Sardar Vallabhbhai Patel Institute of Technology, Vasad
Computer Engineering Department
Mid Sem Exam - II (2021-22)
Syllabus

Subject Name : Object Oriented Programming – I
Subject Code : 3140705

Sr.#	Syllabus Content (Topics)

1   **Exception Handling, I/O, abstract classes and interfaces:**

Exception types, finally clause, rethrowing Exceptions, chained exceptions, defining custom exception classes, file class and its input and output, Reading data from web, Abstract classes, interfaces, Comparable and Cloneabal interface.

2   **JAVAFX basics and Event-driven programming and animations:**

Basic structure of JAVAFX program, Panes, UI control and shapes, Property binding, the Color and the Font class, the Image and Image-View class, layout panes and shapes, Events and Events sources, Registering Handlers and Handling Events, Inner classes, anonymous inner class handlers, mouse and key events, listeners for observable objects, animation

3   **JAVAFX UI controls and multimedia:**

Labeled and Label, button, Checkbox, RadioButton, Textfield, TextArea, Combo Box, ListView, Scrollbar, Slider, Video and Audio.