

## **VTSE Class 12<sup>th</sup> Non medical / medical**

**Physics** - Electrostatics, Current Electricity, Magnetic Effects of Current and Magnetism, Electromagnetic Induction and Alternating Currents, Electromagnetic Waves, Optics, Dual Nature of Radiation and Matter, Atoms and Nuclei, Electronic Devices

**Chemistry**- Solutions, Electrochemistry, Chemical Kinetics, d -and f - Block Elements, Coordination Compounds, Haloalkanes and Haloarenes, Alcohols, Phenols and Ethers, Aldehydes, Ketones and Carboxylic Acids, Amines, Biomolecules

**Maths** - Relations and Functions, Algebra, Calculus, Vectors and Three - Dimensional Geometry, Linear Programming, Probability

**Biology** - Reproduction, Genetics and Evolution, Biology and Human Welfare, Biotechnology and its Applications, Ecology and Environment