

# **Bhagwan Mahavir College of Engineering and Tech.,Surat**

## **Object Oriented Programming using JAVA (2150704)**

### **Assignment 1**

1. Explain feature of JAVA.
2. Differentiate between Method Overloading and Method Overriding.
3. Write a program that creates and initializes a four integer element array. calculate and display the average of its values.
4. Explain class and object.
5. What it constructor and types of Constructor.
6. Explain types of Array.
7. Explain String and StingBuffer.
8. Explain Garbage Collection.
9. Explain inheritance.
10. Explain Interface with Example.
11. Explain Aggregation and Association.
12. Explain metadata with example.
13. Explain Activity Daigram with example.
14. Explain Sequence Daigram with example.
15. Explain costructor Overloading.
16. Draw a class daigram for ATM.
17. Draw use case daigram for library management system.
18. Explain multitreading with example.