



Dronacharya College of Engineering

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Computer Science & Engineering

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From Editor's Desk :

The whole art of teaching is only the art of awakening the natural curiosity of young minds for the purpose of satisfying it afterwards.

Antole France

The global technology is bearing testimony to unprecedented changes. To remain competitive in this environment, there is an increasing demand for professionals who can face new Challenges. This metamorphosis demands new mindsets, knowledge base and skill sets, which are instrument for success, in this time of transition. At **Dronacharya College of Engineering Gurgaon**, we train the students so that they could meet challenges head on. Towards our vision of creating a thinking professional order, we continue to aim at newer heights and excellence in the field of Technical Education.

Individuals who are willing to acquire the skills, attitude and integrity needed to face challenges to achieve success in the contemporary world of science & technology are welcome to an ambience of professional education, traditional values and contemporary ideology. Our core values of excellence, integrity, transparency, quality, team work, execution with passion, trust, continuous and student centric learning are all closely integrated into our academic programs. We believe in the complete development of our students and encourage them by providing the best of incentives and infrastructure. Students are expected to broaden their horizons academically too, and the pursuit of knowledge over and above the prescribed syllabus is a given.



Editor, (Dr. Sunil K. Mishra)

From HOD's Desk :

"Changes will commit by the leaders who know the way to change the future and inspire the world".

At **Dronacharya College of Engineering, Gurgaon**, we believe in building foundation on a wide base of knowledge, which includes the elements of professional, subjective, practical and spiritual base.

Knowledge and continuous learning is the mainstay amongst the best organizations of today. In keeping with this requirement, we have prepared the students that equip the future technocrats of tomorrow with learning, skills and competencies that set them apart. Let us together strive to elevate **Dronacharya College of Engineering, Gurgaon** from good to great!

Our aim is to provide students with a balance of intellectual and practical experiences that enable them to serve a variety of societal needs. We are having hard-working students, young and dynamic faculty, whose expertise spans the range of disciplines in computer science stream and a very healthy work-culture, are the basic elements that comprise the Department of Computer Science & Engineering the hub of the institute's academia. I am sure in times to come; many students from our department will make indelible mark nationally and internationally in the field of Computer Science and make us proud.



Head of Department, Prof. (Dr.) Jitender Kumar

Drontech - 2013 :

Drontech - 2013, Annual Techfest of **Dronacharya College of Engineering, Gurgaon** was organized in the college campus on **16th March 2013**. More than 500 students from various colleges across north India participated very actively in four different events (Project Competition, Paper Presentation, Poster Presentation & Rangoli on Technical Topics) and showcased their talent & skills.

The **objective** of this technical event was to provide an interdisciplinary forum of confluence for a variety of technical potentials. Inaugurating the Techno fest **Drontech-2013**, the Chief Guest **Shri Deepak Agarwal**, Director General, Consultancy Development Centre, DSIR Ministry of Science & Technology, Govt. of India, and New Delhi shared his valuable thoughts and experiences with the students.

Besides **Dronacharyans**, the participants of other colleges across Haryana like Bharati Vidyapeeth Institute of Computer Applications and Management, New Delhi and M. M. University, Mullana, Ambala etc. experienced, exposed and exploded their technical understanding and proficiency in various technical events.

Cash prize of Rs. 11000/- was given to the best projects and cash prize of Rs. 5100/- was given for the best paper presentation & poster presentation respectively.

The first prize was given to the project entitled "**Emergency Brake Assist System Using Brake Pedal**". This project was fabricated by the students of Mechanical Department - **Harkesh Yadav, Nitin Yadav, Rakesh, Nikhil** under the guidance of **Prof. (Dr.) S. K. Bagga**, Head, Department of Mechanical Engineering. The first winner **Aashish Chhabra** received a cash prize of Rs. 5100/-. The brilliance of the participants in technical nuances was judged by **Dr. V. K. Varun**, Scientist "F" and Director (CPIO), DSIR, Ministry of Science and Technology, Govt. of India, New Delhi. He was very impressed with the enthusiasm & interest shown by the participants in **Drontech-2013**. The certificates and prizes were given away by Hon'ble Chief Guest in the presence of **Hon'ble Principal Prof. (Dr.) B. M. K. Prasad, Dean Academics**, all HODs and other dignitaries.



