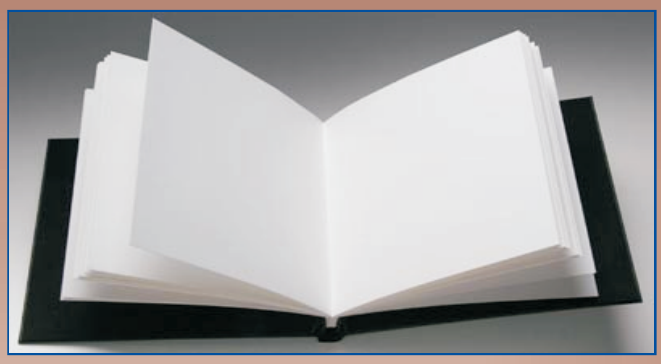
Department Of Computer Science
University Of Delhi

Placement Brochure 2008

Master Of Computer Applications

M.Sc. Computer Science

What's Inside.....



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The Vice Chancellor Speaks.....

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

MCA programme has been fulfilling this demand of industry for more than two decades. **M.Sc. Computer Science** programme is a new and promising programme. I am sure our students of M.Sc. Computer Science will also live upto 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.

Deepak Pental
Vice Chancellor
University Of Delhi

The Head Of Department Speaks.....

The **Department of Computer Science, University of Delhi**, aims at blending theory and knowledge practice and perfection.Since more than two decades **DUMCA** has been contributing to the growth and development of innumerable organizations, countless talented and successful DUMCA professionals have made their mark around the globe.

The three year **Master of Computer Applications (MCA)** course started in the year 1982 is amongst the most sought after programs in India. In view of the increasing demand of trained software professionals the department started **M.Sc Computer Science** in the year **2004**.

The department is proud to nurture the future programmers, executives entrepreneurs of the new world. We lay emphasis not only on the theoretical concepts but also on practical experience and industry interaction. The course is updated from time to time to keep up with the ever evolving IT sector.

The students are equipped with knowledge of core concepts to adapt to new technologies with ease.Our students also gain valuable experience in leadership and team work through team projects , team presentations,clubs activities et al .The Institute also inculcates sense of discipline, dedication, commitment and above all social responsibility in all its students.

I watch with pride and hope yet another batch of proficient **MCA** and **M.Sc** students move 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.

Punam Bedi

The Head of the Department

The Placement Advisor Speaks.....

The three year **Master of Computer Applications (MCA**) and two year **M.Sc. Computer Science** programmes at the **Department of Computer Science** University of Delhi are immensely popular in India.Our **M.C.A. & M.Sc.** 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 do a full semester project in the fourth semester . Project areas include Databases, Operating Systems, Algorithms , Parallel Computing,Graphics,Artificial Intelligence,Networking and Communication, Data mining, Bioinformatics and many more.The **MCA** students, as part of their curriculum undertake a project, normally in industry in their final semester. Projects are undertaken in diverse areas such as Databases Networking and Communications, Software Engineering, Graphics and E-Business. During the project,they are expected to apply their knowledge and experience gained during the course to develop the IT applications. The course is upgraded from time to time to meet the demand and expectations of the software industry.

They 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 of technical, social, economical or political development and emerge as winners. The success of our MCA students is well known in the industry.The department is proud of its more than 600 Alumni at important positions in Information Technology industry in India and abroad. We feel proud in declaring 100% placements year after year. Following the same trend, first two batches of M.Sc. secured almost 100% placements.

I am delighted to invite you to visit our Department and be a part of **DUCS - Placements 2008.**

Neelima Gupta
Placement Advisor

The Department Of Computer Science

At the **Department of Computer Science**, we are committed to provide a high quality teaching and learning environment to the students with the aim of developing knowledge , scholarly values and skills,which will enable students to achieve academic excellence leading to coveted employment and excellence in every sphere of life.

Established in the year 1981, the **Department of Computer Science**, University of Delhi, is a premier institution imparting quality education in the field of Computer Science.Recognizing the growing demand of skilled professionals in the IT industry , the department initiated the three-year **Master of Computer Application (MCA)** degree course in year 1982.The Department is proud of its more than 600 alumni at important positions in India and abroad.

It has been a continuous endeavor of the department to adapt itself and its programmes to mirror the requirements of constantly evolving IT environment. The department also introduced **M.Sc. Computer Science** programme in the year 2004, to develop core competence in Computer Science and prepare the students to take up a career in the highly competitive IT industry as well as carry out research & development.

Besides these ,the Department has strong research interests in several diverse branches of Computer Science and offers **Doctor of Philosophy (Ph.D**) programme aimed at producing quality researchers.

Apart from the **Ph.D ,MCA** and **M.Sc**. program ,the department conducts other Computer Science programmes in various colleges, such as Post Graduate Diploma in Computer Applications B.Sc. (Hons.) Computer Science and other courses at B.Sc./B.A. Level aimed at providing qualified workforce.

