**PG.GOVT COLLEGE FOR GIRLS, SECTOR-42, CHANDIGARH**

**Teaching Plan Session Odd Semester**

**(2018-19)**

**Class: B.Sc(C.Sc) 3rd Sem Name of the Teacher: Mr. Pardeep Kumar**

**Subject:** Object Oriented Programming & CO **Period : 2nd**

**Paper : CS05 & CS06 Room No :103**

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| **S. No** | **Date From** | | **Date Upto** | **Topics to be covered** |
| Week 1 | **(For ongoing classes)** | | | General introduction to OOPS concept. |
| July 24, 2018 | | July 28, 2018 |
| Week 2 | July 30, 2018 | August 4, 2018 | | Procedural language and object oriented language , operators , datatypes . |
| Week 3 | August 6, 2018 | August 11, 2018 | | Arrays and string programs. |
| Week 4 | August 13, 2018 | August 18, 2018 | | Functions |
| Week 5 | August 20, 2018 | August 25, 2018 | | Classes : Class Declaration : Data Members, Member Functions, Private and Public members, data hiding and encapsulation, arrays within a class  Objects :Creating Objects, Accessing class data members, Accessing member functions, Methods of passing arguments to functions.  Object Concepts: Arrays of Objects, Objects as function arguments: Pass by value, Pass by Reference, Pointers to Objects. |
| Week 6 | August 27, 2018 | September 1, 2018 | | Constructors and Destructors .  Inheritance. |
| Week 7 | September 3, 2018 | September 8, 2018 | | Representation of Information, Microinstructions . |
| Week 8 | September 10, 2018 | September 15, 2018 | | Combinatorial logic design |
| Week 9 | September 17, 2018 | September 22, 2018 | | Micrprocessor :Architecture of 8086/8088 Processor Model;; Addressing Modes:. |
| Week 10 | September 24, 2018 | September 29, 2018 | | Registgers used in Mircoprocessor ,Instruction Set. |
| Week 11 | October 1, 2018 | October 8, 2018 | | Introduction to various physical components of a computer, PhysicalInspection and Diagnostics on PC |
| **MID SEMESTER EXAMINATION (October 11, 2018 to October 17, 2018)** | | | | |
| Week 12 | October 20, 2018 | October 27, 2018 | | Types of displays and other peripheral devices. |
| Week 13 | October 29, 2018 | November 3, 2018 | | Installing software; Functional description of various Internal and External cards; Viruses: Types of Computer Viruses, Detection of Viruses, Protection from Viruses. |
| Week 14 | November 5, 2018 | November 10, 2018 | | Polymorphism :Definition, types, Function overloading, Operator Overloading, Virtual functions and pure virtual functions. |
| Week 15 | November 12, 2018 | November 17, 2018 | | Programs related to inheritance. |
| Week 16 | November 19, 2018 | November 22, 2018 | | Revision |
| Week 17 | November 26, 2018 | December 1, 2018 | | Test |