Chief Guest Shri Deepak Agarwal, Director General, Consultancy Development Centre giving his inaugural



Dignitaries at Drontech 2013 in Dronacharya College of Engineering, Gurgaon

Microsoft Innovation Summit :

Microsoft TechEd India - 2013 program was organized by **Microsoft at Hotel Ashok Lalit, Bangaluru** on **18th March 2013**. **Prof. (Dr.) Jitender Kumar HOD (IT&CSE), Dronacharya College of Engineering, Gurgaon** got the privilege to attend this International level symposium. The entire program was divided into two sessions. This summit was organized with the objective of sharing the best practices of various MICs across the globe and to make students more innovative, creative and self employable. More than 80 esteemed delegates from various academic institutes came to attend the summit from various states mainly Karnataka, Tamilnadu, Andhra Pradesh, Madhya Pradesh etc. The house felt the vibrant presence of **Mr. Cliff Reeves** (GM SBT, Microsoft International), **Mr. Joseph Landes** (GM DPE, Microsoft India), **Mr. Sharad Sharma** (Industrialist) and **Mr. Shekhar Kirani** (Leading Entrepreneur).



**Mr. Joseph Landes in talk
with Dr. Jitender Kumar**

National Level CSI Student Project Contest - 2013 :

Regional round of 2nd national level project contest was organized by CSI at **Dronacharya College of Engineering, Gurgaon** on **2nd March 2013**. It was organized by the CSI-Student Chapter of **Dronacharya College of Engineering, Gurgaon**. A number of students from various colleges having CSI-Student Chapter across the Northern Region of India demonstrated their projects. **Mr. Vivek Varshney**, Chairman, CSI, Gurgaon Chapter inaugurated the event. He stressed that project management is becoming more of an important skill required in today's academic and technical world. **Prof. (Dr.) M. N. Hoda**, Regional Students' Coordinator (Region-1) and **Shri R.K. Vyas**, Regional Vice- President (Region-1) from CSI graced the occasion as Guests of Honour. To evaluate technical specification of the projects demonstrated, a team of judges comprising **Prof. (Dr.) D. K. Lobiyal** from **JNU New Delhi**; **Prof. (Dr.) S. K. Muttoo** from **Delhi University, Delhi** and **Prof. (Dr.) Jitender Kumar** from **DCE, Gurgaon** was deputed. More than 20 projects were demonstrated by the students from different colleges across north India. The first prize was given to **Mr. Surya Mani Sharma** from **Dronacharya College of Engineering, Gurgaon** for his project "**Multifunctional Robotic System**". The second prize was given to project "**Wear Your World**" to **Ms. Monica Bansal** and **Mr. Deepak Kumar** from **Dronacharya College**.



**Mr. Surya Mani Sharma receiving the First Prize award
from the dignitaries**



**Judges judging various projects exhibited in
the competition**

Final round of 02nd National Level Project Contest was held at Udaipur on **16th March 2013**.



Mr. Surya Mani Sharma receiving the First Prize award from the dignitaries



The Dignitaries at Final Round Of 02nd National Level Project Contest

First 02 teams from the regional round participated at Udaipur on **16th March 2013** in the National Level contest where 02 teams from all the zones competed with each other. In this competition best projects across the country were exhibited and **Mr. Surya Mani Sharma (04th Year IT) of Dronacharya College of Engineering, Gurgaon** got the **second prize**.

National Innovations Project Competition - 2013, Mumbai (Innovations) :

Kapish Kumar Jain (Roll No 13647) a student of the department of Computer Science Engineering participated in a two-day National Innovation Project Competition from **8th to 9th March 2013** held at SIES College, Mumbai. The competition was jointly organized by Computer Society of India and SIES College, Mumbai. The main objective of this project competition was to promote innovative ventures undertaken by students in the field of engineering. It aimed to provide them with a platform to showcase their ideas to a larger part of the society including industry professionals.

Mr. Kapish Kumar Jain presented a project entitled "Laptop Security" prepared under the guidance of Mr. Vishal Bharti, Associate Professor, of CSE Department of **Dronacharya College of Engineering, Gurgaon**. His project aimed at protecting the laptops from theft by sending multimedia message to the owner's smart phone. This project uses the Face recognition Technology along with GPS. The competition was honored by Chief Guest, **Mr. Tapas Kumar Biswas** and **Mr. K. G. Chari** as Guest of Honor. Researchers from IIT Bombay, BARC and CEO of Multimedia Technologies, etc judged the competition. His project was well appreciated by the judges and all visiting dignitaries.



The Dignitaries at Project Competition Held at SIES College, Mumbai



Mr. Kapish Kumar Jain presented a project entitled "Laptop Security"

National Conference on Advance Computing Technologies (NCACT-2013) :

A National level research paper presentation was organized by Maharshi Dayanand University, Rohtak at its campus on **30th of March, 2013**. The event comprised treasure of experienced and renounced personalities in the field of research. The reputed judges in the conference were from various esteemed institutes.

