



RECRUITMENT GUIDE
2011-12

<http://cs.du.ac.in>



DEPARTMENT OF COMPUTER SCIENCE

UNIVERSITY OF DELHI

Delhi - 110007

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From the Vice-Chancellor's Desk



Prof. Dinesh Singh
Vice - Chancellor
University of Delhi

The Department of Computer Science, University of Delhi, runs two post graduate courses namely Master of Computer Applications (M.C.A.) & M.Sc. Computer Science and prepares the students for a bright future. Emphasis is laid on the theoretical concepts as well as on practical experience and industry interaction.

I am pleased that the department of Computer Science has been successfully bringing out a placement brochure to facilitate campus recruitment of their students.

I am sure that many bright and enthusiastic students will continue to join these courses. My best wishes for this initiative at our university.

A handwritten signature in black ink, reading 'D.S.' with a stylized flourish. Below the signature, the name 'Dinesh Singh' is printed in a small, black, sans-serif font.

The Head of Department Speaks...



Dr. Neelima Gupta
Head of the Department

The Department of Computer Science, University of Delhi, was set up in the year 1981. Since then, the alumni of the department have been contributing towards the growth and development of innumerable organizations. We, at the department, aim at blending theory and knowledge into practice with perfection.

The Department launched the three year Master of Computer Applications (M.C.A.) course in the year 1982. Ever since, countless talented and successful DUMCA professionals have made their mark across the globe. In view of the increasing demand of trained software professionals, the Department started M.Sc. Computer Science in the year 2004.

The courses are updated from time to time to keep up with the ever evolving IT sector. Emphasis is laid not only on the theoretical concepts but also on practical experience and industry interaction.

The students excel in the area of software development and are well equipped to build the best quality software products, and have the potential to accept any challenges arising out of technical, social, economical or political development and emerge as winners.

Our students also gain valuable experience in leadership and team work through team projects, team presentations and club activities. The Department also inculcates a sense of discipline, dedication, commitment and above all social responsibility in all its students.

The Department is proud to nurture the future software developers, executives, and the entrepreneurs of the new world. With yet another batch of proficient M.C.A. and M.Sc. students moving ahead towards a bright future, I invite you to join hands with our department to provide an opportunity for our students to use their skills in contributing to the development of our nation in the field of IT.

The Placement Advisor Speaks...



Dr. Punam Bedi
Placement Advisor

The three years Master of Computer Applications (M.C.A.) and two years M.Sc. Computer Science programmes at the Department of Computer Science, University of Delhi is immensely popular in India. Both of these programmes focus on imparting relevant theoretical knowledge and practical skills in the global context. The courses aim to equip the students to meet practical challenges and situations, make them technically competent and aware, to develop strong theoretical foundations required for developing sound understanding, analysis and futuristic vision.

The M.Sc. students are required to do a Minor project in third semester and a Major project in the fourth semester. Project areas include Databases, Operating Systems, Algorithms, Parallel Computing, Semantic Web, Graphics, Artificial Intelligence, Computer Networks, Data mining, Bioinformatics and many more. The M.C.A. students, as part of their curriculum undertake a project in the industry in their final semester. Projects are undertaken in diverse areas such as Database Systems, Computer Networks and Communication, Software Engineering, E-Business and Graphics. During the project, they are expected to apply their knowledge and experience gained during the course to develop IT applications. The courses are updated from time to time to meet the demand and expectations of the software industry.

The success of our M.C.A students is well known in the industry. The Department is proud to have more than 900 alumni holding important positions in Information Technology industry and academic at national and international level in India. We feel proud in declaring 100% placements year after year for MCA as well as M.Sc.

I am delighted to invite you to visit our department and be a part of DUCS - Placements 2011-12.

About the Department



Department of Computer Science was established at the University of Delhi, in the year 1981, with the objective of imparting quality education in the field of Computer Science. With rapidly evolving technology and the continuous need for innovation, the department has been producing quality professionals, holding important positions in the Information Technology industry both in India and abroad.

