

Week		Topics
10	Chapter-III [Superconductivity]	Historical introduction, Survey of superconductivity
		Superconducting systems, High T_c superconductors, Isotope effect
		Critical magnetic field, Meissner effect, classification of superconductors
		Sunday
11	Chapter-III [Superconductivity]	Holi holiday
		Holi holiday
		Holi holiday
		Sunday
12	Chapter-III [Superconductivity]	London theory and Pippards' equation.
		BCS theory and flux quantization
		Josephson's effect (AC and DC)
		Sunday
13	Chapter-III [Superconductivity]	Power application of superconductors
		Practical application of super conductivity and their limitation
		Introduction, definition, length scale, importance of nano-scale and technology Assignment-II