The keynote address was delivered by **Prof. N. P. Singh, MDI, Gurgaon** followed by the inaugural address by **Prof. Manohar Lal**, Former Director, School of Computer Science, IGNOU, New Delhi. The presidential Address was accomplished by **Prof. (Dr.) Chand Singh Dhull, Director, P.G.I.M.S**, Rohtak with the cooperative management team of HOD Computer Science at MDU, Rohtak **Prof. Rajender Singh Chhillar** and organizing Secretary at MDU, **Prof. Naib Singh Gill**. The conference published 214 papers overall with their presentations as well in fields of Computer Science, Electronics and Bio-Technology. The authors were given the chance to present the paper within a specified time limit, followed by questioning round from judges. Total 07 papers were presented by the faculty members and students of **Dronacharya College of Engineering, Gurgaon**. Some of the papers were on "**EFFECTIVE SPRINT MANAGEMENT USING PRACTITEST**" Presented by **Manisha Saini (Assistant Professor), Pooja Taneja (Assistant Professor), Pinki Sethi (Assistant Professor)**, "**WONDERS A HAND CAN DO-SURFACE COMPUTING**" presented by **Gunjan Chhillar (Roll no. 14031), Manisha Yadav (Roll no.14047), Neha Munsi (Roll no. 14054), Chhavi Yadav (Roll no. 14024), "BLUE MARKETING" presented by Pinki Sethi (Assistant professor), Garima Bhasin (Roll no. 13040)** etc.

Network Hacking and Implementation Workshop at IIT Delhi :

Students from the departments of CSE & ECE: **Jorawar Singh (Roll no. 14039), Chavi K. Yadav (Roll no. 14024), Bibuti Bhushan (Roll no. 14020) Uday Shankar (Roll no. 14636)** attended a two - day workshop on "**Network Hacking and Implementation**" from **30th - 31st March 2013** at **IIT Delhi** organized in association with **Network Bulls-ASIA's** biggest training Labs. The participants learnt about all the basics of Networking, Creation of Networks, Configuration of CISCO routers and switches, Software like Wireshark, Putty and Packet Trace.



The participants of the workshop at IIT

Sports Participation at JNIT, Jaipur :

A national level Sports festival "Spandan" was organised at Jagannath Gupta Institute of Engineering Technology (JNIT), from **3rd to 7th March 2013**. **Ms. Shivani** (Roll No.13465) from the Department of Information Technology and **Mr. Vivek S. Adhana** (Roll No. 13363) took a part in this sports festival. In this national level tournament, 35 colleges participated in various event like Races, Cricket, Table Tennis volley Ball, Foot Ball etc. **Ms. Shivani** participated in Table - Tennis and got the First Position whereas the Captain **Mr. Vivek Adhana** reached the semi-final round of Men's Volleyball Category. The certificates and cash prizes were given away by Hon'ble Chairman of **JNIT, Jaipur on 8th March, 2013**.



Participants of SPANDAN-2013 with Hon'ble Chairman, Dr. Satish Yadav

Seminar on Campus to Corporate by Dr. Anil Sethi :

Dr. Anil Sethi delivered a talk in the seminar "Campus to Corporate" organized by the Department of Computer Science Engineering at Dronacharya College of Engineering, Gurgaon from **11th to 12th March 2013**. This seminar was organized with the purpose to satisfy today's demands for having an all round personality which is a pre requisite to be successful in the corporate world. The main attribute of this program was to convey the students about working in a group, managing a group, enhancing professional etiquettes etc. He also used some stills from movies like "Munna Bhai MBBS", "Lagaan" etc. The program was quite beneficial, very much interactive and brought new insights to the students related to corporate world.



Participants of SPANDAN-2013 with Hon'ble Chairman, Dr. Satish Yadav

IIT - BHU (7th - 10th March 2013) for Android Competition :

Winners of the first (zonal) round of Android Competition, held at **DCE, Gurgaon** on **20th February 2013**, along with **Prof. Swati Jha**, HOD, Electronics and Computer department, went to **IIT-BHU** to participate in the final **National level Android competition**. This competition was a part of **IIT-BHU's techno-cultural fest TECHNEX '13**. Technex, the annual techno management festival of IIT-BHU, Varanasi, aims to put to test not only the technical and managerial skills of students, but more importantly their ability to withstand a fierce examination of their spirits.

On the initial day i.e. on **March 7th**, there was an introductory session about the events in campus in general and Android in particular. Zonal winners from various parts of the country attended the same. The later day, on March 8, the session was taken up by the "Research Team" of "Blue Eminence", the company which was the training partner for Android, Robotics and Aero modelling workshops of IIT-BHU all over India. In that session, participants were taught Android application developments such as: Phonecall, Videoplayer, Music player, Listview, Spinner, Grid view.

