

TS EAMCET 2025 Vector Algebra Topics

Basic Concepts: Position Vector, Direction Cosines

Types of Vectors: Zero Vector, Unit Vector, Coinitial Vectors, Collinear Vectors, Equal Vectors, Negative of a Vector

Addition of Vectors: Addition of vectors, Properties of vector addition

Multiplication of Vector by Scalar: Components of a vector, Vector joining two points, Section formula

Product of Two Vectors: Scalar (or dot) product of two vectors, Projection of a vector on a line, Vector (or cross) product of two vectors