

Revised syllabus of NEET - 2024

Physics

Removed Topics	Newly Added Topics
Gravitation	
* Geostationary satellites	
Mechanical Properties of Solids	
* Poisson's Ratio	
Mechanical, Properties of Fluids	Mechanical, Properties of Fluids
* Reynold's number	* Pressure due to fluid column, Pascal's Law and its application, Effect of gravity on fluid pressure
Thermal Properties of Matter	Electromagnetic waves
* Qualitative ideas of Black Body Radiation, Wein's displacement law, and Green House effect. * Newton's law of cooling and Stefan's law.	* Application of EM Wave
Oscillations	
* free, forced and damped oscillations (qualitative ideas only), resonance.	
Waves	
* Doppler effect	
Electrostatic Potential And Capacitance	
* Van de Graaff generator	
Current Electricity	
* Carbon resistors, color code for carbon resistors * Potentiometer-principle and applications to measure potential difference, and for comparing emf of two cells; measurement of internal resistance of a cell.	
Moving Charges and Magnetism	
* Oersted's experiment * Toroidal solenoids, Cyclotron	
Magnetism and Matter	
* Magnetic dipole moment of a revolving electron. * Earth's magnetic field and magnetic elements.	
Alternating Current	
* LC oscillations (qualitative treatment only)	
Ray Optics and Optical Instruments	
* Optical fibres * Dispersion of light through a prism. * Human eye, image formation and accommodation, correction of eye defects (myopia and hypermetropia) using lenses.	

Removed Topics	Newly Added Topics
Wave Optics	
* Resolving power of microscopes and astronomical telescopes.	
Dual Nature of Radiation and Matter	
* Davisson-Germer experiment (experimental details should be omitted; only conclusion should be explained).	
Nuclei	
* isotopes, isobars; isotones. * Radioactivity- alpha, beta and gamma particles/ rays and their properties decay law.	
Semiconductor Electronics: Materials, Devices and Simple Circuits	
* Energy bands in solids (qualitative ideas only), conductors, insulators * Junction transistor, transistor action, characteristics of a transistor; transistor as an amplifier (common emitter configuration) and oscillator. Transistor as a switch.	

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Chemistry

Removed Topics	Newly Added Topics
Class - XI	
States of Matter	Principles Related to Practical Chemistry
Hydrogen	
s-Block Elements	
Environmental Chemistry	
Class - XII	
The Solid State	
Surface Chemistry	
General Principles and Processes of Isolation of Elements	
Chemistry in Everyday Life	
Polymer	

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Botany

Removed Topics	Newly Added Topics
Class - XI	
Mineral Nutrition	Morphology - Family
Transport in Plants	Malvaceae
	Cruciferae
	Compositae
	Graminae
Class - XII	
Reproduction in Organism	
Strategies for Enhancement in Crop production	
Environmental Issues	

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Zoology

Removed Topics	Newly Added Topics
Class - XI	
Digestion and Absorption	Frog
Reflex action; Sense organs; Elementary structure and function of eye and ear.	
Class - XII	
Strategies for Enhancement in Crop production (Animal Husbandry	