthy, interactive and happy environment helps in growth of Academics and Industry Relationships.

Mohit Memoria (Roll No. 12066)