B. Sc. Sem.II
Practical FOR Physics Multidisciplinary (PH-MDC-1(P))

No	Experiment
1	To determine gravitational acceleration (g) using simple pendulum.
2	To determine height of ceiling using simple pendulum.
3	To determine gravitational acceleration (g) with the help of free fall of a body.
4	To determine height with the help of free fall of a body.
5	To determine force of static friction and coefficient of static friction.
6	To determine force of rolling friction and coefficient of rolling friction.
7	To verify the law of conservation of linear momentum.
8	To verify the law of conservation of kinetic energy.
9	To study projectile motion.
10	Project work regarding Newton's laws of motion.

Reference books:

1. Concepts of Physics part 1 by H.C.Verma (second reprint addition 2020)
2. Physics by Halliday, Resnick and Krane volume 1 (Fifth addition)