

Week		Topics
5	Chapter-II Elasticity	Basant Panchami
		Elasticity, Stress and Strain
		Hook's law Elastic constant and their relations
		Sunday
6	Chapter-II Elasticity	Poisson's ratio, Torsion of cylinder and twisting couple Torsion of cylinder and twisting couple contd..
		<i>Numerical and Problems</i>
		Determination of coefficient of modulus of rigidity for the material of wire by Maxwell's needle
		Sunday
7	Chapter-II Elasticity	Review Cantilever and Centrally loaded beam <i>Numerical and Problems</i>
		Bending of beam (Bending moment and its magnitude) <i>Numerical and Problems</i>
		Determination of Young's modulus for the material of the beam
		Sunday
8	Chapter-II Elasticity	Elastic constants for the material of the wire by Searle's method
		Shivratri
		Revision / Problems
		Sunday
9	Chapter-II Kinetic theory of gases-I	Assignment – 1
		Assumption of Kinetic theory of gases
		Numerical Problems