The Department started Master of Computer Applications (M.C.A.) programme in the year 1982, which was among the first such programmes in India. It is a comprehensive program of study intended to give students a thorough foundation in the theory and methodology of the techniques in Computer Science. They obtain skills and experience in up-to-date approaches to analysis, design, implementation, validation and documentation of computer software and hardware.

The Department also started M.Sc. Computer Science course in the year 2004 with the aim to develop core competence in Computer Science and to prepare the students to take up challenges of research and development. The students have the ability to apply high level of theoretical expertise and innovation to complex problems and application of new technologies.

The Department also offers Doctor of Philosophy (PhD) programme aimed at producing quality researchers in several diverse branches of Computer Science.

Apart from these, the Department coordinates Post Graduate Diploma in Computer Applications (PGDCA), B.Sc. (H) Computer Science and other courses at constituent colleges of University of Delhi.

Faculty



(From left to right: Dr. S.K. Muttou, Dr. Naveen Kumar, Dr. Neelima Gupta, Dr. Punam Bedi, Dr. Vasudha Bhatnagar)

Department's Faculty

- ❖ Dr. Neelima Gupta
Head of Department, Associate Professor
M.Tech, PhD IIT Delhi
Research Interests: Algorithms, Networks, Data Mining & BioInformatics
Homepage: <http://people.du.ac.in/~ngupta/>
Email: ngupta@cs.du.ac.in
- ❖ Ms. Vidya Kulkarni
Associate Professor
MA (DU), MS McMaster University (Canada)
Research Interests: DBMS, OOP, Global Software Development, XML & Software Testing.
Homepage: <http://people.du.ac.in/~vkulkarni/>
Email: vkulkarni@cs.du.ac.in
- ❖ Mr. P.K. Hazra
Associate Professor
BE, ME Jadavpur University (Calcutta)
Research Interests: Wireless LAN, Mobile Communication Networks, Satellite Communication Networks & Quality of Service in Communication Networks
Email: pkhazra@cs.du.ac.in

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- ❖ Dr. S.K. Muttoo
Associate Professor
M.tech IIT Kharagpur, PhD University of Delhi
Research Interests: Information Security, Steganography, Digital Watermarking, Coding theory & Computer Graphics
Homepage: <http://people.du.ac.in/~skmuttoo/>
Email: skmuttoo@cs.du.ac.in

 - ❖ Dr. Naveen Kumar
Associate Professor
M.Sc, M.Tech, PhD IIT Delhi
Research Interests: Computational Intelligence, Data Mining & Information Security.
Homepage: <http://people.du.ac.in/~nk/>
Email: nk@cs.du.ac.in

 - ❖ Dr. Punam Bedi
Associate Professor
M.Tech IIT Delhi, PhD University of Delhi
Research Interests: Artificial Intelligence, Machine Intelligence, Semantic Web, Multi-agent Systems, Software Engineering, Trust, Steganography & Steganalysis.
Homepage: <http://people.du.ac.in/~pbedi/>
Email: pbedi@cs.du.ac.in

 - ❖ Dr. Vasudha Bhatnagar
Associate Professor
M.C.A. (DU), PhD JamiaMiliaIslamia
Research Interests: Intelligent Data Analysis, Modeling of KDD Process and Data Mining Algorithms
Homepage: <http://people.du.ac.in/~vbhatnagar/>
Email: vbhatnagar@cs.du.ac.in

