B.Sc. Semester-I

Practical: PH-MDC-1 (P)

Sr. No.	Experiment
1	Determine volume of the given slab using calipers
2	Determine volume of the small sphere using micrometer screw gauge
3	Determine radius of curvature using spherometer
4	Determine density of the given sphere using micrometer screw gauge & weighting balance
5	Determine area of cross-section of hollow cylinder using Vernier calipers
6	Calculating area of irregular shaped surfaces.
7	Vector addition practical : find the weight of given body using parallelogram law
8	Estimation of error in measurements.
9	Significant digits and rounding off of numbers.
10	Project work

ReferenceBooks

1. D.C.Tayal, University Practical physics, Edited by IlaAgarwal,Himalayan Publishing House
2. B. L. Worsnop and H. T. Flint, Advanced Practical Physics, Asia Publishing House, New Delhi.
3. P. Khandelwal, A Laboratory Manual of Physics for Undergraduate Classes, Vani Publication House, New Delhi.
4. GeetaSanon, BSc Practical Physics, 1st Ed. (2007), R. Chand & Co.