**SARDAR VALLABHBHAI PAEL INSTITUTE OF TECHNOLOGY, VASAD**

**INFORMATION TECHNOLOGY DEPARTMENT**

**OOPC (2140705)**

**ASSIGNMENT 1**

Unit 1.

1. List basic concepts of oop
2. Write the applicationsof oop

Unit 2

1. Define namespace
2. Explain enum

Unit 3

1. Explain default argument
2. What is call by reference and return by reference
3. Explain inline function

Unit 4

1. What is static data member and member function?
2. List types of constructor.
3. What are the types of type casting?
4. What is operator overloading?
5. What is destructor

**Assignment 2**

Unit 5

1. List types of inheritance.
2. What is overriding?
3. What is virtual base class?

Unit 6

1. What is this pointer?
2. What is polymorphism?

Unit 7

1. What are the manipulators?
2. Explain file modes.

Unit 8

1. What is template?
2. How to implement user define exception?

**Submission Date:**

**SY I T 1 & 2:**

**7th April 2018**

**OOPC Lecture**