Guest Faculty

- ❖ Ms. Aditi Gupta
Software Engineer,
Aricent Technologies
- ❖ Ms. Deepali Bajaj
Assistant Professor,
Shaheed Rajguru College,
University of Delhi
- ❖ Dr. V.P. Sharma
Former Professor,
DDU College,
University of Delhi
- ❖ Dr. Baljeet Kaur
Assistant Professor,
Hansraj College,
University of Delhi
- ❖ Dr. Ajay Kumar Arora
Associate Professor,
KeshavMahavidyalaya,
University of Delhi
- ❖ Dr. Anita Goel
Associate Professor,
Dyal Singh College,
University of Delhi
- ❖ Dr. N.K. Oberoi
Associate Professor, Sri
Ram College of Commerce,
University of Delhi
- ❖ Prof. N.K. Chadha
Professor,
Department of Psychology,
University of Delhi
- ❖ Ms. Amita Mishra
Assistant Professor,
BCAS, University of Delhi
- ❖ Mrs. Shikha Gupta
Assistant Professor,
SSCBS,
University of Delhi
- ❖ Dr. Yogish Sabharwal
Research Scientist,
IBM India Research Lab
- ❖ Dr. Harmeet Kaur
Associate Professor,
Hansraj College,
University of Delhi
- ❖ Dr. Sudhir Kapoor
Associate Professor,
Hindu College,
University of Delhi
- ❖ Dr. Priti Sehgal
Associate Professor,
KeshavMahavidyalaya,
University of Delhi
- ❖ Ms. Maulien Pathak
Assistant Professor,
KeshavMahavidyalaya,
University of Delhi
- ❖ Dr. S.K. Pal,
Senior Scientist,
Scientific Analysis Group,
DRDO, Delhi
- ❖ Ms. Sarabjeet Kaur
Assistant Professor,
Indraprastha College,
University of Delhi
- ❖ Mr Avneesh Mittal
Assistant Professor,
BCAS, University of Delhi
- ❖ Mr Manoj Khanna
Associate Professor,
BCAS, University of Delhi
- ❖ Mr. Gaurav Saxena
Assistant Professor,
Hansraj College,
University of Delhi

Academic Programmes

The M.C.A. course

M.C.A is a full time 6-semester course, which includes one semester of professional training in the industry.

The objective of the Master of Computer Applications (M.C.A.) program is to impart core education in various disciplines of Computer Science and its applications, so that students are well prepared to face the challenges of the highly competitive IT industry. The course structure ensures overall development of the student, while concentrating on imparting technical skills required for an IT professional. No wonder, even today after twenty seven years of its existence, its alumni are holding important positions in the IT industry and academics in India and abroad.

The Admission Procedure

The intake in this course are Bachelor's Degree graduates under 10+2+3 stream of examination of University of Delhi or an equivalent examination with at least one paper in Mathematics and another in Computer science/ Mathematics/ Operational Research/ Statistics with minimum 60% marks in aggregate. The current batch of M.C.A. has students graduating from B.Sc. (H) Computer Science, B.C.A., B.Sc. (H) Mathematics, B.Sc. (H) Physics, B.Sc. (H) Electronics, B.Sc. (Gen) PCM and Msc. Mathematics



- ❖ The admission to the programme was based on the All India performance of candidates in the highly competitive and rigorous written examination JAM (Joint Admission Test for M.Sc.) conducted by IIT system.
- ❖ Candidates qualifying JAM are called for counseling for final selection. The whole selection procedure aims to test student's aptitude, mathematical, analytical skills and Computer Fundamentals.

Course Structure of M.C.A.

❖ Semester I

- Object Oriented Programming
- System Programming
- Statistical Techniques
- Computer System Architecture and Lab
- Technical Communication (Qualifying Paper)

One elective out of the following

- Organizational Behavior
- Economics
- Outside Department Elective (Mathematics, Statistics and Operational Research)

❖ Semester II

- Data Structures and File Processing
- Discrete Mathematics
- Computer Graphics
- Data Communication and Computer Networks

One elective out of the following

- Fundamentals of Accounting and Finance
- Outside Department Elective (Mathematics, Statistics and Operational Research)

❖ Semester III

- Design and Analysis of Algorithms
- Software Engineering
- Database Systems
- Automata Theory
- Operating Systems

❖ Semester IV

- Compiler Design
- Information Security
- Network Programming
- Elective I within department
- Elective II within department

List of Electives for Semester IV:

- Data Base Applications
- Advanced Operating Systems
- Electronic Commerce
- Numerical Computing
- Computational Linguistics

❖ Semester V

- Five Subjects to be chosen from a List of Electives.

