# JIPMER Syllabus

# Physics

Study all topics taught in class 11 and 12 in Physics. This includes Electrostatics, Magnetic Effect of Current & Magnetism, Current Electricity, Electronic Devices, Optics, Electromagnetic Waves, Dual Nature of Matter, Atoms & Nuclei, Electromagnetic Induction & Alternating Current and Communication Systems.

# Chemistry

Study all topics taught in class 11 and 12 in Chemistry. This includes Solid State, Solutions, Electro- Chemistry, Surface Chemistry, Haloalkanes and Haloarenes, Alcohols, Phenols and Ethers, Chemical Kinetics, Coordination Compounds, Aldehyde, Ketone and Carboxylic Acids, Isolation of Elements, Biomolecules, p-Block Elements, Polymers, d- and f-Block Elements, Organic Compounds containing Nitrogen and Chemistry in Everyday Life.

# Biology

Study all topics taught in class 11 and 12 in Botany and Zoology. This includes Biology are Diversity of Living Organisms, Cell Structure and Function, Human Physiology, Biology and Human Welfare, Genetics and Evolution, Plant Physiology, Ecology and Environment, Structural Organization in Animals and Plants and Biotechnology.

# English

There will be the topics such as Reading Unseen Passages and Note-making, Writing Skills, and Literature and Long Reading Text.