

(Lesson Plan)

2019-2020

**Mehr Chand Mahajan DAV College for Women, Sector – 36A, Chandigarh
Monthly Teaching Plans (Odd Semester-1st)**

Name of the Teacher: Sandeep Kaur

Dept: Department of Computer Science and Applications Class: B.Sc-I

Subject: Computer Applications (CA-01)

S.No.	Date (Monthly)		Topics to be Covered	Academic Activity Undertaken*
	From	To		
1.	27 July , 2019	31 Aug, 2019	Introduction to computers, Characteristics, Classification, Generations, Computer Organization, I/O devices	Lecture Method, PPT
2.	1 Sep, 2019	30 Sep, 2019	Main Memory Organization, Secondary Storage Devices, Programming Languages, Translators, Number system, Character Codes.	Class Test ,PPT, Lecture Method, Doubt Session
3.	1 Oct, 2019	31 Oct, 2019	Algorithm Development, Operating System & it's functions, Booting sequence, Anatomy of windows, Paint, WordPad, notepad	PPT, Lecture Method, Reviewed the benchmark decided for the previous month and made plan for upcoming month, Practical Demonstration.
4.	1 Nov, 2019	30 Nov, 2019	Types of DOS commands, Taskbar Settings, Managing files and folders, Searching files and folders	Class Test, Discussion of previous year question papers, Practical Demonstration.

Session–(2019-20)
(Odd Semester -1stsem)

Name of the Teacher/s : Dr. Ritika Bansal

Department : DCSA

Class : B.Sc. CA 1st year 1st semester

Subject : Application Software CA02

Section (s): Computer Applications

S.No.	Date (Monthly)		Topics to be Covered	Academic Activity Undertaken*
	From	To		
1.	25 th July 2019	31 st July 2019	Opening, Creating, Saving, Printing and closing Documents, Menu Toolbars, Editing Text, Finding and Replacing Text, Spell Check, Autocorrect; Auto text, Character formatting, Page formatting.	Lecture method, PPT, Online sources and discussions.
2.	1 st August 2019	31 st August 2019	Adding Borders and shading, Adding Headers and Footers, Setting up Multiple columns, Adjusting Margins and Hyphenating Documents; Mail Merge, Inserting Pictures, Tables, Macros.	Lecture method, demonstrations through software and discussions.
3.	1 st sept. 2019	30 th Sept 2019	Creating, saving, and printing presentations; selecting design templates, Inserting tables and images, animations and transitions, Auto content Wizard, Changing Background	Lecture method, PPT, Online sources, demonstrations through software, class tests, and discussions.
4.	1 st Oct. 2019	31 st Oct 2019	Worksheet overview, Row, Column, Cells, Menus, Creating, Opening, Saving and printing worksheet; Auto fill, working with Formulae, Data formatting, Working with Ranges, Absolute, relative and Mixed addressing, creating, sorting and filtering Data Base; Charts, Macros, Functions.	Lecture method, PPT, Online sources, sample programs, class tests, and revisions.
5.	1 st Nov 2019	30 th Nov 2019	Introduction to database, Creating database using Wizard or from scratch, creating tables using wizard, entering data, using design view, saving, inserting, editing, Changing properties of fields, setting primary key.	Lecture method, PPT, demonstrations, class tests and old paper discussions.

(Even Semester-2ndsem)

Session – (2019-20)

Name of the Teacher/s: Dr. Ritika Bansal

Department: DCSA

Class: B.Sc. CA 1st year 2nd semester

Subject: C Programming Language CA 03

Section (s): Computer Applications

S.No.	Date (Monthly)		Topics to be Covered	Academic Activity Undertaken *
	From	To		
1.	9 th Jan 2020	31 st Jan 2020	Character Set, Constants, Keywords, Variables, Data Types, Operators and its types, structure of C program, standard and formatted statements, decision control structures.	Lecture method, PPT, Online sources and discussions.
2.	1 st Feb 2020	29 th Feb 2020	Loop control structures and case control structures, Functions, recursion, Preprocessors, scope rules.	Lecture method, program demonstrations through software and discussions.
3.	1 st March 2020	31 st March 2020	Array declaration, Single and two dimensional arrays, Passing array elements to function, Insertion, deletion and searching operation in arrays, Pointers, Dynamic memory allocation, Reading and writing strings, string handling functions	Lecture method, PPT, Online sources, program demonstrations through software, class tests, and discussions.
4.	1 st April 2020	30 th April 2020	Structures, array of structures, union, opening and closing files, file accessing functions, file opening modes, argc and argv.	Lecture method, PPT, Online sources, sample programs, class tests, revisions and old paper discussions.

**Monthly Teaching Plans (Even Semester-2nd)
2019-20**

Name of the Teacher: SandeepKaur

Dept: Department of Computer Science and Applications Class: B.Sc-I

Subject: Operating System Concepts (CA-04)

S.No.	Date (Monthly)		Topics to be Covered	Academic Activity Undertaken*
	From	To		
1.	9 th Jan, 2020	31 Jan, 2020	OS and it's functions, Computer System Architecture, Storage Structure	Lecture Method, PPT
2.	1 st Feb, 2020	29 Feb, 2020	Process life cycle, PCB, Scheduler, Types of Scheduling, Deadlocks, Resource Allocation Graph, Deadlock detection and Recovery	Class Test, dictated notes from online sources, PPT
3.	1 st Mar, 2020	31 st Mar, 2020	Memory Management, Paging & Segmentation, Page Replacement Algorithms	Assignment given, Lecture Method, PPT
4.	1 st April, 2020	30 th April, 2020	File Allocation Methods, Allocation Methods, Directory Structure, Disk Structure, Disk Scheduling Algorithms, Control devices	Discussion of previous year questions, Class Test of Unit-3, Concluded with the syllabus