List of Electives for Semester V:

- Artificial Intelligence
- Combinatorial Optimization
- Computational Intelligence
- Cryptography
- Data Mining
- Database Systems and Implementation
- Digital Image Processing & Multimedia
- Embedded Systems
- Human Resource Management
- Modeling & Simulation
- Machine Learning
- Neural Networks
- Programming Paradigms
- Satellite and Mobile Communication Networks
- Software Quality Assurance & Testing
- Visual Programming
- XML and Databases

❖ Semester VI

- Full-time 6-month industrial training (Placement via campus interviews).

M.Sc. Computer Science course

The M.Sc. Computer Science program, introduced in 2004, is a four-semester course which aims at imparting core education in various disciplines of Computer Science, so that the students are prepared to face the challenges of the highly competitive IT industry as well as carry out research and development. The objective of the program is to imbibe sound knowledge of theory and hands on practical skills in various areas of Computer Science. Taking into account the Computer Science curriculum that the students have undertaken at the graduate level, it aims at imparting advanced courses in Computer Science.

The course structure also includes a minor project in the third semester followed by a major project in the final semester which allows the students to specialize in the areas of their interest.

The Admission Procedure

The students in this course are Bachelor's Degree graduates with 10+2+3 stream in B.Sc. (H) Computer Science of University of Delhi/any other examination-recognized University or B.tech. or B.Sc. Applied Physical Science/ B.sc.(Gen) Math. Sc. with Mathematics and Computer science from University of Delhi or any Bachelor's Degree with at least 6 Computer science papers and at least 2 Mathematics papers with minimum 60% aggregate marks in their graduation.

- ❖ 50% seats are reserved for the meritorious students of B.Sc. (H) Computer Science course of University of Delhi.
- ❖ Remaining 50% of the seats are filled on the basis of National Level written examination conducted in two stages:
 - The first stage is an objective examination involving Computer Science, Mathematics and Analytical skills.
 - The second stage is a subjective examination comprising questions on Computer Science and Mathematics.

Course Structure of M.Sc. Computer Science

❖ Semester I

- Design and Analysis of Algorithms
- Artificial Intelligence
- Information Security
- Database Systems and Implementations
- Computational Intelligence

❖ Semester II

- Compiler Design
- Advanced Operating Systems
- Data Mining
- Advanced Computer Networks
- Electronic Commerce/ Numerical Computing/
Combinatorial Optimization

❖ Semester III

- Minor project
- Three subjects to be chosen from a List of Electives

List of Electives offered:

- Cryptography
- Digital Image Processing and Multimedia
- Distributed Computing
- Machine Learning
- Neural Networks
- Embedded systems
- Modeling and Simulation
- Software Quality Assurance and Testing
- Special topics in Artificial Intelligence
- Special topics in Computer Networks
- Special topics in Database Systems
- Special topics in Data Mining
- Special topics in Information Security
- Special topics in Theoretical Computer Science
- Special topics in Computational Intelligence
- Special topics in Soft Computing

❖ Semester IV

- Major Project

A Few Classroom Projects

M.C.A.

Apart from the conventional methodologies of classroom teaching, students are expected to take up case studies, presentations and small projects. This prepares them for the industrial exposure and in addition to technical knowledge acquired qualities like teamwork and communication skills gets instilled in them.

Following are few of the projects/assignments taken up by the students:

- ❖ Implementation of Unix Shell
- ❖ Implementation of Chat Server.
- ❖ Simulation of machine language code and implementation of assembler.
- ❖ Simulation of the basic File System on Linux.
- ❖ Simulation of Sliding Window Protocols
 - Go-Back N Protocol
 - Selective Repeat Protocol.
- ❖ Simulation of a two-pass assembler.

