**Vivekanand Education Society’s Institute Of Technology**

**Department Of Information Technology**

**2020-2021**

**Name of the Course: Java Lab**

**Year/Sem/Class:** ​S.E.(INFT)­ Sem III (D10A)

**Faculty In charge :** ​Mrs. Dimple Bohra

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| **Sr. No.** | **Lab Experiments** |
| **1** | Implement JAVA programs based on the concept of classes, objects and control structures. |
| **2** | Implement Java programs to illustrate the concept of classes, objects, constructor, method overloading and array of objects. |
| 3 | Implement the concept of recursion |
| **4** | Implementation of Inheritance |
| **5** | Program based on usage of Final variable |
| **6** | Program to illustrate the concept of Interface |
| 7 | Lab assignment based on packages |
| **8** | Java program to create user defined exception. |
| **9** | Java program to demonstrate the concept of multithreading and synchronization |
| **10** | Java program to implement AWT components |
| **11** | Java program to illustrate the usage of built in layout manager |
| **12** | Java program to implement swing components |
|  | **2 Programming Assignments** |