

Lesson Plan Even Semester 2023-2024

BBA 2nd Semester

BBA204 Computer Applications in Management

January 2024

UNIT-I Introduction to Computers – History, basic anatomy, operating system, memory, input/output devices; types of computers, classification of computers; hardware and software

February 2024

UNIT-II Networking – Advantage.

March 2024

UNIT-II Networking – types, devices and network connection, wireless networking; virus and firewalls

UNIT-III Computer applications using internet, chatting and e-mailing;

April 2024

computer applications, advantages and limitations, use in offices, education, institutions, healthcare

May 2024

UNIT-IV Multimedia applications in business; marketing and advertising; web applications of multimedia

BCA-106 : 'C' PROGRAMMING

Lesson Plan Even Semester 2023-24

January 2024

Overview of C: History of C, Importance of C, Elements of C: C character set, identifiers and keywords, Data types, Constants and Variables, Assignment statement, Symbolic constant, Structure of a C Program, printf(), scanf() Functions, Operators & Expression: Arithmetic, relational, logical, bitwise, unary, assignment, shorthand assignment operators, conditional operators and increment and decrement operators, Arithmetic expressions, evaluation of arithmetic expression, type casting and conversion, operator hierarchy & associativity.

February 2024

UNIT-II Decision making & branching: Decision making with IF statement,

March 2024

unit - 11 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, Nested loops.

UNIT-III Functions: Standard Mathematical functions, Input/output: Unformatted & formatted I/O function in C, Input functions viz. getch(), getche(), getchar(), gets(), output functions viz., putchar(), puts(),

April 2024

string manipulation functions. User defined functions: Introduction/Definition, prototype, Local and global variables, passing parameters, recursion.

UNIT-IV Arrays, strings and pointers: Definition, types, initialization, processing an array, passing arrays to functions, Array of Strings. String constant and variables, Declaration and initialization of string, Input/output of string data, Introduction to pointers.

May 2024

Storage classes in C: auto, extern, register and static storage class, their scope, storage, & lifetime. Algorithm development, Flowcharting and Development of efficient program in C.

BCA-208 : 'C++' PROGRAMMING

Lesson Plan Even Semester 2023-24

January 2024

UNIT-I

Object Oriented Programming Concepts : Procedural Language and Object Oriented approach, Characteristics of OOP, user defined types, polymorphism and encapsulation. Getting started with C++: syntax, data types, variables, string, function, namespace and exception, operators, flow control, recursion, array and pointer, structure .

February 2024

UNIT-II

Abstracting Mechanism: classes, private and public, Constructor and Destructor , member function, static members, references;

Memory Management: new, delete, object copying, copy constructor, assignment operator, this input/output

March 2024

UNIT-III

Inheritance and Polymorphism: Derived Class and Base Class, Different types of Inheritance,

Overriding member function, Abstract Class, Public and Private Inheritance, Ambiguity in Multiple inheritance , Virtual function, Friend function, Static function.

April 2024 & May 2024

UNIT-IV

Exception Handling: Exception and derived class, function exception declaration, unexpected exception, exception when handling exception, resource capture and release. Template and Standard Template Library: Template classes, declaration, template functions, namespace, string, iterators, hashes, iostreams and other types