On March 9th the day for the competition, students were all geared up to take the programming challenge!! Total fourteen students of our college were divided in four teams along with the teams from other colleges. An application oriented program was to be performed with time limitation. **Apoorv Sharma (14607, IV Sem ECS), Jitin (14611, IV Sem ECS) and Bhavesh (13155, VI Sem ECE)** of our college finished the task assigned to emerge as winners!! The winners were awarded with a cash prize of Rs.15,000/-. Two other teams comprising of **Anshul Patro (14605, IV Sem ECS), Shalini (14091, IV Sem CSE) and Gaurav Gautam (14175, IV Sem ECE)** and **Saurabh Rastogi (14089, IV Sem CSE), Saumya Rastogi (14088, IV Sem CSE), Amit Gupta (14010, IV Sem CSE) and Vipul Asri (14116, IV Sem CSE)**, received Third prize on shared basis.



The winning team of our students with Mr. Abhinav from Blue Eminence at IIT-BHU



Some members of the team along with Prof. Swati Jha that went to IIT-BHU

Industrial Visit TERI - The Energy and Resources Institute :

On **20th March 2013**, a group of 54 students from Department of Mechanical Engineering, Gurgaon visited **TERI- The Energy and Resources Institute, Gurgaon** along with two faculty members - **Mr. Vijay Wakhlu** and **Mr. Tanvir Singh**. The purpose of this visit was to understand the mechanism of various projects regarding renewable energy.



Faculty Members at TERI-GRAM

Innovation - Technical Fest of NSIT :

Students from **Dronacharya College of Engineering Gurgaon** participated in a Marketing Event organised during- Innovation the annual Technical-cum-Managerial fest of **Netaji Subhas Institute of Technology (NSIT), New Delhi**. **Komal Luthra (Roll no. 13425), Sandeep Yadav (Roll no.14484)** won the **2nd price** as a cash prize of worth Rs. 10,000. Third prize was bagged by **Kanika Arora (Roll no.14437)** and **Mohit Mehendiratta (Roll no. 13434)** as a cash of worth Rs 5,000.



Students from DCE, Gurgaon at Technical fest of NSIT

Workshop for Big Data Analytics (WBDA 2013) : Insights and Innvotions :

On **8th March, 2013** four faculty members **Mrs. Minakshi Memoria** (Associate Professor), **Mrs. Manisha Saini** (Assistant Professor), **Mrs. Pooja Taneja** (Assistant Professor) and **Mrs. Pinki Sethi** (Assistant Professor) from Computer Science Engineering Department, **Dronacharya College of Engineering, Gurgaon** attended a one-day Workshop on Big Data Analytics organized by the Department of Information Technology, Amity School of Engineering & Technology, Amity University, NOIDA (UP). The aim of workshop was to bring together people from both academia and industry to present their most recent work related to big data issues, and exchange ideas and thoughts in order to advance this big data challenge, which has been considered as one of the most exciting opportunities of present times. Inaugurating the workshop, **Ms. Nitasha Hasteera**, Head, Deptt of IT, Amity University said that use of big data underpins critical activities in all sectors of our society. She stressed that achieving the full transformative potential of big data in this increasingly digital world requires both new data analysis algorithms and a new class of systems to handle the dramatic data growth, the demand to integrate structured and unstructured data analytics. Other eminent speaker were **Dr. Manoj Kulshreshta, Dean, Amity University, NOIDA; Dr. T. V. Vijay Kumar from JNU, New Delhi; Ms. Deepa kaul from Sopra; Mr. Manoranjan Mohapatra from Mahindra Comviva; Mr. Yajuvender Singh from Data Services Impetus; Dr. Rajeev Gupta from IBM Research labs** enlightened the participants about the scope and significance of different aspects related to big data analytics. The workshop was useful and informative as it provided a forum to exchange research ideas related to all critical aspects of emerging analytics systems for big data, benchmarks and metrics, data management software, operating systems, and emerging challenges.



Introductory Session Given By Mr Manoranjan Mohapatra and Mr. Yajuvender Singh



"Enterprise Application of Big Data" by "Dr. Rajeev Gupta"

Microsoft TechEd 2013 – New Delhi :

A group of **64 students** from the **Departments of CSE & IT** of **Dronacharya College of Engineering, Gurgaon** attended workshop on "**Microsoft Tech Ed 2013**"- **New Delhi** organised by Microsoft on **22nd March 2013** at "**The Lalit**", Barakhamba Avenue, New Delhi. **TechEd** is **Microsoft's** premier technology conference for IT professionals and developers, offering the most comprehensive technical education across Microsoft's current suite of products, solutions, tools, and services. The keynote speakers were **Balaji Kesavaraj**, Director - Developer Audience Marketing, Microsoft India and **Scott Woodgate**, Sr. Director - Windows Azure Product Marketing, Microsoft Corporation. The Agendas was all about "A Complete overview of Windows Azure Platform for developers", New Developer Capabilities on the Windows Azure Cloud Services, Bleeding Edge ASP.NET: Enhancements to your favourite Web Framework, Building MVVM JavaScript Apps, Modelling agile software development practices using TFS 2012, Developing Windows Store apps, Enhancing apps with new Windows Phone 8 features.



