ST. JOSEPH'S CONVENT HIGH SCHOOL, CBSE – CHITTARANJAN

Syllabus Details

Session– 2024-25   **Subject – MATHS**

Class – IX   **For Exam – P. T. I**

Books Recommended: 1. N.C.E.R.T.

2. R. S. AGGARWAL

3. R. D. SHARMA

MONTH	BOOKS / SECTION	LESSON(S) / TOPIC(S)	SUGGESTED ACTIVITIES & PROJECTS
APRIL	❖ **Number System.** ❖ **Polynomials.**	❖ **Rational Number** ❖ **Natural Number** ❖ **Whole Number** ❖ **Insertion of rational numbers between two rational number and irrational number** ❖ **Representation of irrational number on a number line.** ❖ **Types of decimal number.** ❖ **Properties of irrational number.** ❖ **Rationalization.** ❖ **Define Polynomial.** ❖ **Degree of polynomial.** ❖ **Types of polynomial.** ❖ **Value of polynomial.**	❖ **Construct a square root spiral on the number line. (Do in lab manual notebook or in 1/4th size chart paper)**

MAY	❖ **Polynomials.**	❖ **Remainder theorem.** ❖ **Factor theorem.**	❖ **Summer vacation project: Proof the algebraic identity of (a-b)²1/4ᵗʰ size chart paper.**