The Faculty

The Core Faculty

Dr. Punam Bedi (Head)
Reader
MTech IIT Delhi, PhD (DU)

Mr. P.K. Hazra
Reader
BE,ME Jadavpur University (Calcutta)

Dr. Vasudha Bhatnagar
Reader
MCA (DU), PhD Jamia Milia Islamia

Dr. S.K. Muttoo
Reader
Mtech IIT (Kharagpur),PhD (DU)

Mrs. Vidya Kulkarni
Reader
MA (DU) , MS McMaster University (Canada)

Dr. Naveen Kumar
Reader
MSc,MTech,PhD IIT Delhi

Dr. Neelima Gupta
Reader
MTech,PhD,IIT Delhi

The Guest Faculty

Mr. Ajay Jaiswal
S S CBS
University of Delhi

Ms. Harmeet Kaur
Hansraj College
University of Delhi

Mr. P.D. Sharma
S.G.T.B Khalsa College
University of Delhi

Ms. Vandana
Ram Lal Anand College
University of Delhi

Dr. Ajay Arora
Keshav Mahavidyalaya
University of Delhi

Ms. Geetanjali Kher
Kirori Mal College
University of Delhi

Prof. N.K. Oberoi
SRCC college
University of Delhi

Dr.Archna Singhal
IP College For Women(DU)
University Of Delhi

Dr. Sudhir Kapoor
Hindu College
University of Delhi

Mrs. Veenu Bhasin
Kalindi College
University of Delhi

Dr.Hema Banati
Dayal Singh College
University of Delhi

Dr. Priti Sehgal
Keshav Mahavidyalaya
University of Delhi

Mr.Neeraj Sharma
Ram Lal Anand College
University of Delhi

Prof. N.K. Chadha
Department of Psychology
University Of Delhi

The Infrastructure

Library Facilities

“An investment in knowledge pays the best interest”

Departmental Library

The Department has a well stacked reference library with over three thousand titles, references, subscrptions to various periodicals,and research journals not only in the field of **Computer Science** and **IT** but also in other elated 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 **CSL** is networked with other important libraries through **ERNET**. The website of CSL provides electronic subscription for several online journals of national and international repute including **IEEE** and **ACM** journals and proceedings.

Laboratory Facilities

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

The Department Laboratories

Computer Labs

Softwares we work on:-

Resources

Microsoft Academic Alliance Program
Sun Campus Ambassador Program
-Sun Academic Initiative

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Development Tools

Microsoft Visual Studio 2008
Dev C++,JDK 1.6.0 ,Oracle10g
Microsoft 2000 Advance Server
Microsoft Office 2007,2003
Tomcat, Netbeans 6.0.1 ,Glassfish

Operating Systems

Solaris 10
Windows XP,Fedora
Red Hat Linux 9.0,Debian
Mandrake 9.1

Security Tools

Symantec Antivirus corp. Bd. 10.2

Hardware Available:-

- 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 with camera. HP ScanJet 3500c Series Scanner.
- HP Color Laser Jet 2500, 12 HP LaserJet 3030.
- 4 Laser Printers connected via LAN.
- Classrooms are equipped with computers and overhead projectors.

Internet Connection

Each PC is connected to the Internet through the university Intranet.

↦ Delhi University Computer Centre

➢ Softwares:-

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 7.3, Mach, Windows 9x, 2000, NT, XP and MS-DOS.

Database Management Systems
Oracle 9i

Programming Platforms
Borland C++, Visual Studio , COBOL, Turbo Pascal, Small Talk, XL Fortran, 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 Draw, Power Builder, COSMO, RISC Animation .

Hardware:

- 4+1 SUNFire V20Z- AMD, 9 Sunfire V65x-Intel, 2 Sunfire V 440- 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 Server, 6 Mbps leased line.
  4 Sun Servers in South Campus, 4Mbps 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 fibre 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
- ✓ Anti virus 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.**

The MCA Programme

The Objective

The MCA programme 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 (MCA) pogramme is to impart core education in various disciplines of Computer Science and its applications, so that the students are prepared to face the challenges of the highly competitive IT industry. No wonder today, after twenty years of its existence, its alumni are holding important positions in the IT industry in India and abroad.

DU MCAites make a difference by the extra edge they give to the project, by virtue of being extremely professional, self starters & working smartly on all stretch assignments. They have helped maintain overall quality of high IQ and high energy people that TECHSPAN seeks to attract and engage.

Nimrata Randhwa
(Asstt. Manager-People Development, Techspan)

The Admission Procedure

Eligibility: The students in this course are graduates in any stream with atleast one paper in Mathematics and one in computer science with 60% marks in aggregate.

1. The **first stage** involves a highly competitive **National Level** written examination. The Examination comprises of tests on mathematical and analytical skill. Of all the candidates, the top 75 progress to the second stage(with minimun pass percentage 40%) .

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

Thirty students are selected on the basis of their final scores.
(Final score=80% of the written test score + 20% of the interview score)

Masters Of Computer Applications

The Curriculum

SEMESTER I

- Object Oriented Programming
- Systems Programming
- Mathematical Foundations of Computer Science
- Computer System Architecture
- Organizational Behaviour

SEMESTER II

- Data Structures and File Processing
- Computer Graphics and Multimedia Applications
- System Analysis and Design
- Data Communication and Computer Networks
- Principles of Accounting and Finance
- Digital Microprocessor and PC Lab

SEMESTER III

- Design and Analysis of Algorithms
- Operating Systems
- Visual Programming
- Programming language Concepts
- Database Management Systems

SEMESTER IV

- Compiler Design
- Software Engineering and CASE tools
- Database Applications
- Network Programming
- Operating System Case studies

Masters Of Computer Applications

SEMESTER V

Elective subjects,out of which 5 have to be choosen.

