

SYLLABUS :-

Roadway Alignment; Geometric Design of Highways: cross-sectional elements, horizontal and vertical alignments; Elements of Traffic Engineering; Introduction to Railways and Airports; Pavement Materials: subgrade soil, aggregates, bituminous and modified binders; Elements of Construction: embankment, soil stabilisation, non-bituminous and bituminous subbase and base courses, bituminous surface courses, concrete pavements; Fundamentals of Pavement Design; Drainage, evaluation and maintenance of highways.