

## Lecture Plan & Sequence\_Droppers

### INORGANIC CHEMISTRY

S.NO.	Chapter Name	Total Lectures
1	Periodic Table	5
2	Chemical Bonding	13
3	Coordination Compound	9
4	S-Block Element	4
5	P-Block Element (13 & 14 Group)	4
6	P-Block Element (15 & 18 Group)	6
7	D & F - Block Element	3
8	Metallurgy	3

### PHYSICAL CHEMISTRY

	Chapter Name	Total Lectures
1	Mole Concept	6
2	Atomic Structure	6
3	Redox Reaction	4
4	Liquid Solution	6
5	Chemical Kinetics	6
6	Chemical Equilibrium	5
7	Ionic Equilibrium	7
8	Gaseous State	7
9	Thermodynamics	8
10	Thermochemistry	3
11	Electrochemistry	8
12	Solid State	5
13	Surface Chemistry	3

### ORGANIC CHEMISTRY

	Chapter Name	Total Lectures
1	IUPAC	3
2	GOC	6
3	Isomerism	6
4	Basics of Organic Chemistry Mechanisms, Hydrocarbon	6
5	Haloalkanes, Haloalkenes, Alcohol and Ether	6
6	Grignard Reagent	2
7	Oxidation Reduction	2
8	Aldehyde, Ketone and Carboxylic acid	6
9	Carbenes and nitrenes	2
10	Aromatic Chemistry	5
11	Biomolecules	4
12	Polymer	2
13	POC	3
14	Chemistry in Everyday Life	2

**MATHEMATICS**

Chapter Name		Total Lectures
1	Quadratic Equation	4
2	Compound Angle	5
3	Sequence & Series	7
4	Function	9
5	ITF	5
6	Limits	5
7	Continuity & Differentiability	5
8	MOD	3
9	AOD	11
10	Matrix and Determinant	7
11	Indefinite Integration	6
12	Definite Integration	6
13	Area Under Curve	2
14	Differential Equation	5
15	Vector	4
16	3D	5
17	Binomial Theorem	5
18	Permutation & Combination	8
19	Probability	5
20	Straight Line	8
21	Circle	7
22	Parabola	6
23	Ellipse	3
24	Hyperbola	4
25	Complex Number	7
26	Trigonometric Equation	2
27	SOT	6
28	Set & Relation	3
29	Mathematical Reasoning	2
30	Statistics	2

**PHYSICS**

Chapter Name		Total Lectures
1	Vectors	1
2	Kinematics	4
3	NLM	6
4	Friction	3
5	Work, Power & Energy	7
6	Circular Motion	4
7	Centre of Mass	7
8	Rigid Body Dynamics	8
9	Simple Harmonic Motion	5
10	Fluid	7
11	String waves	5
12	Sound Waves	5
13	KTG & Thermodynamics	8
14	Calorimetry	1
15	Thermal Expansion	1
16	Geometrical Optics	10
17	Electrostatics	10

18	Gravitation	3
19	Current Electricity	10
20	HEAT TRANSFER	4
21	Capacitance	5
22	Magnetic effects of Current	6
23	MAGNETISM	3
24	EMI	8
25	Alternating Current	5
26	Modern Physics-I	4
27	Nuclear Physics	2
28	Wave Optics	4
29	Semiconductor	4
30	Principles of Communication	1
31	Electromagnetic Waves	1
32	U & D and Errors	2