### CBSE Class 11 Physics Syllabus Deleted Portion for 2020-21

**DELETED PORTION**

**PHYSICS - 042**

**CLASS XI**

<table>
<thead>
<tr>
<th>Topics</th>
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| **Chapter–1: Physical World**  
Physics-scope and excitement; nature of physical laws; Physics, technology and society  
(To be discussed as a part of Introduction and integrated with other topics) |
| **Chapter-3 : Motion in a straight line**  
Frame of reference, Motion in a straight line: Position-time graph, speed and velocity |
| **Chapter-5 Laws of Motion**  
Intuitive concept of force, Inertia, Newton's first law of motion; momentum and Newton’s second law of motion; impulse; Newton's third law of motion |
| **Chapter-7 System of Particles and Rotational Motion**  
Statement of parallel and perpendicular axes theorems and their applications. |
| **Chapter-8 Gravitation**  
Kepler's laws of planetary motion, Acceleration due to gravity |
| **Chapter-9 Mechanical Properties of Solids**  
Elastic behaviour, shear modulus of rigidity, Poisson's ratio; elastic energy. |
| **Chapter-11 Thermal properties matter**  
Heat, temperature, Heat transfer-conduction, convection and radiation |
| **Chapter-12 Thermodynamics**  
Heat engine and refrigerator. |
| **Chapter-15 Waves**  
Fundamental mode and harmonics, Doppler effect. |

**Practicals:** No investigatory project and Activity to be demonstrated

8 experiments (clubbed based on skills) in place of 12