

# List of Trigonometry Topics in TS EAMCET 2025

**Trigonometric Ratios upto Transformations** - Trigonometric ratios - variation - Graphs and Periodicity - Trigonometric ratios of Compound angles - Trigonometric ratios of multiple and sub-multiple angles - Sum and Product of transformations.

**Trigonometric Equations** - General Solution of Trigonometric Equations - Simple Trigonometric Equations – Solutions.

**Inverse Trigonometric Functions** - To reduce a Trigonometric Function into a bijective function - Graphs of Inverse Trigonometric Functions - Properties of Inverse Trigonometric Functions.

**Hyperbolic Functions** - Definition of Hyperbolic Functions - Graphs - Definition of Inverse Hyperbolic Functions - Graphs - Addition formulae of Hyperbolic Functions.

**Properties of Triangles** - Relation between the sides and angles of a Triangle - Sine, Cosine, Tangent and Projection rules - Half angle formulae and areas of a triangle - Incircle and Excircle of a Triangle.

