

# List of Trigonometry Topics in TS EAMCET 2025

**Trigonometric Ratios up to Transformations:** Trigonometric ratios - variation - Graph 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 Function - Graphs - Definition of Inverse Hyperbolic Functions - Graphs - Addition formulae of Hyperbolic Functions

**Properties of Triangles:** Relation between 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