RECRUITMENT GUIDE
2009-10

http://cs.du.ac.in

DEPARTMENT OF COMPUTER SCIENCE

UNIVERSITY OF DELHI

Delhi - 110007

CONTENTS

From the Vice-Chancellor's Desk

Prof. Deepak Pental
Vice - Chancellor
University of Delhi

Delhi University's Department of Computer Science runs two post graduate courses namely Master of Computer Applications (M.C.A.) & M.Sc. Computer Science which targets at fulfilling the ever increasing demand of trained professionals in the industry. The department has a faculty with rich academic and industrial experience. The students in these courses are receiving rigorous training to face the challenges of today's competitive world.

M.C.A. program has been fulfilling this demand of industry for more than two decades. M.Sc. Computer Science is a new and promising programme. I am sure our students of M.Sc. Computer Science will also live up to the expectations of the industry.

I understand that the Department of Computer Science has been successfully bringing out a placement brochure to facilitate campus recruitment of their students. This activity helps our students and also the employers who are in search of talented young people. I am pleased to convey my best wishes to the Department of Computer Science in this endeavor.

Prof. Deepak Pental

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 year Master of Computer Applications (M.C.A.) and two year M.Sc. Computer Science programmes at the Department of Computer Science, University of Delhi are 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 600 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 2010.

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. Muttoo, Dr. Naveen Kumar,
Dr. Neelima Gupta, Dr. Punam Bedi, Dr. Vasudha Bhatnagar)

Department's Faculty

- Dr. Neelima Gupta
  Head of Department, Reader
  M.Tech, PhD IIT Delhi
  Research Interests: Algorithms, Networks, Data Mining & Bio-Informatics
  Homepage: http://people.du.ac.in/~ngupta/
  Email: ngupta@cs.du.ac.in

- Ms. Vidya Kulkarni
  Reader,
  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
  Reader
  BE, ME Jadavpur University (Calcutta)
  Research Interests: Wireless LAN, Mobile Communication Networks, Satellite Communication Networks & Quality of Service in Communication Networks
  Homepage: http://www.du.ac.in/compscifaculty/pkhazra.htm
  Email: pkhazra@cs.du.ac.in

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

- Dr. Naveen Kumar
  Reader
  M.Sc, M.Tech, PhD IIT Delhi
  Research Interests: Computational Intelligence
  Homepage: http://people.du.ac.in/~nk/
  Email: nk@cs.du.ac.in

- Dr. Punam Bedi
  Reader
  M.Tech IIT Delhi, PhD University of Delhi
  Research Interests: Artificial Intelligence, Web Intelligence, Computational Intelligence, Semantic Web & Software Engineering.
  Homepage: http://people.du.ac.in/~pbedi/
  Email: pbedi@cs.du.ac.in

- Dr. Vasudha Bhatnagar
  Reader
  M.C.A. (DU), PhD Jamia Milia Islamia
  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

- Mr. Ajay Jaiswal
  Lecturer,
  S. S. College of Business Studies
  University of Delhi
- Dr. Harmeet Kaur
  Reader, Hansraj College
  University of Delhi
- Mr. P.D. Sharma
  Lecturer,
  S.G.T.B Khalsa College
  University of Delhi
- Ms. Vandana Gandotra
  Ram Lal Anand College
  University of Delhi
- Dr. Ajay Arora
  Reader & Acting Principal,
  Keshav Mahavidyalaya
  University of Delhi
- Dr. Archna Singhal
  Reader,
  Indraprastha College,
  University Of Delhi
- Dr. N.K. Oberoi
  Lecturer,Sri Ram College of Commerce,
  University of Delhi
- Prof. N.K. Chadha
  Department of Psychology,
  University Of Delhi
- Dr. Manoj Khanna
  Reader,
  Bhaskaracharya College of Applied Sciences
  University of Delhi
- Mr. Manoj Aggarwal
  Lecturer, Hansraj College,
  University of Delhi
- Dr. R.P. Rana
  Lecturer,
  Deen Dayal Upadhyaya College
  University of Delhi
- Dr. Sudhir Kapoor
  Lecturer, Hindu College,
  University of Delhi
- Ms. Veenu Bhasin
  Lecturer,
  Kalindi College,
  University of Delhi
- Dr. Hema Banati
  Reader, Dayal Singh College,
  University of Delhi
- Dr. Priti Sehgal,
  Reader,
  Keshav Mahavidyalaya,
  University of Delhi
- Mr. Neeraj Sharma
  Lecturer,
  Ram Lal Anand College,
  University of Delhi
- Dr. S.K. Pal
  Scientific Analysis Group,
  DRDO,
  Delhi
- Ms. Geetanjali Kher
  Kirori Mal College,
  University of Delhi
- Mr Avneesh Mittal,
  Lecturer,
  Bhaskaracharya College of Applied Sciences
  University of Delhi
- Mr. Gaurav Saxena
  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 graduates in any stream with at least one paper in Mathematics and one paper in computer science with 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.A.Sc. (H) Electronics and B.Sc. (Gen) PCM.

