

PHYSICS LECTURE PLAN : EKALAVYA 3.0 COURSE NEET-2021		
S.No.	Topic	No. of lecture
1.	Kinematics	5
2.	Newton's Law, Force and Friction	6
3.	Circular motion, Work, Power & Energy	7
4.	Centre of mass, Momentum & Collision	6
5.	Rotational Dynamics	10
6.	Simple Harmonic Motion	4
7.	Electrostatics	9
8.	Gravitation	4
9.	Current Electricity	5
10.	Capacitance	5
11.	Magnetic Effect of Current	9
12.	Electromagnetic Induction & AC	8
13.	Mechanical Waves	8
14.	Geometrical Optics	8
15.	Electromagnetic Waves & Wave Optics	5
16.	Modern Physics	5
17.	Fluid Mechanics	8
18.	Thermal Physics	8
19.	Semiconductor & Communication System	3
20.	Errors in measurements & Instruments	1
21.	Experiments & Instruments	1
INORGANIC & PHYSICAL CHEMISTRY LECTURE PLAN : EKALAVYA 3.0 COURSE NEET-2021		
S.No.	Topic	No. of lecture
1.	Mole Concept	6
2.	Atomic Structure	7
3.	General chemistry and periodic table	4
4.	Chemical Bonding	20
5.	Gaseous state	9
6.	Redox reactions	4
7.	Chemical Equilibrium	3
8.	Ionic Equilibrium	8
9.	Thermodynamics & Thermochemistry	14
10.	Chemical kinetics	8
11.	Electrochemistry	10
12.	Liquid solution	6
13.	Solid State	6
14.	Surface Chemistry	6
15.	Coordination Compound	10
16.	Metallurgy	5

17.	Types of reactions	8
18.	Types of reactions	8
19.	Block Chemistry	16
20.	Environmental chemistry	2

ORGANIC CHEMISTRY LECTURE PLAN : EKALAVYA 3.0 COURSE NEET-2021

S.No.	Topic	No. of lecture
1.	IUPAC Naming	6
2.	General Organic Chemistry	15
3.	Isomerism	15
4.	Hydrocarbon	15
5.	Alkyl halide & Alcohol, Ether	15
6.	Grignard Reagent	4
7.	Oxidation & Reduction	3
8.	Aldehyde, Ketone and Carboxylic acid	7
9.	Amines	3
10.	Biomolecules & Polymers	6
11.	Aromatic Chemistry	8
12.	Chemistry in everyday life	4

BIOLOGY LECTURE PLAN : EKALAVYA 3.0 COURSE NEET-2021

S.No.	Topic	No. of lecture
1	Digestion & absorption	9
2	Breathing & Exchange of gases	7
3	Locomotion & Movement	8
4	Excretory products & their Elimination	6
5	Animal Kingdom	16
6	Structural Organization of animals	8
7	The Unit of Life	7
8	Cell Cycle & Cell Division	3
9	Photosynthesis in Plants	8
10	Respiration	5
11	Plant Growth & Development	6
12	Principles of inheritance & variations	9
13	Biotechnology Principle	7
14	Biotech Application	4
15	Evolution	8
16	Organisms & Population	6
17	Ecosystem	4
18	Biodiversity & Conservation	2
19	Environmental Issues	2

BIOLOGY LECTURE PLAN : EKALAVYA 3.0 COURSE NEET-2021

S.No.	Topic	No. of lecture
1	Nervous System	15
2	Endocrine System	12
3	Body fluid & Circulation	12

4	Human reproduction	14
5	Human Reproductive Health	4
6	Human Health & Diseases	14
7	Reproduction in organisms	3
8	Sexual Reproduction in flowering plant	14
9	The Living World	4
10	Biological Classification	8
11	Plant Kingdom	12
12	Morphology of Flowering Plant	14
13	Biomolecules	10
14	Biomolecules	12
15	Mineral Nutrition	6