- Data Warehousing and Data Mining
- E-Commerce
- Artificial Intelligence and Expert System
- Computer Security
- Randomized Algorithms
- Optimization Algorithms
- Parallel processing
- Modelling and simulation Techniques
- Advanced database Systems
- Satellite and Mobile Communication Networks
- Computer Vision
- Coding Theory
- Scientific Computation
- Financial Management
- Costing and Human Rasource Management
- Software Project Management

E L E C T I V E S

SEMESTER VI

PROJECT (INDUSTRIAL TRAINING)

Masters Of Computer Applications

Few Of The Classroom Projects Undertaken

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

- **Implementation of MS_DOS File Sysytem(FAT-12).**
- **Simulation of Go-Back'N' Protocol & Selective repeat protocol.**
- **Simulation of Software Development life cycle in a small project.**
- **Design and Implementation of Various games using Win32 API.**
- **Implementation of File Transfer protocol using BSD socket interface.**
- **Design of a Dynamic Website with internet web database.**

To prepare the students for technical positions in the software industry and to give them necessary hands-on practical experience ,the curriculum includes 4 months of professional training in the industry.

"DUMCA unlike other MCA's rightly gives more important to sound grasp of the fundamentals and best software enginee-ring practices."

S.Kumaran
(Adobe)

The M.Sc. Computer Science Programme

The Objective

The programme comprises of full time 4-semesters, including a major project in the final semester and a minor project in the third semester. In that, the course allows the students to specialize in the areas of their interests.

The M.Sc. Computer Science programme, introduced in the year 2004, aims to develop core competence in Computer Science and prepares the students to take up a career in the highly competitive IT industry as well as carry out research and development.

The objective of the programme is to develop human resources with core competence in various thrust areas of Computer Science with sound knowledge of theory and hands on practical skills.Taking into account the Computer Science curriculum that the students have undertaken at the undergraduate level, it covers up the advanced courses in Computer Science.

In all there are 30 seats in the course.

The Admission procedure

Eligibility: The students in this course are graduates in Computer science with at least **60%** aggregate in their graduation.

1. 50% seats are filled on the basis of merit in the **B.Sc.(Honours) Computer Science e**xamination of University of Delhi.

2. Remaining 50% of the seats are based on National Level written examination comprising of two stages -

3. The **first stage** is an Objective examination involving Computer Science, Mathematics and Analytical skills.

4. The **second stage** is a Subjective examination comprising questions on Computer Science and Mathematics.

Some of the Computer Science subjects for the Entrance examinations are:

Discrete Structures
Data Structures
Software Engineering
Computer Networks
Differential Equations
Algorithm Design and Analysis
Operating Systems
DBMS and File Structures
Computer System Architecture
Linear Algebra

The M.Sc. Computer Science Programme

The Curriculum

SEMESTER I

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

☞ Each subject is allocated 4 credits

SEMESTER II

- Compiler Design
- Operating Systems Design and practice
- Database Systems and Implementations
- Advanced Computer Networks
- Modelling and Simulation

☞ Each subject is allocated 4 credits.

The M.Sc. Computer Science Programme

SEMESTER III

1. MINOR PROJECT (8 credits)
2. Elective subjects,out of which 3 have to be choosen (4 credits each)

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

E L E C T I V E S

SEMESTER IV

MAJOR PROJECT (20 credits)

The M.Sc. Computer Science Programme

Few Of The Classroom Projects Undertaken

Besides developing technical skills and knowledge, students are imparted communication skills and orientation towards teamwork by means of presentations, group projects and practical assignments.

- **Agglomerative Clustering Algorithms .**
- **Implementation of FP-Growth algorithm.**
- **Implementation of Time-Table Management System using AI.**
- **Implementation of DES encryption algorithm.**
- **Implementation of Mini DBMS.**
- **Implementation of Random Number Generation-Simulation Package.**
- **Application of Genetic algorithm in N-queen problem.**

To coagulate practical skills of the students and prepare them for upcoming careers in the highly competitive industry,the curriculum encompasses 6 months of a Major Project work, which is held within the Department. The students are required to do a rigorous study and coding during their Major Project work on various platforms using various tools.

Beyond The Textbooks

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 have been evolved for the students targeted at developing in them the traits of teamwork trustworthiness and to create in them the ability to synchronize their individual objectives with the group objectives.

Delhi University Computer Science Society

Delhi University Computer Science Society (DUCSS) is a newly established society constituted with the purpose of conducting technical events such as seminars, conferences,competitions and technical festivals,as well as other cultural and academic events. Such events are expected to enrich student life here at the **Department of Computer Science, University of Delhi.**The Society also forms 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, which has hence become a part of the annual curriculum. In continuation with its effort to strive for excellence in every field, this year society successfully organized Sankalan 2007 with about 65 teams participating from colleges all over India.

Compiling Innovations.....

The Knowledge Search Club

It provides an organized platform to motivate and inspire students to come and share their knowledge, ideas and opinions with others in the Department by way of **presentations, debates** and technical articles. The aim is to familiarize the students with emerging technologies and trends in the software industry as well as to make them aware of on going research in various fields of Computer Science.

The Alumni Working Club

One of the biggest assets of an institute is its alumni. It has to be nurtured and used as a resource not only for the development of the students but also of the Department and the alumni as well . The club works towards this to make it a reality. A successful **alumni get- together** was conducted in **December 2006.**

Meeting with the Future.....