- The first stage of the selection procedure involves a highly competitive National Level written examination. The examination aims at testing students for their mathematical and analytical skills. Of all the candidates, the top 75 progress to the second stage.

- The second stage involves a rigorous interview. The interviewing panel includes experts from various academic institutions and industry. The interview is conducted to gauge the aptitude and attitude of the interviewees. The candidate's knowledge in their respective graduate courses is also tested.

- Thirty students are selected on the basis of their final score where 80% of the final score corresponds to the written test score and 20% to the interview score.

Course Structure of M.C.A.

❖ Semester I

- Object Oriented Programming
- System Programming
- Statistical Techniques
- Computer System Architecture
- Technical Communication
- Organizational Behavior

❖ Semester II

- Data Structures and File Processing
- Discrete Mathematics
- Computer Graphics
- Data Communication and Computer Networks
- Fundamentals of Accounting and Finance
- Digital and Microprocessor Laboratory

❖ Semester III

- Design and Analysis of Algorithms
- Information Security
- Database Systems
- Automata Theory
- Operating Systems

❖ Semester IV

- Compiler Design
- Software Engineering
- Programming Paradigms
- Network Programming
- Operating Systems Case Studies (UNIX)

❖ Semester V

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

❖ Semester VI

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

❖ List of Electives:

- Artificial Intelligence
- Combinatorial Optimization
- Computational Intelligence
- Computational Linguistics
- Cryptography
- Data Base Applications
- Data Mining
- Database Systems and Implementation
- Digital Image Processing & Multimedia
- Electronic Commerce
- Embedded Systems
- Human Resource Management
- Modeling & Simulation
- Machine Learning
- Neural Networks
- Numerical Computing
- Operating Systems Case Studies
- Operating System Design and Practice
- Satellite and Mobile Communication Networks
- Software Quality Assurance & Testing
- Visual Programming
- XML and Databases

The 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 course has an intake of 30 students in all. The students in this course are graduates in Computer Science with at least 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

- Algorithms
- Artificial Intelligence
- Computer Security
- Data Mining
- Computational Intelligence

❖ Semester II

- Compiler Design
- Operating Systems Design and Practice
- Database Systems and Implementations
- Advanced Computer Networks
- Modeling and Simulation

❖ Semester III

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

❖ Semester IV

- Major Project

❖ List of Electives offered:

- Combinatorial Optimization
- Cryptography
- Digital Image Processing and Multimedia
- Distributed Computing
- Machine Learning
- Neural Networks
- Numerical Computing
- Real-time Systems
- Software Quality Assurance and Testing
- Special topics in Artificial Intelligence
- Special topics in Computer Networks
- Special topics in Data Mining
- Special topics in Information Security
- Special topics in Theoretical Computer Science
- Special topics in Software Engineering
- Special topics in Soft Computing

WE THE DUCSiites!!!

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. So, the brain work required by the companies can possibly be done best by us.

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.

