

Post Graduate Government College for Girls-11, Chandigarh.

Department of Computer Applications

Weekly Planner (2018)

Class-PGDCA-II Semester

Teacher In charge: Ms.Navdeep Kaur

Subject: Object Oriented Concepts using Java

S No.	Week	Topic
1	08-01-2018 to 12-01-2018	Basic Concepts of Object-Oriented Programming :Objects and Classes, Data abstraction and encapsulation, Inheritance, Polymorphism, Dynamic binding, Message communication
2	15-01-2018 to 19-01-2018	Difference between procedure oriented and object oriented approach, Benefits of OOP's; Applications of OOP's, Object-Oriented languages.
3	22-01-2018 to 26-01-2018	Byte code, Java virtual machine, Java Development Kit, java tokens, constants, variables, data types
4	29-01-2018 to 02-02-2018	operators, expressions, control structures
5	05-02-2018 to 09-02-2018	defining class, creating objects, accessing class members, method overloading, static members
6	12-02-2018 to 16-02-2018	Inheritance: Defining a subclass, subclass constructor, multilevel inheritance, Hierarchical inheritance.
7	19-02-2018 to 23-02-2018	Overriding methods, Final variables, methods, and classes
8	26-02-2018 to 02-03-2018	Visibility Control: Public access, friendly access, protected access, private access, private protected access.
9	05-03-2018 to 09-03-2018	Arrays: One dimensional array, declaration, creation and initialization of arrays
10	12-03-2018 to 16-03-2018	Array length, Two dimensional array
11	19-03-2018 to 23-03-2018	Strings: String arrays, String methods, StringBuffer class
12	26-03-2018 to 30-03-2018	Interfaces: Defining interfaces, Extending Interfaces, Implementing Interfaces.
13	02-04-2018 to 06-04-2018	Accessing Interface variables , Packages: Java API packages, Defining a package
14	09-04-2018 to 13-04-2018	Creating and Accessing packages, Adding class to a package, Hiding Classes.
15	16-04-2018 to 20-04-2018	Multithreaded Programming: Creating Thread, Extending the Thread class, Stopping and Blocking a Thread, Life cycle of a Thread.
16	23-04-2018 to 27-04-2018	Errors and Exception Handling: Fundamentals, error types, exception types, using Try and catch, finally statement, Built-in exceptions.
17	30-04-2018 to 04-05-2018	Applet Programming: Local and remote applets, Applet Life Cycle, Creating an executable Applet, Applet tag, Adding Applet to a HTML file, Passing parameters to Applets