# PTES

**Pune Cambridge Institute of Management & Computer Application, Pune**

**Department of MCA**

# Academic year: 2023-24 Session: I

**Subject: IT11L– Java Programming Lab Year: I Semester: -I**

**Lab Assignment 3**

Date of Submission: / /2023

1. Write a program to implement method overloading.
2. Write a program to implement static variable and static method.
3. Write a program to implement **‘this’** keyword.
4. Write separate programs to implement Single, multilevel and Hierarchical inheritance.
5. Write a program to implement method overloading.
6. Create an abstract class pen with methods write () and refill () as abstract methods. Use the PEN class with additional method change\_Nib ()