Six generations of the Department enjoying their weekend

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:

- To sort a file of more than 1 lakh records using Merge Sort on disk (external sorting).
- Implementation of MS-DOS File System.
- Simulation of Sliding Window Protocols
  - Go-Back N Protocol
  - Selective Repeat Protocol.
- Implementation of UNIX Shell.
- Implementation of Inter-process Communication Algorithms
  - Dining Philosopher problem
  - Reader Writer Problem
  - Sleeping Barber Problem
- Research and implementation of various Cryptographic Algorithms
  - Design and Analysis of Authentication Algorithms.
  - A Public Key Block Cipher Based on Multivariate Quadratic Quasigroups.
  - Chaotic Image Encryption.
  - Designing lightweight cryptographic algorithm for multimedia.
  - Designing Lightweight Cryptographic Algorithms
  - Implementation of RFID
  - Cryptanalysis of Classical Ciphers using Optimization Heuristics
  - Cryptanalysis of Conventional Systems
  - Image Encryption using DES and BLOWFISH.
  - Digital Cash and Mobile Payments.
- Implementation of UNIX System V File System.

M.Sc. Computer Science

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:

- K-Means Clustering Algorithms.
- Implementation of FP-Growth algorithm.
- Implementation of DES encryption and decryption algorithm.
- Application of Genetic Algorithm in 8-queen problem.
- Implementation of Fuzzy C-Means Algorithm in MATLAB.
- Implementation of Tic-Tac-Toe in PROLOG.
- Implementation of Mini-DBMS.
- Implementation of Random Number and Variate Generator.

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 several online 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 2003, Altova XML Suite 2008
Tomcat, NetBeans 6.5, Glassfish

Operating Systems

Windows XP
Red Hat Enterprise Edition

Security Tools

Symantec Antivirus Corp. Bd. 10.2

Hardware

8 Dell, 2 IBM, 2 Toshiba Laptops.
74 Pentium IVs with 512 MB RAM, 80 GB Hard disk, TFT Monitors.
2 HP servers (Windows Server 2003 and Linux server)
6 LCD Projectors out of which 4 are roof fitted and 2 with cameras.
HP ScanJet 3500c Series Scanner.
HP Color Laser Jet 2500, 12 HP LaserJet 3030
4 Laser Printers connected via LAN.

Internet Connection

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.

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 XP.

Database Management Systems

Oracle 9i

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 PageMaker, Word Perfect, Corel, Power Builder, COSMO, RISC Animation.

Hardware

4+1 SUNFire V20Z-AMD, 9 SUNfire V65x-Intel, 2 SUNfire V440-Sparc, 4 Compaq, 4 IBM RS/6000 43 P Technical Workstations, 60 Nodes (IBM Desktops) Peripheral support includes IBM Laser and Inkjet printers, LIPIline printers, HP Desktop plotters and Epson DMPs.

9 Sun Servers, 4 Compaq Servers, 60 Mbps leased line.

CISCO Router, Firewall, Core Switch, Distribution, Access Nortel Access

5 IBM RS/6000 machines having RISC architecture using CMOS VLSI, Double precision.

All campus colleges are networked through fiber optics to the University Intranet. South Campus colleges and all off-campus colleges are linked to North Campus through RF-link.

Services provided by centre to all university staff and students:

E-mail services

Internet Access

Antivirus and spam protection

Support for visually challenged

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

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

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 2009 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.

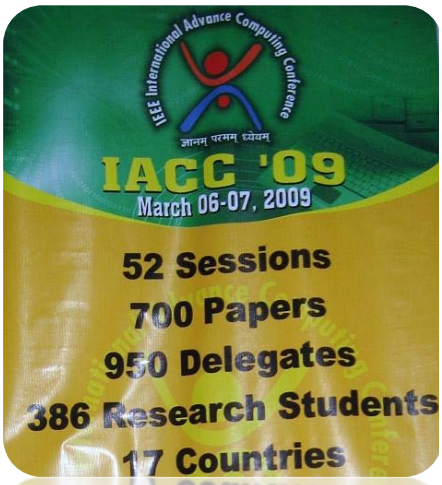
Alumni Working Club

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. Alumni Meet was organized this year on 29 March'09. Interactive events and the social views exchanged promote personality development which helps students prove themselves in their future career.

