

Week		Topics
5	<b>Chapter-II</b> <b>[Crystalline</b> <b>Structure-II]</b>	Basant Panchami
		Assignment - I
		Introduction, X-ray Diffraction
		Sunday
6	<b>Chapter-II</b> <b>[Crystalline</b> <b>Structure-II]</b>	Bragg' Law
		Experimental X-ray diffraction methods
		Experimental X-ray diffraction methods
		<b>Sunday</b>
7	<b>Chapter-II</b> <b>[Crystalline</b> <b>Structure-II]</b>	Reciprocal lattice and its physical significance
		Reciprocal lattice vectors
		Properties of Reciprocal lattice vectors
		<b>Sunday</b>
8	<b>Chapter-II</b> <b>[Crystalline</b> <b>Structure-II]</b>	Reciprocal lattice to a simple cubic lattice and body centered cubic lattice
		Shivratri
		Revision / Problems
		<b>Sunday</b>
9	<b>Chapter-II</b> <b>[Crystalline</b> <b>Structure-II]</b>	Reciprocal lattice to a face centered cubic lattice.
		Assignment - II
		Assignment – II Numerical Problems