- ❖ Projects designed, documented and coded using SDLC
 - Share Tracker System.
 - Computerized Health Care System.
 - Websites on tourism, online FIR, online book store, online examination, social networking, online shipping management system, digital library system.

- ❖ Research and implementation of various Cryptographic Algorithms
 - Design and implementation of new approach for searching in encrypted data using Bloom Filter.
 - Analysis and implementation of security algorithms in Cloud Computing.
 - Malware and Keylogger Design.
 - Software and hardware implementation of Smart Home System.
 - Misuse, detection and prevention of Advance Spamming techniques.
 - Design and security analysis of chaotic encryption.
 - Analysis of risks, techniques, and corporate usage of Web 2.0 technologies.
 - Implementation of homomorphic encryption algorithms.
 - Regional language encryption and translation.
 - Implementation of elliptic curve cryptography.
 - Design and implementation of secure, efficient and self synchronizing stream ciphers.

As part of the curriculum itself, students are supposed to give presentations, group projects and programming assignments that not only help in honing the programming skills of the students but also inculcate good communication skills and develop a sense of teamwork.

Following are few of the projects/assignments taken up by the students:

- ❖ Implementation of Robot task assignment given resources using MATLAB.
- ❖ Jade programming for agent communication.
- ❖ Implementation of DES encryption and decryption algorithm.
- ❖ Application of Genetic Algorithm in 8-queens problem.
- ❖ Implementation of K-means algorithm and DBSCAN algorithm using C++.
- ❖ Generating all strong association rules from a set of given frequent item sets of transactions.
- ❖ Implementation of Mini-DBMS.
- ❖ Data preprocessing and KDD (Knowledge Discovery and Data mining) using WEKA and C4.5.
- ❖ Implementation of different clustering techniques on output of fuzzy C-means algorithm as initial input using MATLAB.
- ❖ Simulation of Lexical Analyzer and Parser using C.

Infrastructure

Libraries

*Here is where people,
One frequently finds,
Lower their voices
And raise their minds.
~Richard Armour, "Library"*

The Libraries are partners with DUCS in learning, teaching, and research. We are committed to fostering intellectual discovery, critical thinking and life-long learning. Accordingly, the libraries tie our academic community to varied cultural and scholarly traditions by offering student-centered services. The students of the Department are affiliated to two libraries.

Departmental Library

The Department has a well-stocked reference library with over four thousand titles, not only in the field of Computer Science and IT but also in other related areas such as Electronics and Mathematics.

Central Science Library

The Central Science Library (CSL) is one of the largest science libraries in India. It was established in 1981, and at present, it has a collection of over 2,20,000 volumes of books and periodicals. The website of CSL provides electronic subscription for approximately 27,088 e-journals of national and international repute including IEEE, ACM, Springer journals and proceedings.





Laboratory Facilities

"In theory, there's no difference between theory and practice but in practice, there is."

Resources

Microsoft Academic Alliance Program

Development Tools

Dev C++, JDK 1.6.0, Oracle10g

Microsoft Office 2010, Altova XML Suite 2008

Tomcat, NetBeans 6.9, Glassfish, MATLAB 2008b/
2009b / 2010b.

Operating Systems

Windows XP / Vista / 7

Red Hat Enterprise Edition, Ubuntu

Security Tools

Symantec Antivirus Corp. Bd. 10.2

Hardware

8 Dell, 2 IBM Laptops.

45 Pentium IVs with 512 MB RAM, 80 GB Hard disk,

TFT Monitors; 34 Acer Core 2 Quad with 2 GB RAM;

3 HP Core 2 Quad with 4GB RAM, 320 GB Hard disk.

2 HP servers (Windows Server 2003 and Linux server)

6 LCD Projectors out of which 4 are roof fitted and 2
with cameras.

HP Color Laser Jet 2500, 12 HP LaserJet 3030.