Sun Campus Ambassador Program

The program was founded by Sun Microsystems, one of the largest IT-related companies in the world. It aims at providing the next generation of developers with the educational tools and resources they need to cultivate important IT skills, participate in today's global competition and contribute to the innovation of the new technologies. In order to facilitate the adoption of open source technologies in campus, as well as creating a community around it, an intern is selected from amongst the students as the Campus Ambassador. A vibrant set of activities such as starting a Sun user group in campus, demonstrating technology to fellow students, promoting events and contests, and blogging are then undertaken. The program partners Sun developers and the Sun Academic Initiative (SAI) program supports the campus ambassador's school or university. This helps the Department get access to SAI's program offerings, including free web courses through the Sun Learning Connection and other curricula, with courses in the latest Java and Solaris technologies.

ACHIEVEMENTS



- IEEE IACC'09: Two teams from our department presented the following papers, at the IEEE International Advance Computing Conference (IACC'09), held at Thapar University, Patiala, on 6th and 7th March'09. Both of them have been selected by IEEE and uploaded in IEEE Xplore online database.
  - Improved Media Security using Customized Standard Encryption Schemes.
  - A New Cryptographic Hash Function Based on Latin Squares and Non-Linear Transformations.

- ICDM'09: Another team from our department presented a paper titled 'Design of Lightweight Algorithms for Media Security' at the International Conference on Data Management (ICDM'09), organized by IMT Ghaziabad, held on 10th and 11th February'09.

- 2nd Mile High Conference on Nonassociative Mathematics: Another research paper from our department, titled 'On Quasigroups Suitable for Securing Digital Information' has been selected for the conference 2nd Mile High Conference on Nonassociative Mathematics at University of Denver, Denver, Colorado, USA, on 22th June to 26th June'09.

- A team from our department presented a paper titled 'Design of Strong Cryptographic Schemes based on Latin Squares' at the Pre-ICM International Convention on Mathematical Sciences, held at Delhi University, from 18th to 20th December'08.

- Microsoft's IMAGINE CUP'08: A team from our department made it to the top-3 at Imagine Cup India Nationals and also bagged a 14 days course at IIM-Ahmedabad. Imagine Cup is a competition by Microsoft where students create innovative solutions based on some theme. The panel of judges in the nationals included Mr. Kiran Karnik (Past President of NASSCOM), Prof. Samir Barua (Director of IIM-Ahmedabad), and Dr. Gopichand Katragadda (GM - Operations, GE Global Research Bangalore).

- SUN REVIEW CONTEST: Two of our teams participated in the GlassFish and MySQL Student REVIEW CONTEST organized by Sun Microsystems. It asked students to demonstrate their skills at developing applications using this platform in this global competition. Demonstrating adeptness with the technologies and a penchant for innovation, both participants from our institute were awarded 2nd position in their

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:

- ABSOLUT DATA
- ADOBE
- ARICENT
- AT&T
- CADENCE DESIGN SYSTEMS
- CAPGEMINI
- CONEXANT INDIA
- CSC
- DELOITTE
- DRISHTI SOFT
- FISERV
- GRAPECITY
- HCL TECHNOLOGIES
- HUGHES SYSTIQUE
- IBM GLOBAL SERVICES
- INDUS LOGIC
- INFOGAIN
- MANHATTAN ASSOCIATES
- MICROSOFT
- MPS TECHNOLOGIES
- NAGARRO
- NUCLEUS SOFTWARE
- NCR
- NEWGEN
- NIIT
- ORACLE
- PEROT SYSTEMS TSI
- SAFENET
- 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. 2007-2010

(Total Strength: 30)

