S.No.	Lab Name	Class Name	Block	Faculty Incharge	Lab Technical Staff	Room Number
1	**Software Engineering Lab**	II Year (IT-B)	E	Ms. Sakshi Malhotra	Mr. Kapil Nagar	208B

S.No.	Lab Name	Software	Hardware Configuration	Description
1	**Software Engineering Lab**	• Windows 10 • Ms Office • Turbo C++ • Java • Python • Prolog	Intel(R) Core(TM) i5-2400 CPU @ 3.10GHz	This lab aims to teach students the fundamentals of a variety of subjects, such as requirements evaluation, ER modelling, domain class identification, use-case diagrams, and test suite creation.

Exp. No.	Name of Experiment
1	Prepare a SRS document in line with the IEEE recommended standards.
2	Draw the use case diagram and specify the role of each of the actors. Also state the precondition, post condition and function of each use case
3	Draw the activity diagram.
4	Identify the classes. Classify them as weak and strong classes and draw the class diagram.
5	Draw the sequence diagram for any two scenarios.
6	Draw the collaboration diagram.
7	Draw the state chart diagram.
8	Draw the component diagram
9	Perform forward engineering in java. (Model to code conversion)
10	Perform reverse engineering in java. (Code to Model conversion)
11	Draw the deployment diagram.