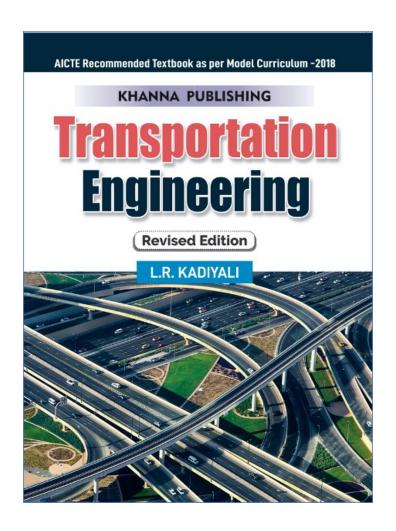
KHANNABOOKS.COM



Transportation Engineering

Author: L.R. Kadiyali

ISBN 13: 978-93-82609-85-8

ISBN 10: 93-82609-85-7

E-ISBN 13: 978-93-82609-85-8

Edition: First

Pages: 408

Type of book : Paperback

Weight (g): 570.00

Year: 2022

Language : English

Publisher: Khanna Publishing House

M.R.P: Rs 399.00

Categories: Mechanical Engineering,

Mechanical Engineering

Condition Type: New

Country Origin: India

Product Description

India's Transport System has several deficiencies such as inadequate capacity, poor safety record, emission of pollutants and outmoded technology. But as the economy is poised for a big growth in the coming years transportation engineers will have to come up with innovative ideas. The book addresses these issues and it is hoped that the engineering students studying transportation engineering will have a clear idea of the problems involved and how they transportation engineering will have a clear idea of the problems involved and how they can be overcome in their professional career. This book has been designed keeping in mind the latest syllabi of all major Indian Universities.



KHANNABOOKS.COM

Table of Contents

SECTION-1: TRANSPORTATION SYSTEMS AND PLANNING

Chapter 1: Introduction.

Chapter 2: Role of Transport in Society.

Chapter 3: Modes of Transport and Criteria for Choice.

Chapter 4: Transport Planning.

SECTION-2: HIGHWAY ENGINEERING

Chapter 5: History of Growth of Highways.

Chapter 6: Development of Roads in India After Independence.

Chapter 7: Geometric Design.

Chapter 8: Surveys, Investigations and Project Preparation.

Chapter 9: Embankment Design and Construction.

Chapter 10: Highway Drainage.

Chapter 11: Cross Drainage Structures.

Chapter 12: Types of Pavements and Factors Governing Pavement Design.

Chapter 13: Design of Flexible Pavement.

Chapter 14: Design of Rigid Pavements.

Chapter 15: Pavement Materials.

Chapter 16: Construction of Pavements.

Chapter 17: Maintenance of Highways.

Chapter 18: Use of Geosynthetics in Highway Engineering.

Chapter 19: Urban Roads.

Chapter 20: Hill Roads.

Chapter 21: Road in Desert Areas.

Chapter 22: Toll Roads.

Chapter 23: Quality Assurance.

Chapter 24: Highway Administration and Finance.

Chapter 25: Traffic Engineering.



KHANNABOOKS.COM

Author

Dr. L. R. Kadiyali is B.E.(Hons.), from Bombay and pursued Ph.D. from Kakatiya University. He has done P.G. diploma in Highway and Traffic Engineering from Newcastle-Upon-Tyne. He is Formerly Chief Engineer, (Roads Wig), Ministry of Road Transport & Highways, New Delhi and Study Director, Road User Coast Study, Central Road Research Institute New Delhi.