Garima , a student of CSE department at Microsoft Technical fest in Delhi



Siddharth Uniyal from ECS Deptt. participated during Techdays organized by Microsoft

Role of Technology and Projects in Career Building :

A national seminar on 'Role of Technology and Projects in Career Building' was organised by **JLJ Group, Faridabad** for IT professionals/students to guide participants to select career options on **23rd March 2013** at **Faridabad**.

The seminar was attended by a **35 students of Dronacharya College of Engineering, Gurgaon**. JLJ Group spoke about how students can enhance their employability by pursuing various certification courses. They spoke about the difference between a career and a job. They encouraged the students to learn about new technologies. They encouraged the students to have certifications during their Engineering career which will enhance their professional skills and make them more confident. At the end, a Q&A session took place where students put forward their queries. At the end, certificates were given to the attendees. A selection of profession or occupation which is one's own interest, gives job, financial satisfaction as well as professional growth in the market.

The Seminar ended with a brief on various jobs availability for students of branches like IT, CSE and Electronics and Computer Engineering.

Workshop on "Ethical Hacking Expert" at NSIT :

From **18th to 19th March, 2013** sixteen students from **Dronacharya College of Engineering, Gurgaon** attended workshop on Ethical hacking at NSIT, New Delhi. Students also performed various tasks and most of them were successful doing that. At the end of seminar the students were also provided certificate. They were allowed to participate into the online competitions conducted by **Sunny Veghela - Director and Chief Technical Officer of Techdefence Consulting Private Limited**.



Audience at Ethical hacking event

Blood Donation Camp :

Dronacharya College of Engineering, Gurgaon organized a **Blood Donation Camp** on **11th March 2013** in coordination with Rotary Club Gurgaon. The camp was inaugurated by the Chief-guest **Hon'ble (Smt.) Kailash Yadav**. **"Blood transfusion saves lives, but millions of patients needing this do not have timely access to safe blood"**.



Chief-guest (Smt.) Kailash Yadav, General Secretary



Principal Prof. (Dr.) B.M.K. Prasad donating his blood

However, it is estimated that donation by 1% of the population is on average the minimum needed to meet a nation's most basic requirements for blood. Principal thanked the Rotary Club of Gurgaon; **Mr. B. D. Pahuja**, Secretary, Rotary Club of Gurgaon.

Workshop on "Mobile Application Development", IIT Roorkee :

A four National level Technical-fest "Cognizance-13" was organised by **IIT Roorkee** from **21st March to 24th March, 2013**. The whole fest includes 150 events in whole, out of which many were workshops, guest lectures, and competition. IIT organized different guest lectures by some famous personalities. **Chhavi Kyadav** (Roll no. 14024), **Bibhuti Bhusan** (Roll no. 14020) and **Jorawar Singh** (Roll no. 14039) of 2nd Year **Computer Science and Engineering Department** from **Dronacharya College of Engineering Gurgaon** participated in one of the event "MOBILE APP DEVELOPMENT" organized by one of the India based IT company "SPIRITE INFOSYSTEM". The whole workshop was based on developing the applications for the ANDROID MARKET. They taught how to develop applications using "ECLIPSE" software and with java programming. Two day workshop helps them to develop the basic application for an android phone. Students also attended Guest Lectures by **Mr. Jeff Liebermann (Host of TIME WARP on DISCOVERY Channel)**, **Mr. Amit Phadnis (Vice President CISCO)**, and **Mr. Hilmers (NASA Astronaut)**.



Bibhuti Bhusan attended Cognizance '13



Participants attended the workshop



A guest lecture by Mr. Amit (Vice President CISCO)Phadnis



Main campus Building of IIT Roorkee

Workshop on IUCEE Research Academy :

Chitra Kaul, Associate Professor in CSE department represented **Dronacharya College of Engineering, Gurgaon** at the prestigious **IUCEE Research Academy for Women candidates pursuing PhD in Computer Science**. The program was held for 3 days from **March 18th to 20th 2013** at CR Rao Advanced Institute of Mathematics, Statistics and Computer Science (AIMSCS), Hyderabad, AP. It was organized by Indo US Collaboration for Engineering Education (IUCEE) and CR Rao AIMSCS. The Program was sponsored by Department of Science and Technology (DST), Government of India. The objective of workshop was to provide mentoring for faculties in Indian colleges who are pursuing PhD, from Experts from US and India.