4 Laser Printers connected via LAN.

Digital Microprocessor Laboratory Kits.



Internet Connection

All the labs, offices and faculty rooms of the Department are connected to the internet through the university intranet.

Internet connectivity is provided using 4 switches through the university intranet. 24 port switch is used in LAN, providing internet to all systems in the laboratory, classrooms, seminar room and committee room.

The centre owns a multitude of software so as to allow students to gain practical experience. The following is a list of some of these tools:

Operating Systems

Solaris 9, AIX, OS/2 Warp 3.0, Red Hat Linux 9.0, Mac, Windows.

Database Management Systems

Oracle 10g, MySQL.

Programming Platforms

Borland C++, Visual Studio, COBOL, Turbo Pascal, Small Talk, XL Fortran, 77/90, LISP, PROLOG, MS-MASM 5.0, GPSS-PC

Mathematical and Statistical Packages

MATLAB, SPSS 11.0, SAS, Mathematica

Graphical Packages

KEE, PEX

Application Packages

MS Office, Lotus Smart Suite, Adobe Creative Suite 5, Word Perfect, Corel, Power Builder, COSMO, RISC Animation.

Hardware

SUNFire V20Z-AMD, SUNfire V65x-Intel, SUNfire V440- Sparc, Compaq, IBM RS/6000 43 P Technical Workstations, 60 Nodes (Acer Desktops) Peripheral support includes HP Laser and Inkjet printers.

75 Mbps/1 Gbps2 leased lines.

CISCO Router, Firewall, Core Switch, Distribution, Nortel, HCL, 3com, Cisco, Dlink.

5 IBM RS/6000 machines having RISC architecture using CMOS

VLSI, Double precision.

All campus colleges and departments are networked through fiber optics to the University Intranet. South Campus colleges and all off-campus colleges are linked to North Campus through Fiber link (MPLS).

Services provided by centre to all university staff and students:

E-mail services

Internet Access

Antivirus and spam protection

Hosting infrastructure & content management for the university website www.du.ac.in

Beyond the text books

Delhi University Computer Science Society

At the Department of Computer Science, education stretches beyond classroom sessions. The emphasis is on creating an environment for students to explore experiment, discover and realize their potential. In order to achieve this, a number of activities are organized for the students to help them build the traits of teamwork, trustworthiness and synchronization.



Delhi University Computer Science Society (DUCSS) was established in 2005 with the purpose of conducting events such as seminars, conferences, competitions and technical festivals, as well as other cultural and academic events. These events are conducted to enrich student life at the department. The Society also provides a common meeting ground for students pursuing different courses within the department. As its first endeavor, DUCSS organized SANKALAN 2005, a two-day technical festival which was a huge success, and since then it has been a part of the annual tradition. SANKALAN is a congregation of IT students from all over the country, who compete in various technical and non technical events. It aims at honing technical and management skills of the students at the department. In continuation of effort to strive for excellence in every field, this year DUCSS successfully organized SANKALAN 2011 with many teams participating from various colleges all over India. The Society also conducted INTRA-SANKALAN, where the students of the Department competed among themselves in many technical and non-technical events.

Alumni Working Club

One of the biggest assets of an institute is its alumni. The Club conducts alumni-meet every year which gives boost to all round development of the students to understand benefits of this field in the industry. Interactive events and the social views exchanged promote personality development which helps students prove themselves in their future career.

Workshops



Workshops are organized in the Department to sensitize everyone on the impact our activities have in polluting the environment. Various sessions are held on topics such as Global Warming, e-Waste Management and presentations by students on IT solutions for climate change. Also, participants are given tips to reduce their carbon footprint, and ways to minimize emissions.

