COURSES OFFERED

Currently the department offers only one course -

✓ B.A. Programme (Computer Application)

Feature of B.A. Programme (Computer Application)

✓ You will be studying two disciplines in this course.

✓ First discipline you will be studying is Computer Application.

✓ For second discipline (Discipline II), you can choose one from the following available options:
    ✓ Economics
    ✓ Political Science

Seats Offered for B.A. Prog. (Computer Application)

Discipline Combination	Seats
Computer Application with Economics	19
Computer Application with Political Science	16

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CHOICE BASED CREDIT SYSTEM

Most schools in India follow the numerical grading system that grades students with numerical marks in each subject. However, in University of Delhi you will be graded on a 10 point scale as shown in table below.

Advantages of CBCS System

✓ The student has an option to choose inter or multi-disciplinary courses.

✓ Students can progress at their own tempo.

✓ Students can choose and learn job oriented skills from various categories of subjects offered every semester.

✓ Marks secured are in letter grade format as shown in table on the right.

✓ Continuous assessment is used to assess the performance of students.

Grades	Point
O (Outstanding)	10
A+ (Excellent)	9
A (Very Good)	8
B+ (Good)	7
B (Above Average)	6
C (Average)	5
P (Pass)	4
F (Fail)	0
Ab (Absent)	0

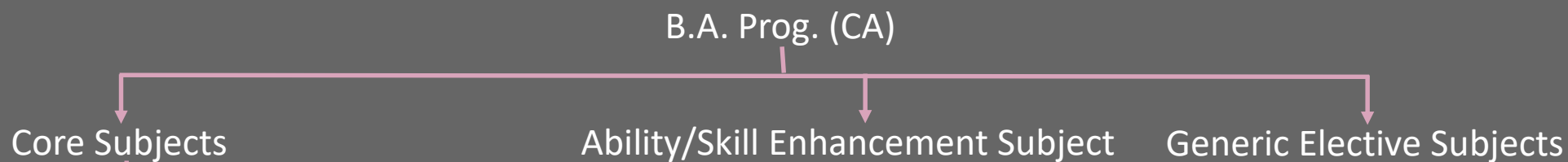Contoso

B.A. PROG. (CA) LEARNING OUTCOMES

After completion of this course a student will be able to:

- ✓ Understand the basic fundamentals of computer including its internal organization and their management.

- ✓ Design & write queries for a MySQL database.

- ✓ Handle computer networks, modems and routers, and efficiently use internet.

- ✓ Develop static websites using HTML or DHTML, CSS and JavaScript programming.

- ✓ Use multimedia authoring tools to design small applications using sound, audio, and video or animation.

- ✓ Code applications in Python ranging from basic to advanced depending on interest.

- ✓ Understand the information system, the threats it can face and how to prevent, detect and save a network or organisation from any attack.

- ✓ Learn the common cyber threats and the laws that the government of India has enacted to safeguard people from various cyber threats.

- ✓ Develop and implement a project based on case studies.

STRUCTURE OF B.A. PROG. (CA)

The course is divided into six semesters. Each semester has two types of subjects:

✓ Core Subjects [2 Subjects Per Semester]

✓ Ability Enhancement Courses (First Year) [One Subject in Each Semester]

✓ Skill Enhancement Course (Second and Third Year) [One Subject in Each Semester]

✓ Generic Elective (Third Year) [One Subject in Each Semester]

B.A. Prog. (CA)

Core Subjects   **Ability/Skill Enhancement Subject**   **Generic Elective Subjects**

| English/MIL (Semester 1,2,3,4) Computer Application Subjects:
• Discipline Specific Core (Semester: 1,2,3,4)
• Discipline Specific Elective (Semester: 5, 6) | Discipline II Subjects
• Discipline Specific Core (Semester: 1,2,3,4)
• Discipline Specific Elective (Semester: 5, 6) | English or MIL Communication or Environment Science (Semester: 1, 2) | All Non-Computer Application and Non-Discipline II Subjects (Semester: 5, 6) |

SEMESTER-WISE COURSES DISTRIBUTION

Semester I

Course Opted	Subjects	CREDIT
Ability Enhancement Compulsory Course - I	English / MIL Communications / Environmental Science	4
Core Course – I	English / MIL - I	6
Core Course – II	DSC-1A: Computer Fundamentals	6
Core Course – III	DSC-2A (Discipline II Subject)	6

Semester II

Course Opted	Subjects	CREDIT
Ability Enhancement Compulsory Course - II	English / MIL Communications / Environmental Science	4
Core Course – IV	English / MIL - I	6
Core Course – V	DSC-1B: Database Management Systems	6
Core Course – VI	DSC-2B: (Discipline II Subject)	6

SEMESTER-WISE COURSES DISTRIBUTION

Semester III

Course Opted	Subjects	CREDIT
Skill Enhancement Course – I	SEC-I: Word Processing and Presentation Softwares / PHP Programming	4
Core Course – VII	English / MIL – II	6
Core Course – VIII	DSC-1C: Computer Networks and Internet Technologies	6
Core Course – IX	DSC-2C (Discipline II Subject)	6

Semester IV

Course Opted	Subjects	CREDIT
Skill Enhancement Course – II	SEC-II: Data Handling Using Spreadsheet / Web designing Using HTML 5	4
Core Course – X	English / MIL – II	6
Core Course – XI	DSC-1D: Multimedia Systems and Applications	6
Core Course – XII	DSC-2D (Discipline II Subject)	6

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SEMESTER-WISE COURSES DISTRIBUTION

Semester V

Course Opted	Subjects	CREDIT
Skill Enhancement Course – III (Non CA)	Discipline II SEC-III Subject	4
Generic Elective - I	Several Non-Discipline Options	6
Elective – I (CA)	DSE-1A: Programming in JAVA / Programming with Python	6
Elective – I (Other)	DSE-2A (Discipline II Subject)	6

Semester VI

Course Opted	Subjects	CREDIT
Skill Enhancement Course – IV (Non CA)	Discipline II SEC-IV Subject	4
Generic Elective - II	Several Non-Discipline Options	6
Elective – I (CA)	DSE-1B: Information Security and Cyber Laws / Project Work/Dissertation	6
Elective – II (Other)	DSE-2B (Discipline II Subject)	6

CAREER PROSPECTS

There are various clear career options that students can pursue after B.A. Prog. in Computer Applications.

✓ Database Designer or Database Developer

✓ Website Developer with PHP

✓ Data Analyst with Office

✓ Python Developer

✓ Data Analyst or Data Engineer (and Machine Learning Developer or Data Scientist with our Add-on Courses like Machine Learning, Data Analysis and Visualization etc.)

HIGHER EDUCATION PROSPECTS

There are various direct higher education paths that our students can follow after B.A. Prog. in Computer Application.

- ✓ M.A. Cyber Security
- ✓ M.A. Criminology
- ✓ Post Graduate Diploma in Computer Application (PGDCA)
- ✓ After PGDCA students can pursue MCA or MSc in Computer Science.
- ✓ Post Graduate Diploma in Data Science
- ✓ B.Ed

Contoso

WELCOME !

✉ INFO@LB.DU.AC.IN

✾ HTTP://WWW.LAKSHMIBAICOLLEGE.IN