Mrs. Chitra Kaul with participants and experts



Mrs. Chitra kaul receiving the certificate from Dr. C.E Veni Madhavan

Faculty Research Achievement of CSE Department :

- ✦ **Neha Malik** (Assistant Professor in CSE Department) presented "**AJAX: Implementation through Application**" on **30th March 2013** in National Conference on Advanced Computing Technologies 2013, NCACT 2013, MDU Rohtak.
- ✦ **Neha Malik** (Assistant Professor in CSE Department) presented "**Hippocratic Database-Persisting Privacy in e-Banking**" on **Jan-June 2013** issue in International Journal of Advanced Research in Computer Engg & Technology Vol 2.
- ✦ **Minakshi Memoria** (Assistant Professor in CSE Department) published research paper titled "**AJAX: Implementation through Application**" on **30th March 2013** in National Conference on Advanced Computing Technologies 2013, NCACT 2013, and MDURohtak.
- ✦ **Minakshi Memoria** (Associate Professor in CSE Department) published research paper titled "**Hippocratic Database-Persisting Privacy in e Banking**" on **Jan-June 2013** issue in International Journal of Advanced Research in Computer Engineering & Technology Vol 2, Issue 3.
- ✦ **Minakshi Memoria** (Associate Professor in CSE Department) published research paper titled "**Achieving Fault Tolerance and Recovery in Computational Grid**" in **Jan-June 2013** in Dronacharya Research Journal.
- ✦ **Minakshi Memoria** (Associate Professor in CSE Department) published research paper titled "**On fault tolerance of Resources in Grid Environment**" on **Jan-June 2013** issue in International Journal of Advanced Research in Computer Engineering and Technology Vol 2, Issue 3.
- ✦ **Manisha Saini** (Assistant Professor in CSE Department) presented research paper titled "**Effective Sprint Management Using Prati Test**" on **30th March 2013** in National Conference on Advanced Computing Technologies 2013, NCACT 2013, MDU Rohtak.
- ✦ **Pooja Kamra** (Assistant Professor in CSE Department) presented research paper titled "**Effective Sprint Management Using Prati Test**" on **30th March 2013** in National Conference on Advanced Computing Technologies 2013, NCACT 2013, MDU Rohtak.
- ✦ **Vishal Bharti** (Associate Professor in CSE Department) published research paper titled "**Implementing Readers-Writers Problem Using Aspect Oriented Programming**" on Jan-June 2013 in Dronacharya Research
- ✦ **Neelam Ruhil** (Associate Professor in CSE Department) published research paper titled "**MIDORI Cloud Based Windows Killer**" on **Jan-June 2013** in **Dronacharya Research Journal**.
- ✦ **Shipra Kataria** (Assistant Professor in CSE Department) published research paper titled "**MIDORI Cloud Based Windows Killer**" on **Jan-June 2013** in **Dronacharya Research Journal**.
- ✦ **Hansraj Yadav** (Assistant Professor in CSE Department) published research paper titled "**Quantum Dots: Application and Overview**" on **Jan-June 2013** in **Dronacharya Research Journal**.
- ✦ **Chain Singh** (Assistant Professor in CSE Department) published research paper titled "**QuantumDots: Application and Overview**" on **Jan-June 2013** in **Dronacharya Research Journal**.
- ✦ **Pinki Sethi** (Assistant Professor in CSE Department) published research paper titled "**Marketing in the "Blue" world-Blue Jacking**" on **30th March 2013** in National Conference on Advanced Computing Technologies 2013, NCACT 2013, MDU Rohtak.
- ✦ All CSE Faculty attended workshop on **IBM SEED** from **5th-7th March 2013** in **DCE**.
- ✦ **Vishal Bharti** (Associate Professor in CSE Department) attended DST Lockheed Martin India Innovations Growth Program 2013 on **1st-2nd Feb 2013** in FICCI New Delhi.
- ✦ **Chitra Kaul** (Associate Professor in CSE Department) attended Leadership Program on **1st to 2nd Feb 2013** in School of Inspired Leadership.

Student Research Achievement of CSE Department in Current Semester :

- ✦ 16 students attended workshop on Ethical Hacking at NSIT, Dwarka from **18th-19th March 2013**.
- ✦ 10 students attended workshop on Hackathon by Peer Hack ignite team from **15th-17th March 2013** at Noida.
- ✦ 64 students attended workshop on Microsoft Tech Ed2013- New Delhi on **22nd March 2013**.
- ✦ 7 students attended workshop on Microsoft app fest India-2013 at DTU on **26th Feb. 2013**.
- ✦ 18 students attended workshop on Ideating-Inventing-Patenting at **DCE, Gurgaon from 12th-13th 2013**.

