

SYLLABUS FOR ADMISSION TEST

Syllabus for admission test includes chapters from both class IX and Class X. Following is the detailed syllabus for the test.

Engineering Stream

	Physics	Chemistry	Mathematics
Class IX Topics	<ul style="list-style-type: none"> • Motion • Force and Laws of Motion • Gravitation • Work and Energy • Sound • Natural Resources 	<ul style="list-style-type: none"> • Matter in Our Surroundings • Is Matter Around Us Pure • Atoms and Molecules • Structure of the Atom 	<ul style="list-style-type: none"> • Number System • Polynomials • Coordinate Geometry • Linear Equations in Two Variables • Triangles • Quadrilaterals • Areas of Parallelograms and Triangles • Circles • Areas Related to Circles • Surface Area and Volume • Statistics
Class X Topics	<ul style="list-style-type: none"> • Light-Reflection and Refraction • Human Eye and Colourful World • Electricity • Magnetic Effects of Electric Current • Sources of Energy 	<ul style="list-style-type: none"> • Chemical Reactions and Equations • Acids, Bases, and Salts • Metals and Non-metals • Carbon and its Compounds • Periodic Classification of Elements 	<ul style="list-style-type: none"> • Real Number • Polynomials • Pair of Linear Equations in two variables • Quadratic Equations • Arithmetic Progressions • Triangles • Coordinate Geometry • Introduction to Trigonometry • Some Applications of trigonometry • Circles • Areas Related to Circles • Surface Area and Volume • Statistics

Medical Stream

	Physics	Chemistry	Biology
Class IX Topics	<ul style="list-style-type: none"> • Motion • Force and Laws of Motion • Gravitation • Work and Energy • Sound • Natural Resources 	<ul style="list-style-type: none"> • Matter in Our Surroundings • Is Matter Around Us Pure • Atoms and Molecules • Structure of the Atom 	<ul style="list-style-type: none"> • The Fundamental Unit of Life • Tissues • Diversity in Living Organisms
Class X Topics	<ul style="list-style-type: none"> • Light-Reflection and Refraction • Human Eye and Colourful World • Electricity • Magnetic Effects of Electric Current • Sources of Energy 	<ul style="list-style-type: none"> • Chemical Reactions and Equations • Acids, Bases, and Salts • Metals and Non-metals • Carbon and its Compounds • Periodic Classification of Elements 	<ul style="list-style-type: none"> • Life Processes • Control and Coordination • How do Organisms Reproduce • Heredity and Evolution