

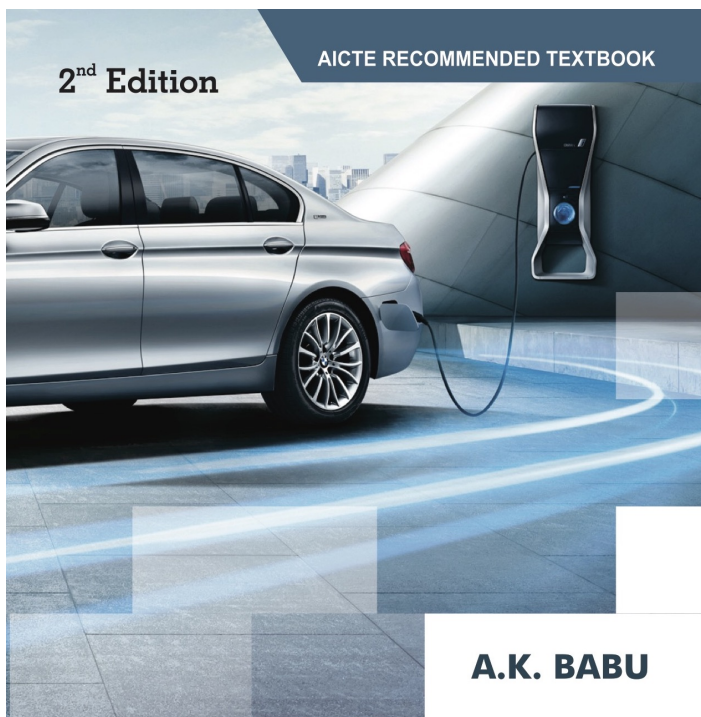
Image not found or type unknown



Khanna Publishing Hose

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: + +91-99109 09320



KHANNA PUBLISHING

Electric and Hybrid Vehicles

Electric & Hybrid Vehicles

Author : A.K. Babu

ISBN 13 : 978-81-95123-15-5

ISBN 10 : 81-95123-15-5

E-ISBN 978-81-95123-15-5
13 :

Edition : Second

Pages : 212

Type of book : Paperback

Year : 2022

Language : English

Publisher : Khanna Publishing House

Price : Rs 149.25

Categories : [Automobile Engineering](#) , [UNIVERSITY RECOMMENDED](#) , [Automobile Engineering](#) , [New Arrivals](#) , [Khanna Publishing House](#)

Condition : New
Type :

Country : India
Origin :

Product Description

This book is written to be easy to read and to meet the critical skill requirements of students studying Automobile Engineering, Mechanical Engineering and Electrical Engineering. The content is organized into 25 easy-to-understand chapters. The fundamentals, electric vehicles (EVs), hybrid electric vehicles (HEVs), and fuel cell vehicles (FCVs) are all covered in this book. It covers the performance, configuration, and control strategy of several electric and hybrid electric vehicles in details. Colleges and technical universities offering core and elective subjects like Electric and hybrid Vehicles and New Generation Vehicles can utilize this course book as a textbook and major reference book.



Khanna Publishing House

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Table of Contents

- 1- Fundamentals of Electricity
- 2-Fundamentals of Electronics
- 3- Electric Vehicle Evolution
- 4- History of Hybrid Vehicles
- 5- Electric Vehicle
- 6-Classification of EVs
- 7- Energy Sources
- 8- Electric Motor
- 9- Control System
- 10- Configurations of Electric Vehicles
- 11-Performance of Electric Vehicles
- 12- Charging
- 13-Indian Electric Vehicles
- 14- Hybrid Vehicles
- 15- Hybridisation
- 16- Drive Configuration of HEVs
- 17-Performance of Hybrid Vehicles
- 18- Fuel Cell Electric Vehicle (FCEV)
- 19- Comparison
- 20- Transmission in EVs
- 21- Hybrid Cars in India
- 22-Steering System for EVs and HEVs
- 23- Suspension System for EVs And HEVs
- 24- Brake System For EVs
- 25- Best Electric and Hybrid Cars.

Author

A.K. Babu

A.K.Babu is working as Associate Professor in the Department of Automobile Engineering, SRM Easwari Engineering College, Chennai, India. He has over 18 years of experience in teaching, research and industry. A.K.Babu, completed his Master Degree in Automobile Engineering from Madras Institute of Technology (M.I.T.), Anna University (1997). He has served in other countries like Malaysia, Ethiopia and Eritrea for more than 5 years. A.K.Babu has published considerable number of research papers in international journals and conferences. His research paper published in SAE Journal of Fuels and Lubricants awarded one the most outstanding papers in the year 2003.



Khanna Publishing House

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: + +91-99109 09320