Other Initiatives by the Department

- ❖ A special event “e-waste CONVERTOZZ” in collaboration with I-dream was organized in SANKALAN 2011 in which students submitted their models based on e-Waste.
- ❖ An initiative to recycle e-Waste was also taken by the department.
- ❖ An e-Magazine “SRIJAN” was introduced by the department. It gave the students a chance to express their technical as well as non-technical innovative views.



Students with e-waste models at SANKALAN 2011

Technical Discussions

The discussions about current technology and day to day activities in IT are regular affair in the department. The following discussions were held in our department:

- ❖ Rich Internet applications (RIAs) by Ms. Kalpana Prakash, Accenture.
- ❖ Approximation Algorithms for Data Placement on Parallel Disks by Prof. Samir Khullar, University of Maryland, USA.
- ❖ Jacket Matrices Principle and Applications to Computer Science by Prof. Moon Ho Lee, Head Institute of Information and Communication, Chonbuk National University, Korea.
- ❖ The Future is Smart Phone by Mr. Vikas Sahni, Softedge Systems, Ireland.
- ❖ Incentive based approach to identify selfish nodes in Mobile P2P Networks by Dr. Sanjay Madria.



ACHIEVEMENTS

Research Papers

Research paper titled "Optimal Countermeasures Identification Method: A New Approach in Secure Software Engineering" published in European Journal of Scientific Research (EJSR 2011).

Technical Fests

❖ Winners of the team trophy at Jawaharlal Nehru University's Annual Technical fest "TECHNOPHILLIA 2011".

❖ Winners of team trophy as well as the runner's up trophy at Jamia Hamdard University's Technical fest "NERDZ 2011".

Certifications

❖ Some students of the department have obtained 'Oracle Certified Professional Java Programmer' Certification.

❖ Some students of the department have performed training on N+ offered by ComTIA, MCSA-2003 offered by Microsoft, CCNA offered by CISCO and RHCE offered by Red Hat.

LIFE AT DUCS

At Delhi University Computer Science Department (DUCS) we learn to do, not only HARDWORK but SMARTWORK, which is the mantra for success in today's world.

Students at DUCS have come from the most prestigious colleges and universities from all over India, having diverse backgrounds, through a rigorous selection procedure. Each one of us brings variety of thoughts and new approaches to the way problems can be dealt with, which in turn prepares us to work in a diverse life culture at the companies.



Studies, periodic tests, rigorous assignments and high standard projects polish the brains of the selected few into Diamonds. Winning competitions organized by other reputed institutions and displaying our talent beyond the academic curriculum has become our tradition. DUCSiites undertake competitive projects like Microsoft's IMAGINE CUP, SUN's REVIEW CONTEST and IBM's THE GREAT MIND CHALLENGE where young minds get a chance to explore the unimagined world of IT. Also DUCSiites have reached the pinnacle by working at an international level and ensuring success of their projects in other countries as well.

Apart from all this, the pride of our department is SANKALAN- an event that is looked forward to by all the leading institutes across the country every year. This is the annual Computer Science Department fest, which is organized by students at a very large scale in association with several brand names. This is the time when everyone works together as a team and is dedicated towards just one thing – to bring pride and honor to the Department. "Division of labor" is being followed here at every step. This keeps the students mentally prepared to perform well in the companies & prepares them to take responsibilities & live up to the expectations. Teamwork and group dynamics get instilled in them helping tremendously at their work place.

Regular Seminars are conducted in the department by people renowned both at national and international level, so as to keep the students updated with the latest trends in the IT sector. This in turn makes DUCSiites more confident to enter any reputed company.

Apart from regular activities, various get-togethers, outings and tours are organized by DUCSiites. This makes them socially active and it also acts as a stress buster for them. Moreover, a different culture is being followed at DUCS on weekends. When all other colleges are closed in search of a break after their hectic week, we DUCSiites get involved in innovative and creative activities. A chunk of people from recent alumni of our department visit the campus and share their experiences with the current batch. They help us in understanding the current scenario of the industry and guide us towards a better future. Various games are played, small skits are arranged and a sense of togetherness is celebrated every weekend. This is the best thing for DUCSiites where they can relate with the PAST, PRESENT & FUTURE; with experience, reality and dreams.