The Technical Support Group

The Department strongly believes that a student of Computer Science needs to know the complete in and out of any software he or she uses.Providing support for installation, **tutorials,trouble-shooting** and use of various software & development environments, organizing seminars on the use of such software by qualified people from the industry is what describes this club the best. **Eminent scholars** from **diverse fields** such as **Operational Research, Java and Oracle technologies** etc. have benefitted students by discoursing on upcoming topics.

Hyper Terminal-The Wall Magazine

To unleash the potential of technology, it is necessary for us to be more realistic about what we expect from it. **HyperTerminal** is an effort towards bringing about technological awareness. A proper blend of humor and technicality is kept in order to bring out creativity and enthusiasm and also to enjoy reading something different from the usual academic restrictions. Since its inception, the emphasis has been on motivating the readers in and outside the computer fraternity to get rid of their cerebral cobwebs and live smart.

The Cultural and Sports Club

This Club Provides the students with ample oppurtunity to let their hair down and enjoy life.**Numerous competitions,cultural meets, picnics,parties** and other relative activities are organized to have a dual benefit of relaxation and to increase interaction between students to foster all round development.

The Current Batch

Master Of Computer Applications

M.Sc. Computer Science

Our Recruiters

Our Recruiters

Where They Go From Here.....

Few, and yet so widely known. Young, and 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 hollow words, but a DUCS pass out knows the true essence of these.

The Alumni who are mentioned here are not the only ones who've done well and who we are proud of. We take pride in other equally talented and successful DUCS alumnies who are making their mark in organizations in India and abroad, but whom we couldn't include here.

ABHRAJIT GHOSH
Research Scientist,
Telcordia Technologies, USA
1993 MCA batch

ANIL CHAWLA
Vice President,
Techspan, India
1987 MCA batch

GULSHAN KUMAR
Asst. Vice Precident,
Aricent Communications,
India,1988 MCA batch

KIRAN SETHI
Vice President,
Deutsche Bank, USA
1985 MCA batch

MUKUL MADAN
Consulting Partner,
QAI Limited, India
1987 MCA batch

ARUN GUPTA
SUN Microsystems,USA
1988 MCA batch

NISHA RAJAGOPALAN
SoftwareQuality
Assurance Analyst,
Mitek Industries,
2000 MCA batch

VANDANA AGARWAL
Senior Business Analyst,
SGI, USA
1988 MCA batch

S KUMARAN
Adobe,India
1998 MCA batch

MEENAKSHI KHANNA
Senior Programme Manager,
Cadence, India
1985 MCA batch

PRADEEP MATHUR
Programme Director,
Capgemini, UK
1987 MCA batch

MAMTA SAREEN
Head,Dept. of Comp.Science
Kiroromal College,DU
1992 MCA batch

VASUDHA BHATNAGAR
Reader,
Dept. of Computer Science,
University of Delhi
1985 MCA batch

RAZIV KHANNA
Nagarro
2001 MCA batch

MANISH MADAN
Vice President,
Business Development,
Perot Systems,TSI
2001 MCA batch

What They Have To Say.....

"I do take pride for being a product of DU MCA program. It definetly did wonders to my career. It felt really good today - 15 years after - to see the same names in the faculty that helped us make our careers. Thanx a lot and all the best to the great faculty - keep up the good work."

Brijpal Singh

"DUMCA has enabled us to stand up-front in all the domains, be it Systems or Applications. The strong foundation has helped in excelling every where and has thus earned respect for the students and Department in the industry."

Gautam Saluja

"I am proud to be an alumni and would recommend DU MCA graduates to any employer. We bring a lot of value to the table."

Vandana Agarwal

"MCA was a great springboard for my career. It gave the right mix of skills to g oth rough it out in the industry."

Pawan Bharadwaj

"The course work was well put together, and gave me a good foundation to pursue a doctorate in Computer Science in U.S."

Anita Jindal

"It has been my experience that adapting to new technologies is very easy for a DUMCAite."

Renu Chaudhary

"The knowledge that I gained here helped me evolve the C-Basics during this short stint in the IT industry, which I believe are necessary to be successful in life. The primary pillar of C-Basics is to have Clarity of Thought, as to what one wants to do. The Confidence in oneself, that one can do it. The Courage to take the necessary moves to achieve it, which requires complete Commitment towards the goal."

Gaurav Chopra

"There are only thirty people who pass out of this place every year, but they are not just thirty people, they belong to that class of selected few who are knowledgeable, skilled, capable, qualified, motivated, ... or if I just put it in brief - 'Complete Professionals'."

Meenakshi Khanna

"It was an excellent curriculum that got us initiated and well prepared for the real world. The six months of on-the-job training in the third year was a very beneficial part of the course."

Deepa Samnt

"MCA provided me with extensive technical knowledge and helped me develop an analytical apprce!"

