

CONTENTS

- General Principles of Heat Engine Operation
- Fundamentals of Electricity, Magnetism and Electronics
- Engine Types & Engine Balance
- Constructional Details of Automotive Engines: Structure & Mechanism
- Automotive Engine Lubrication
- Exhaust System
- Engine Cooling System
- Fuels & Fuel Supply System of Spark Ignition Engines
- Process of Combustion in Spark Ignition Engines
- Carburation & Fuel Injection Systems in SI Engines
- Ignition Systems
- Diesel (Compression Ignition-CI) Engine
- Alternate Automotive Engines
- Turbocharging & Supercharging Systems
- IC Engine Testing and Performance
- Storage Battery
- Starting Systems
- Charging System
- Engine Emission Control Systems
- Bibliography • Papers
- Index.