**Curriculum Plan (Odd Semester 2024-25)**

**(Department of Computer Science)**

Name of the Faculty : Ruby Gupta

Name of the Course : B.A with Computer Application

Semester : 1st sem

Title of the Paper : Introduction to Programming using C++ (Theory + Practical)

|  |  |  |  |
| --- | --- | --- | --- |
| **S No** | **Topic** | **References/content** | **schedule** |
| 1. | Introduction to C++ , Data Types and Expression | [1], [2] | September |
| 2. | Control constructs, Arrays , pointers , User Defined Functions | [2] | October |
| 3. | Classes and Objects  ASSIGNMENT | [2] | November |
| 4. | TEST  Revision |  | Dec |

**References**

1. E. Balaguruswamy, Object Oriented Programming with C++, 7th edition, McGraw – Hill Education, 2017.
2. Robert Lafore, Object Oriented Programming in C++, 4th edition, SAMS Publishing, 2016.