Sachin Wadhwa

Student's Profiles

Masters Of Computer Applications

Adesh Gupta

Course: B.Sc. (H) Computer Science
College: Shaheed Sukhdev College of Business Studies(DU)
Projects Undertaken:
1.FAT
2.Tetris Game (A Win32 Application)
3.Data Compression using Huffman Code

Adish Jain

Course: B.Sc. (H) Mathematics
College: Kirori mal College (DU)
Projects Undertaken:
1.FAT
2.Chess Game (A Win32 Application)
3.Simulation of 'Go Back N' Protocol

Agraj Mangal

Course: B.Sc. (H) Computer Science
College: Deen Dyal Upadhyaya College (DU)
Projects Undertaken:
1.Simulation of Sejective Repeat Protocol
2.Sudoku Game (A Win32 Application)
3.Data Encryption standard using swings in java

Anjali Gupta

Course: B.Sc. (H) Mathematics
College: St. Stephen's College (DU)
Projects Undertaken:
1.FAT
2.Snake Game (A Win32 Application)
3.Simulation of Assembler using java Swings

Anuj Mittal

Course: B.Sc. (H) Mathematics
College: Kirori mal College (DU)
Projects Undertaken:
1.FAT
2.Tetris Game (A Win32 Application)
3.Juke box using swings in java

Bhuwan Kaura

Course: BIT
College: IGNOU
Projects Undertaken:
1.FAT
2.IE plugins for Traxon.com
3.Online Banking

Student's Profiles

Masters Of Computer Applications

Gagandeep Singh

Course: B.Sc. (H) Computer Science
College: A.R.S.D. College (DU)
Projects Undertaken:
1.FAT
2.Multi player car racing (A Win32 Application)
3.Simulation of Selective Repeat Protocol

Himanshu Shekhar

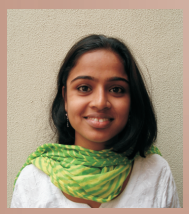
Course: B.Sc. (H) Physics
College: Hindu College (DU)
Projects Undertaken:
1.FAT
2.TicTacToe Game (A Win32 Application)
3.Simulation of 'Go Back N' Protocol

Jagmohan

Course: B.Sc. (Gen.)
College: Kirori mal College (DU)
Projects Undertaken:
1.Simulation of Selective Repeat Protocol
2.Plot4 Game (A Win32 Application)
3.Numerology Project using java applets

Kavita Garg

Course: B.Sc. (H) Mathematics
College: Sri Venkateshwara College (DU)
Projects Undertaken:
1.FAT
2.Aiming practice Game (A Win32 Application)
3.Common wealth games using java frames



Manisha Goel

Course: B.Sc. (H) Mathematics
College: Acharya Narendra Dev College (DU)
Projects Undertaken:
1.FAT
2.Snake Game (A Win32 Application)
3.Simulation of Selective Repeat Protocol

Nidhi Manchanda

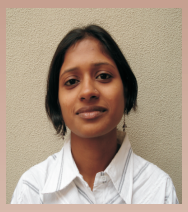
Course: B.Sc. (H) Computer Science
College: Shaheed Sukhdev College of Business Studies(DU)
Projects Undertaken:
1.FAT
2 Simulation of Protocol in VB
3.Accounting package in C++

Student's Profiles

Masters Of Computer Applications

Rajnish

Course: B.Sc.(H) Maths
College: Jamshedpur Cooperative College ,R.U
Projects Undertaken:
1.FAT
2.Tic Tac Toe game (A Win32 Application)
3.School management system



Richa Jain

Course: B.A. Maths
College: S.D.College , Kurukshetra University
Projects Undertaken:
1.FAT
2.Snake Game (A Win32 Application)
3.Simulation of Selective Repeat Protocol

Rohit Chopra

Course: B.Sc.(H) Electronics
College: Hansraj College (DU)
Projects Undertaken:
1. FAT
2.Snake Game (A Win32 Application)
3.Data compression using Huffman code

Rubee Mangut

Course: B.Sc. Maths
College: Meerut College,Meerut(CCS University)
Projects Undertaken:
1.FAT
2.Snake Game (A Win32 Application)
3.Simulation of Selective Repeat Protocol

Sandeep Jain

Course: BCA
College: BIT , MESRA (NOIDA)
Projects Undertaken:
1.Numerical analysis simular in VC++
2.Intra network system in VC++
3.Simulation of Protocol in VB

Sanjeet Kumar

Course: B.Sc. (with Computer Application)
College: Govt. P.G.College,(Kurukshetra University)
Projects Undertaken:
1.FAT
2. Presidential election management system using java applets & JDBC
3.Chess Game (A Win 32 Application)

Student's Profiles

Masters Of Computer Applications

Sankalp Bhambhri

Course: B.Sc.(H) Mathematics
College: SGTB Khalsa College (DU)
Projects Undertaken:
1.FAT
2.Tic Tac Toe game (A Win32 Application)
3.Automation of Hosiery Shop

Sangeeta Pillai

Course: B.Sc. (Gen)
College: Miranda House (DU)
Projects Undertaken:
1.FAT
2.Aiming practice Game (A Win32 Application)
3.Common wealth games using java frames

Shailja Gupta

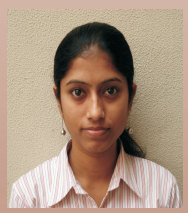
Course: B.Sc. (Gen)
College: St. Stephen's College (DU)
Projects Undertaken:
1. Simulation of Selective Repeat Protocol
2.Sudoku Game (A Win32 Application)
3.Juke box using swings in java

Shobhit Bhatnagar

Course: B.Sc. (H) Mathematics
College: Ramjas College (DU)
Projects Undertaken:
1.FAT
2.Plot4 Game (A Win32 Application)
3. Data Encryption standard using swings in java

Shobhit Sinha

Course: BCA
College: AMU
Projects Undertaken:
1.Simulation of Go Back N Protocol
2.Multiplayer car racing (A Win32 Application)
3.Automation of Hosiery Shop



Swati Gaur

Course: B.Sc. (H) Electronics
College: Hansraj College (DU)
Projects Undertaken:
1.FAT
2. KBC game on .Net
3.Snake Game (A Win 32 Application)