So undoubtedly, the tradition and culture of DUCS makes its students identifiable among thousands of IT aspirants. Fulfilling all requirements, we offer the companies, some of the most amazing brains with well-rounded and matured personalities for the most dynamic industry of today's world.



Some students with alumni of the Department enjoying after classes

Our Past Recruiters

This further goes on to show the confidence the industry has in us and the relationship we share with them. Companies where our alumni are placed reads like a who's who of the IT industry. Some of the companies and institutions where our alumni are placed are listed below:

- ❖ ADOBE
- ❖ AGNITY
- ❖ ARI
- ❖ ARICENT
- ❖ AT&T
- ❖ CADENCE DESIGN SYSTEMS
- ❖ CAPGEMINI
- ❖ CONEXANT INDIA
- ❖ CSC
- ❖ DELOITTE
- ❖ DRISHTI SOFT
- ❖ FISERV
- ❖ GLOBAL LOGIC
- ❖ GRAPECITY
- ❖ HCL TECHNOLOGIES
- ❖ IBM SOFTWARE LABS
- ❖ INFOGAIN
- ❖ INFORMATION MOSAIC
- ❖ KRITIKAL SECURE SCAN
- ❖ MAKE MY TRIP
- ❖ McAfee
- ❖ MICROSOFT
- ❖ NAGARRO
- ❖ NUCLEUS SOFTWARE
- ❖ NEWGEN
- ❖ ONE 97 COMMUNICATIONS.
- ❖ ORACLE
- ❖ PEROTSYSTEMS TSI
- ❖ SAMSUNG
- ❖ SAPIENT
- ❖ ST MICROELECTRONICS
- ❖ SUN MICROSYSTEMS
- ❖ SYMANTEC
- ❖ TATA CONSULTANCY SERVICES (TCS)
- ❖ TECH MAHINDRA
- ❖ TECHSPAN SYSTEMS
- ❖ THOROGOOD
- ❖ TRILOGY E-BUSINESS SOFTWARE PVT. LTD.
- ❖ WIPRO INFOTECH

The Current Batch



M.C.A. 2009-2012

(Total Strength: 43)



M.Sc. Computer Science 2010-2012

(Total Strength: 42)

DUCS Alumni: Where They Go From Here...

Few, and yet so widely known. Young, yet so successful. Today, the alumni of Department of Computer Science have distinguished themselves in the industry through sheer talent, commitment and hard work. To a layperson, these may sound as hollow words, but a DUCS pass-out knows the true essence of these.

We are proud of our talented and successful DUCS alumni who have made a mark in India and abroad and we wish to follow their footprints. A few amongst them are:

Dr. VASUDHA BHATNAGAR Associate Professor Delhi University, India 1985 MCA batch	GULSHAN KUMAR Director, Alcatel-Lucent, India 1988 MCA batch
KIRAN SETHI Vice President Deutsche Bank, USA 1985 MCA batch	VANDANA AGGARWAL Senior Business Analyst SGI, USA 1988 MCA batch
MEENAKSHI KHANNA Senior Program Manager Cadence, India 1985 MCA batch	RANJAN DHAR Director, Silicon Graphics, India 1989 MCA batch
PRADEEP MATHUR Vice President Capgemini, UK 1987 MCA batch	ABHRAJIT GHOSH Director, Telcordia Technologies, USA 1993 MCA batch
RAJIV MITTAL Vice President, Corporate Strategy and Finance JK Technosoft Ltd., India 1987 MCA batch	SANJAY GUPTA CEO, Mobisolv, India 1996 MCA batch
S KUMARAN Director, Simplogic Technologies, India 1998 MCA batch	MANISH MADAN Vice President, Perot Systems, TSI, India 2001 MCA batch
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