



Code	Subject Title	Cr. Hrs	Semester
PHY-306	Physics Lab-III (Modern Physics)	4	V
Year	Discipline		
3	Physics		

1. Determining the specific Heat of Solids
 2. To determine the characteristic of G. M. tube and measure the range and maximum energy of β particles.
 3. Characteristics of G.M. counter and study of fluctuations in random process.
 4. Determining velocity of viscous fluids using a falling-ball viscometer.
 5. Determining the specific heats of solids.
 6. Measuring magnetic field of (i) a straight conductor and (ii) a pair of coils in the Helmholtz configuration.
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