Student's Profiles

Masters Of Computer Applications

Swati Jain

Course: B.Sc. (H) Computer Science.
College: Shaheed Sukhdev College of Business Studies(DU)
Projects Undertaken:
1.FAT
2.Puzzle Slider game (A Win32 Application)
3.Simulation of Assembler using java swings

Swati Kaushik

Course: B.A. (H) Mathematics
College: Hansraj College (DU)
Projects Undertaken:
1.FAT
2.Snake Game (A Win32 Application)
3.KBC game on .Net

Vipin Kumar

Course: B.Sc. (Gen)
College: Meerut College,Meerut(CCS University)
Projects Undertaken:
1. FAT
2.Tic Tac Toe Game (A Win32 Application)
3.Simulation of Go Back N Protocol

Vipin Kumar

Course: B.Sc. (Gen.)
College: Meerut College,Meerut(CCS University)
Projects Undertaken:
1.FAT
2.Snake Game (A Win32 Application)
3. Simulation of Protocol

Vivek Gupta

Course: B.Sc. (Gen.)
College: KKC , Lucknow University
Projects Undertaken:
1.FAT
2.Tic Tac Toe game (A Win 32 Application)
3.Simulation of Protocol

Yogesh Mansingh

Course: B.Sc. (Gen.)
College: Hansraj College (DU)
Projects Undertaken:
1.FAT
2. Simulation of Protocol
3.Tic Tac Toe Game (A Win 32 Application)

Student's Profiles

Masters Of Computer Applications

Amit Anand

Course: B.Sc.(IT)
College: Guru Nanak Dev Institute Of Management
Projects Undertaken:
1.FAT
2.Tic Tac Toe game (A Win32 Application)
3.Simulation of Go Back N Protocol

Nand Kishore

Course: B.Sc. (H) Maths
College: Gurunanak College of science,Ballarpur Maharashtra
Projects Undertaken:
1.FAT
2.Tic Tac Toe game (A Win32 Application)
3.Simulation of Go Back N Protocol

Yatesh

Course: B.Sc. (Gen)
College: Bhayala Degree College,Meerut University
Projects Undertaken:
1.FAT
2.Snake game (A Win32 Application)
3.Simulation of Go Back N Protocol

Student's Profiles

M.Sc. Computer Science

Anjul Goel

Course: B.Sc. (H) Computer Science
College: Guru Gobind Singh College of Commerce(DU)
Projects Undertaken:
1.Implementation Of Data Mining techniques (Agglomerative Clustering, FP-Growth)
2.Implementation Of Mini DBMS
3.Research paper:"Empirical study on BLUETOOTH"

Ankita Mahajan

Course: B.Sc. (H) Computer Science
College: Keshav Mahavidyalaya(DU)
Projects Undertaken:
1.Automation Of Airlines Reservation System
2.Implementation Of Data Mining techniques (Agglomerative Clustering, FP-Growth)
3.Implementation of Mini DBMS

Ankit Rajpal

Course: B.Sc. (H) Computer Science
College: Deen Dayal Upadhyaya College(DU)
Projects Undertaken:
1. Implementation Of Data Mining techniques (Agglomerative Clustering, FP-Growth)
2.Implementation Of Mini DBMS
3.Research paper:"Biometric Authentication using Fingerprinting"

Anu Sharma

Course: B.Sc. (H) Computer Science
College: ARSD College(DU)
Projects Undertaken:
1.Pipeline data compression and encryption techniques in E-Learning environment
2..Implementation Of Mini DBMS
3. Implementation Of Data Mining technique (Agglomerative Clustering, FP-Growth)

Apoorva Kulshreshtra

Course: B.Sc. (H) Computer Science
College: Hansraj College (DU)
Projects Undertaken:
1.Implementation Of Data Mining techniques (Agglomerative Clustering, FP-Growth)
2.Implementation Of Mini DBMS
3.Airline Management System

Arpan Agrawal

Course: B.Sc. (H) Computer Science
College: Deen Dayal Upadhyaya College(DU)
Projects Undertaken:
1.Implementation Of Data Mining techniques (Agglomerative Clustering, FP-Growth)
2. Research paper:"Attribute clustering and feature selection in microarray datasets"
3.Implementation of Mini DBMS

Student's Profiles

M.Sc. Computer Science

Deepak Bammi

Course: B.Sc. (H) Computer Science
College: Sri Guru Gobind Singh College of Commerce(DU)
Projects Undertaken:
1.Implementation Of Data Mining Techniques (Aggglomerative Clustering, FP-Growth)
2.Implementation Of Mini DBMS
3.Railway Management System

Ishan Qureshi

Course: B.Sc. (H) Computer Science
College: Ram Lal Anand College(DU)
Projects Undertaken:
1.Implementation Of Data Mining techniques (Aggglomerative Clustering, FP-Growth)
2.Lexically Analyzing Regular Expressions to construct DFA
3..Implementation Of Mini DBMS

Kritika Jain

Course: B.Sc. (H) Computer Science
College: Hansraj College (DU)
Projects Undertaken:
1.Implementation Of Mini DBMS
2.Research paper:"Secure Key excange using parity machine"
3.Implementation Of Data Mining techniques (Agglomerative Clustering, FP-Growth)

Leena Singhal

Course: B.Sc. (H) Computer Science
College: Indraprastha College for Women(DU)
Projects Undertaken:
1.Implementation Of Data Mining techniques (Agglomerative Clustering, FP-Growth)
2.Implementation Of Mini DBMS
3.Research paper:"Hacking and Cyber Crime"