- ✦ 35 students attended workshop on Role of Technologies and Projects in Career Building at JLJ Corporate office, Faridabad on **23 March 2013**.
- ✦ 5 students attended workshop on Android at IIT-BHU on **19th-20th Feb 2013**.
- ✦ 2 students attended workshop on Network Hacking and implementation at IIT, Delhi.
- ✦ 3 students have attended workshop on Cognizance 2013 at IIT, Roorkee from **21st-24th March 2013**.
- ✦ 7 students published paper in National Conference at MDU, Rohtak on **30th March 2013**.
- ✦ Jorawar Singh (Roll no.14039) of 2nd year published paper in International Journal title "TIME TRAVEL AND COSMOS".
- ✦ Perna Mangla (Roll no 13082) of CSE-3rd year published 3 papers in conferences.
- ✦ 3 students participated in Tech-Fest at IIT, Delhi.

Placement :

Our College does not leave any stone unturned in assisting the students for their career and placement. We conduct PDPs, Mock Interviews, Aptitude test, Gds etc for better placement **Dronacharya College of Engineering** conducted **AMCAT test** that is India's Largest Employability test, conducted its Re-Assessment online test for Final Year B.Tech students on **21st March, 2013**. Companies that conducted campus in the month of **March 2013** are like **Rapid Soft Technologies, Akosha, ILMP Technologies, Silicon Netsols Pvt. Ltd, Qspear Consultancy Services Private Ltd, Absolut Data, Xchanging India, Cape Electric Corporation, Analytical Technologies limited**.

Students Selected for 2013 Batch :

S. No.	Name	Roll No.	Branch	Company	Designation	Salary
1.	Dhruv Tiwari	12039	CSE	Mtelsoft Solutions	GET	3.72 LPA
2.	Vinita Gulati	12126	CSE	Process Global India	GET	3 LPA
3.	Pooja Duhan	12081	CSE	Process Global India	GET	3 LPA
4.	Shilpi Gupta	12107	CSE	Process Global India	GET	3 LPA
5.	Ayesha Tafsir	12026	CSE	Absolut Data	Programmer	2 LPA
6.	Kapil Dulani	12056	CSE	Absolut Data	Programmer	2 LPA
7.	Monika Yadav	12067	CSE	Absolut Data	Programmer	2 LPA
8.	Niharika Sharma	12074	CSE	Absolut Data	Programmer	2 LPA
9.	Aanchal Vinayak	12001	CSE	Absolut Data	Programmer	2 LPA
10.	Jyotsna Talwani	12055	CSE	Cogniscent	SQL Developer	1.5 LPA
11.	Nidhi Nara	12073	CSE	Aon Hewitt	Trainee	2.2 LPA
12.	Uma Anand	12121	CSE	Aon Hewitt	Trainee	2.2 LPA
13.	Piyush Kapoor	12079	CSE	Aon Hewitt	Trainee	2.2 LPA

S. No.	Name	Roll No.	Branch	Company	Designation	Salary
14.	Monika Yadav	12067	CSE	Aon Hewitt	Trainee	2.2 LPA
15.	Dolly	12041	CSE	Aon Hewitt	Trainee	2.2 LPA
16.	Archit Khanna	12021	CSE	Basware Corporation	Trainee	2.2 LPA
17.	Rahul Khemani	12089	CSE	Basware Corporation	Trainee	1.8 LPA
18.	Nancy Arora	12069	CSE	Xchanging India	Application Engineer	3 LPA
19.	Swati Mehla	12118	CSE	Xchanging India	Application Engineer	3 LPA
20.	Sindhu Srivas	12110	CSE	Xchanging India	Application Engineer	3 LPA
21.	Richa	12096	CSE	Xchanging India	Application Engineer	3 LPA
22.	Jyoti	12053	CSE	Xchanging India	Application Engineer	3 LPA
23.	Barkha Mehta	12028	CSE	Xchanging India	Application Engineer	3 LPA
24.	Mohit Mamoria	12066	CSE	ShopClues	Trainee	4 LPA
25.	Anoop Singh	12019	CSE	ShopClues	Trainee	4 LPA
26.	Ankit Sharma	12016	CSE	Servosys Sol.	Trainee	2 LPA
27.	Shaan Sharma	12052	CSE	Servosys Sol.	Trainee	2 LPA
28.	Sahil Anand	12102	CSE	Servosys Sol.	Trainee	2 LPA
29.	Vani Trehan	12123	CSE	Group Concorde	Trainee	2 LPA
30.	Ayushi Gupta	12027	CSE	Group Concorde	Trainee	2 LPA
31.	Piyush Kapoor	12079	CSE	Rapid Soft Tech.	Trainee	1.8 LPA
32.	Enna Arora	12042	CSE	ILMP Tech.	Soft Engg.	2 LPA



Project Achievement :

Home Security System :

