

GOVT. P.G. COLLEGE FOR WOMEN, SECTOR-14, PANCHKULA

LESSON-PLAN (Session 2020-2021) EVEN SEMESTER

Name of Professor: ANITA YADAV

Designation: EXTENSION LECTURER

Subject: COMPUTER SCIENCE

Class: BCA 1

Subject/Paper: PROGRAMMING IN C

Sr. No.	Months	Topics to be covered	Remarks if any,
1	December	Overview of C: History of C, Importance of C, Structure of a C Program. Elements of C: C character set, identifiers and keywords, Data types, Constants and Variables, Assignment statement, Symbolic constant. Input/output: Unformatted & formatted I/O function in C, Input functions (scanf(), getch(), getche(), getchar(), gets()), Output functions (printf(), putchar(), puts()). Operators & Expression: Arithmetic, relational, logical, bitwise, unary, assignment, conditional operators and special operators. Arithmetic expressions, evaluation of arithmetic expression, type casting and conversion, operator hierarchy & associativity.	1st Assignment
2	January	Decision making & branching: Decision making with IF statement, IF-ELSE statement, Nested IF statement, ELSE-IF ladder, switch statement, goto statement. Decision making & looping: For, while, and do-while loop, jumps in loops, break, continue statement. Functions: Definition, prototype, passing parameters, recursion. Storage classes in C: auto, extern, register and static storage class, their scope, storage, & lifetime.	Tests, 2nd Assignment
3	February	Arrays: Definition, types, initialization, processing an array, passing arrays to functions, Strings & arrays.	Tests and Revision

*Vacation as per university calendar