Natasha Jain

Course: B.Sc. (H) Computer Science
College: Guru Gobind Singh College of Commerce(DU)
Projects Undertaken:
1.Implementation Of Data Mining techniques (Agglomerative Clustering, FP-Growth)
2.Implementation of Mini DBMS
3.Reasearch Paper on "Online Analytical Processing (OLAP)"

Neha Jain

Course: B.Sc. (H) Computer Science
College: Keshav Mahavidyalaya(DU)
Projects Undertaken:
1.Implementation Of Data Mining techniques (Agglomerative Clustering, FP-Growth)
2. Implementation of Mini DBMS
3.Research Paper on "Text Image Enhancement System based on neural networks"

Student's Profiles

M.Sc. Computer Science

Neha Mishra

Course: B.Sc. (H) Computer Science
College: Indraprastha College for Women(DU)
Projects Undertaken:
1.Implementation Of Data Mining Techniques (Agglomerative Clustering, FP-Growth)
2.Implementation of Mini DBMS
3.Research Paper on "Chatterbots"

Neha Thakral

Course: B.Sc. (H) Computer Science
College: Acharaya Narendra Dev College(DU)
Projects Undertaken:
1.Implementation Of Data Mining Techniques (Agglomerative Clustering, FP-Growth)
2.Implementation of Mini DBMS
3.Implementation of DES Algorithm

Nikhil

Course: B.Sc. (H) Computer Science
College: Ram Lal Anand College(DU)
Projects Undertaken:
1.Implementation Of Data Mining Techniques (Agglomerative Clustering, FP-Growth)
2.Implementation of DES Algorithm
3.Research Paper on "Barcodes"

Nikhil Malik

Course: B.Sc. (H) Computer Science
College: Guru Gobind Singh College of Commerce(DU)
Projects Undertaken:
1.Implementation of Mini DBMS
2.Research Paper on "Fuzzy Logic"
3.Implementation Of Data Mining techniques (Agglomerative Clustering, FP-Growth)

Nishikant Kumar

Course: B.Sc. (H) Computer Science
College: Ram Lal Anand College(DU)
Projects Undertaken:
1.Implementation Of Data Mining Techniques (Agglomerative Clustering, FP-Growth)
2.Implementation of DES Algorithm
3.Research Paper on "Quantum Computing"

Rajesh Kalra

Course: B.Sc. (H) Computer Science
College: Guru Gobind Singh College of Commerce(DU)
Projects Undertaken:
1.Implementation Of Data Mining techniques (Agglomerative Clustering, FP-Growth)
2.Research paper:" Computer security"
3.Implementation of Mini Dbms

Student's Profiles

M.Sc. Computer Science

Ranjan Yadav

Course: B.Sc. (H) Computer Science
College: Hansraj College(DU)
Projects Undertaken:
1.DES implementation
2.Implementation Of Data Mining Techniques (Agglomerative Clustering, FP-Growth)
3.Sports complex management system (software model).

Ritika Puri

Course: B.Sc. (H) Computer Science
College: Acharya Narendra Dev College (DU)
Projects Undertaken:
1.Implementation Of Data Mining Techniques (Agglomerative Clustering, FP-Growth)
2.Implementation of Mini DBMS
3.Implementation of DES Algorithm

Sangeeta Kumari

Course: B.Sc. (H) Computer Science
College: Deen Dayal Upadhyaya College(DU)
Projects Undertaken:
1.Implementation Of Data Mining Techniques (Agglomerative Clustering, FP-Growth)
2.Implementation of Mini DBMS
3.Implementation of DES Algorithm

Sangeeta

Course: B.Sc. (H) Computer Science
College: Kalindi College (DU)
Projects Undertaken:
1.Implementation Of Data Mining Techniques (Agglomerative Clustering, FP-Growth)
2.Implementation of Mini DBMS
3. Research Paper on "Query Execution Optimization in Memory Resident Databases"

Shikha Gupta

Course: B.Sc. (H) Computer Science
College: Shri Guru Gobind Singh College of Commerce(DU)
Projects Undertaken:
1.Implementation Of Data Mining Techniques (Agglomerative Clustering, FP-Growth)
2.Implementation of Mini DBMS
3.Research Paper:"Computer Security"

Smriti Gupta

Course: B.Sc. (H) Computer Science
College: Bhaskaracharya College of Applied Sciences(DU)
Projects Undertaken:
1.Implementation of Mini DBMS
2.Research paper:"Secure routing for Peer-to-Peer overlay networks"
3.Implementation of Agglomerative Clustering

Student's Profiles

M.Sc. Computer Science

Sonu Kumar

Course: B.Sc. (H) Computer Science
College: Atma Ram Sanatan Dharam College(DU)
Projects Undertaken:
1.Agglomerative Clustering
2.Implementation of DES Algorithm
3.research Paper on "bluetooth technology"

Surbhi Bajaj

Course:B.Sc. (H) Computer Science
College:Keshav Mahavidyalaya(DU)
Projects Undertaken:
1.Research Paper on "Relationship B/W usability & Software Archiecture"
2.Implementation of DBMS
3.Implementation Of Data Mining techniques (Agglomerative Clustering, FP-Growth)

Tanu Grover

Course: B.Sc. (H) Computer Science
College: Hansraj College (DU)
Projects Undertaken:
1.Implementation Of Data Mining techniques (Agglomerative Clustering, FP-Growth)
2.Hospital Management System
3.Implementation of Mini DBMS

