

Module No.	Syllabus
<p><b>Resource Book for Non-Routine Mathematics Module - 1</b></p>	<p><b>Algebra</b> Operations on rational numbers, Polynomials and their zeroes, Quadratic equation, Miscellaneous equations, Arithmetic ratios, Logarithms, Sequence and series, Exponentials and radicals, Basics of statistics</p> <p><b>Number System</b> Prime decomposition, Divisibility test and cyclicity, Number theory, Surds, Congruence of integers, Perfect square numbers, <math>[x]</math> and <math>\{x\}</math></p> <p><b>Counting</b> Permutations, Combinations, Counting factors</p>
<p><b>Resource Book for Non-Routine Mathematics Module - 2</b></p>	<p><b>Geometry</b> (Triangle Geometry, Circle Geometry, Polygons)</p> <p><b>Inequalities</b></p> <p><b>Practice Problems</b> (Practice problem - 1, Practice problem - 2)</p> <p><b>Previous Year Papers</b> (From PreRMO 2012 to 2018)</p>
<p><b>Module - 3</b></p>	<p><b>Solution of Module - 1 &amp; Module - 2</b></p>