

PHY-102	Physics (Sessional-I)	1.0	2.0
	<p>Determination of Young's modulus for the material of a wire using searle's apparatus; Determination of modulus of rigidity of a wire (Dynamical method); Determination of surface tension of mercury and the angle of contact (Quinck's method); Determination of coefficient of viscosity of glycerin using stoke's law; Determination of mechanical equivalent of heat 'J' by electrical method; Determination of the radius of curvature of a lens (Newton's ring experiment); Determination of the thermal conductivity of a bad conductor by Lee's method; Determination of the frequency of a turning fork by Melde's experiment; Determination of the specific rotation of sugar solution by means of a polarimeter; Calibration of a thermo-couple Thermometer and hence to measure an unknown temperature.</p>		