M.Sc. Computer Science 2008-2010

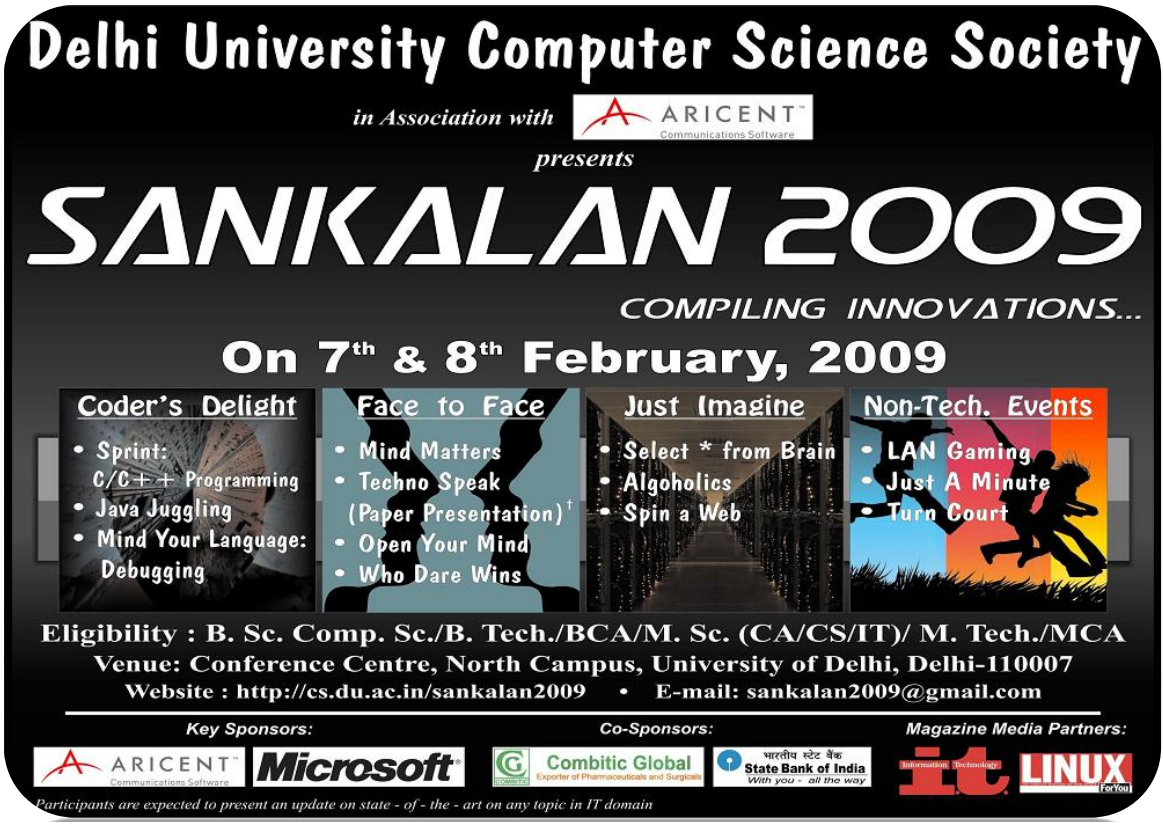
(Total Strength: 32)

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:

ABHRAJIT GHOSH Research Scientist, Telcordia Technologies, USA 1993 MCA batch	VANDANA AGGARWAL Senior Business Analyst SGI, USA 1988 MCA batch
ANIL CHAWLA Vice President Techspan, India 1987 MCA batch	MEENAKSHI KHANNA Senior Programme Manager Cadence, India 1985 MCA batch
GULSHAN KUMAR Vice President Aricent Communications 1988 MCA batch	PRADEEP MATHUR Program Director Capgemini, UK 1987 MCA batch
KIRAN SETHI Vice President Deutsche Bank, USA 1985 MCA batch	MAMTA SAREEN Head, Dept. of Computer Science Kirorimal College,University of Delhi 1992 MCA batch
RAJIV MITTAL Vice President, Corporate Strategy and Finance JK Technosoft Ltd. 1987 MCA batch	MANISH MADAN Vice President, Business Development, Perot Systems, TSI 2001 MCA batch
MUKUL MADAN Consulting Partner QAI Limited 1987 MCA batch	RANJAN DHAR General Manager, Telecom Sector and Strategic Accounts, Symantec Software Solutions Pvt. Ltd. 1989 MCA batch
ARUN GUPTA SUN Microsystems, USA 1988 MCA batch	S KUMARAN Adobe, India 1998 MCA batch



Won the Team Trophy in Envisage-2009, Technical Fest of
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Won the Team Trophy in TECHNOPHILIA-2009,
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