Trasha Gupta

Course: B.Sc. (H) Computer Science
College: Keshav Mahavidyalaya(DU)
Projects Undertaken:
1.Implementation Of Data Mining techniques (Agglomerative Clustering, FP-Growth)
2.Automation of Airlines Reservation System
3.Implementation of Mini DBMS

Vandita Vats

Course: B.Sc. (H) Computer Science
College: Indraprastha College for Women(DU)
Projects Undertaken:
1.Implementation Of Data Mining techniques (Agglomerative Clustering, FP_Growth)
2.Research Paper on "Internet Protocol Television (IPTV)"
3.Implementation of Mini DBMS

Vineet Arora

Course: B.Sc(G) Mathematical Sc
College: Keshav Mahavidyalaya(DU)
Projects Undertaken:
1.Transport information system in VB
2.Implementation Of Data Mining techniques (Agglomerative Clustering, FP-Growth)
3.Implementation of Mini DBMS

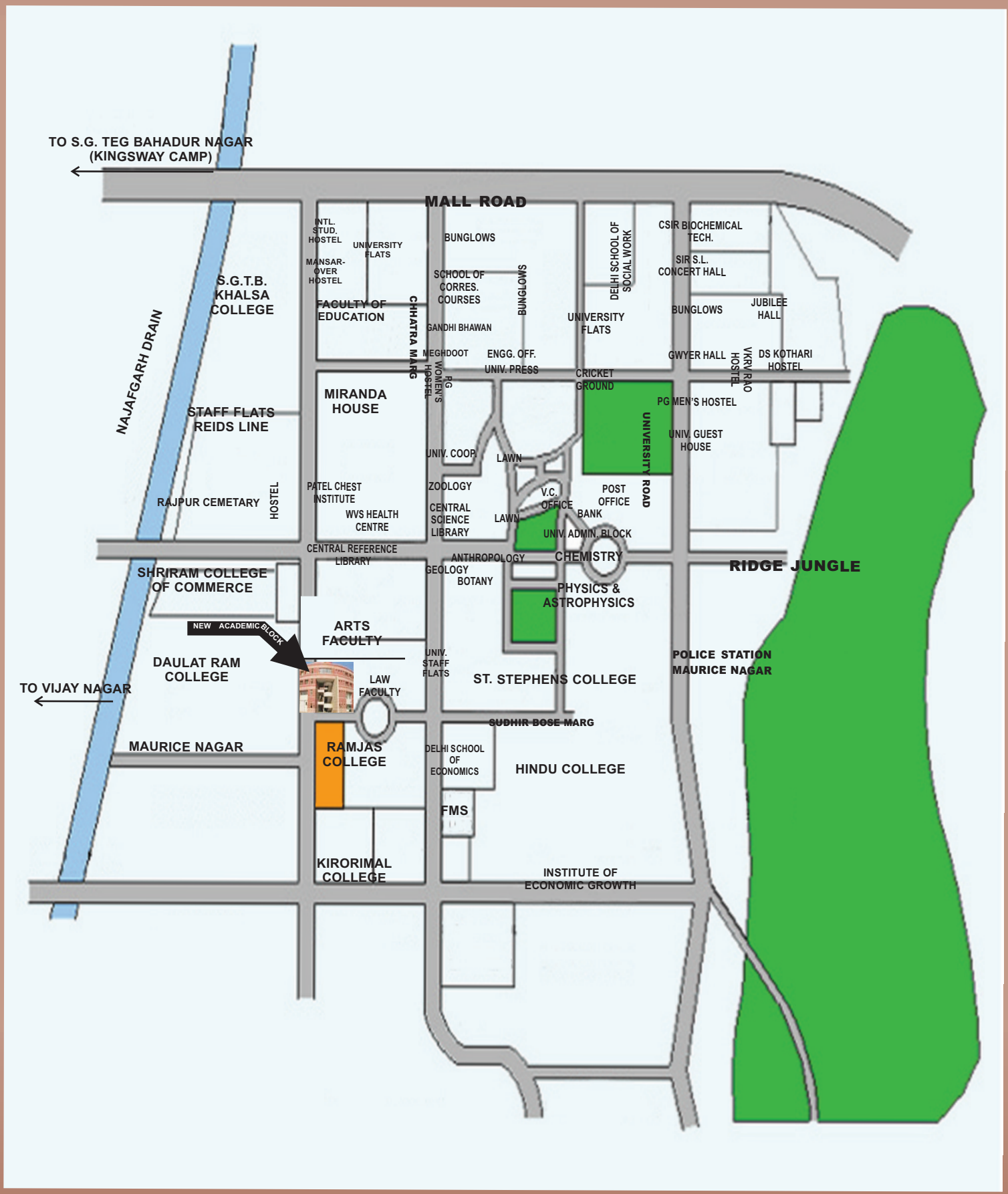
Student's Profiles

M.Sc. Computer Science

Prerna
Bagai

Course: B.Sc. (H) Computer Science
College: Shaheed Sukhdev College of Business Studies(DU)
Projects Undertaken:
1.Research paper-" Software Rreliability growth models"
2.Software engineering- Video Library Management System

Approach Map



Department of Computer Science

Faculty of Mathematical Sciences,
New Academic Block, Adjoining Arts Faculty Building,
University of Delhi, Delhi - 110007.

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