



Expert Institute for IIT-JEE & NEET

<b>PHYSICS LECTURE PLAN : CHAMPION COURSE</b>		
<b>S.No.</b>	<b>Topic</b>	<b>No. of lecture</b>
1.	Unit & Dimension, Vector, Basic Maths	20
2.	Kinematics	25
3.	Newton's law of motion & Friction	11
4.	Circular motion & Work, Power, Energy	10
5.	Centre of mass, Momentum & Collision	12
6.	Rotational Dynamics	15
7.	Fluid mechanics & Elasticity	13
8.	Thermal physics	16
9.	Simple Harmonic Motion	6
10.	Mechanical waves	12
11.	Errors in measurements (basic)	2
<b>INORGANIC &amp; PHYSICAL CHEMISTRY LECTURE PLAN : CHAMPION COURSE</b>		
<b>S.No.</b>	<b>Topic</b>	<b>No. of lecture</b>
1.	Mole Concept	10
2.	Atomic Structure	8
3.	General chemistry and periodic properties	8
4.	Chemical bonding part-1	12
5.	Gaseous State	10
6.	Redox and equivalent concept	8
7.	Chemical Equilibrium	6
8.	Ionic Equilibrium	12
9.	Thermodynamics and Thermochemistry	5
10.	Chemical Bonding part-2	12
11.	Hydrogen and its compounds	3
12.	s-Block elements	4
13.	p-Block(13 <sup>th</sup> and 14 <sup>th</sup> group)	3
<b>ORGANIC CHEMISTRY LECTURE PLAN : CHAMPION COURSE</b>		
<b>S.No.</b>	<b>Topic</b>	<b>No. of lecture</b>

1.	IUPAC Naming	12
2.	General Organic Chemistry	20
3.	Isomerism	25
4.	Basics of Organic Chemistry mechanisms	5
5.	Hydrocarbon	20

**BIOLOGY (ZOOLOGY) LECTURE PLAN : CHAMPION COURSE**

S.No.	Topic	No. of lecture
1.	Animal Kingdom	18
2.	Structural Organization of animals	10
3.	Biomolecules	8
4.	Digestion & absorption	10
5.	Breathing & Exchange of gases	6
6.	Body fluid & Circulation	9
7.	Excretory products & their Elimination	6
8.	Locomotion & Movement	9
9.	Neural control & Coordination	9
10.	Chemical Coordination & Integration	8

**BIOLOGY (BOTANY) LECTURE PLAN : CHAMPION COURSE**

S.No.	Topic	No. of lecture
1.	The Living World	2
2.	Biological Classification	8
3.	Plant Kingdom	7
4.	Morphology of Flowering Plant	8
5.	Anatomy of Flowering Plant	8
6.	The Unit of Life	8
7.	Cell Cycle & Cell Division	3
8.	Transport in Plants	8
9.	Mineral Nutrition	4
10.	Photosynthesis in Plants	9
11.	Respiration	5
12.	Plant Growth & Development	6