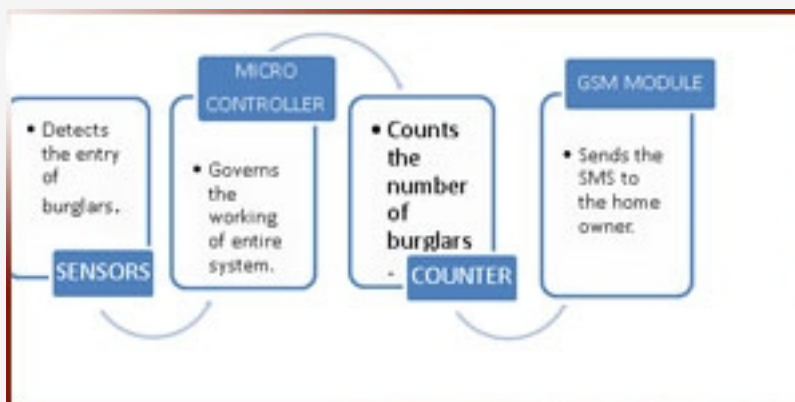
Guide : Neha Malik (Assistant Professor in CSE)

Main Objective -These days when the thefts are all time high, a comprehensive home security system is the need of the hour to ensure peace of mind of any home owner. Whenever you're away from your house, there are good chances that an intruder may enter your house by breaking through the window or even the main door, and take away all your hard earned money and valuables inside the house. Owner of the house just needs to carry a cellphone which is very much common now a days. Also, if he somehow loses his cellphone, there is no need of again purchasing the new security system; just he needs to register his new number again with the GSM module to get alerts. To avoid such a fate, I have designed a **home security and information system** to ensure security of the house round the clock, irrespective of whether you're at home or away.



Kapish Jain
(Roll No. 13647) CSE VI Sem

Functionality :



Student's Viewpoint :

The department of Computer Science of **DRONACHARYA** is enriched with competent and dedicated faculty members to help the students extracting their reasoning and technical skills on particular subject. I am very obliged to be part of computer science dept. as the faculty members not only help the students in studies but in their overall upliftment. Here I am prepared how to deal with competition and how to stay ahead in the competitive corporate; the credit goes to HOD and all the faculties who provide the department with various technical updates till date. I am really happy and overwhelmed to be part of my "**DRONACHARYA**"



Bibhuti Bushan
(Roll No. 14020) CSE IV Sem

I feel really privileged to be a part of CSE Department where all the faculty members give their best to bring the hidden talent of their students and guide them towards an exposure which is of great importance from carrier point of view. CSE department is working a lot to nurture the overall personality of students as special placement classes are also conducted in which the main focus is laid upon personality building, face to face interview and better communication skills. Also the placement classes are working on preparing students for aptitude test ,these are the areas where students generally faces a lot of problem also many of us are a part of international computer society which helps the students to attend international Conferences, Workshops, Competitions and many more oppurtunities.



Shalini Sharma
(Roll No. 14091) CSE IV Sem

"Education is the most powerful weapon which you can use to change the world." is the best proverb which defines the goal of CSE department I feel proud to be a part of this department in our esteemed college. I am grateful to all the highly qualified and experienced faculty members of this department who are working hard to motivate and groom the students to be successful. The best quality education is imparted to the students. I owe my sincere thanks to **DCE Gurgaon**, for nurturing me best in a way that I stand with full confidence to face the challenges.



Sakshi Kohil
(Roll No. 14086) CSE IV Sem

"Intelligence plus character-that is the goal of true education." is the motive of the CSE department of our college I thank the department for providing various opportunities to enhance our technical skills and make us think out if the box. Everyone provides a constant support, help and encouragement in nurturing our talent and shape up our future. It gives me immense pleasure to be a part of this department.



Sadhana Gopal
(Roll No. 14085) CSE IV Sem

"A DREAM DOESN'T BECOME REALITY THROUGH MAGIC; IT TAKES SWEAT, DETERMINATION AND HARDWORK."

It gives me immense pleasure to be associated with Department of Computer Science at our esteemed institution DCE, Gurgaon. The intitution is well known for its spectacular achievements in the field of academics and research fields as well. The curriculum here is specially designed to be result-oriented and is contributing progressively in the sustainable development of future engineers.Under the valuable guidance of ourteachers, we bloom to shine as the future set of professionals.



Gunjan Chhillar
(Roll No. 14031) CSE IV Sem

As a student of **Dronacharya College of Engineering, Gurgaon** I have been provided with abundant opportunities to rise in and realize my own capabilities. I am highly thankful to the department and hence the college for giving me the opportunity to become the campus ambassador for various organisations like E-Cell, IIT Bombay, IBM and others. By taking part in various events my social and technical skills have been greatly enhanced. On the whole I am grateful for all the opportunities that have been made available to me.



Prerna Mangla
(Roll No. 13082) CSE VI Sem