

Springer

1st
edition1st ed. 2021, XV, 403 p.
267 illus., 242 illus. in color.**Printed book**

Hardcover

Printed book

Hardcover

ISBN 978-981-16-1512-2

£ 109,99 | CHF 153,50 | 129,99 € |
142,99 € (A) | 139,09 € (D)

Available

Discount group

Science (SC)

Product category

Monograph

Series

Energy, Environment, and Sustainability

Other renditions

Softcover

ISBN 978-981-16-1514-6

Energy : Fossil Fuels (incl. Carbon Capture)

Singh, A.P., Kumar, D., Agarwal, A.K. (Eds.)

Alternative Fuels and Advanced Combustion Techniques as Sustainable Solutions for Internal Combustion Engines

- Covers all aspects related to alternative fuels in IC engines
- Presents a comparative analyses of different alternative fuels
- Discusses about different strategies of alternative fuel utilization in IC engines

This monograph covers different aspects related to utilization of alternative fuels in internal combustion (IC) engines with a focus on biodiesel, dimethyl ether, alcohols, biogas, etc. The focal point of this book is to present engine combustion, performance and emission characteristics of IC engines fueled by these alternative fuels. A section of this book also covers the potential strategies of utilization of these alternative fuels in an energy efficient manner to reduce the harmful pollutants emitted from IC engines. It presents the comparative analysis of different alternative fuels in a variety of engines to show the appropriate alternative fuel for specific types of engines. This book will prove useful for both researchers as well as energy experts and policy makers.

Order online at [springer.com/book sellers](https://www.springer.com/book sellers)**Springer Nature Customer Service Center GmbH**

Customer Service

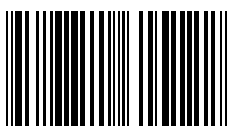
Tiergartenstrasse 15-17

69121 Heidelberg

Germany

T: +49 (0)6221 345-4301

row-booksellers@springernature.com



ISBN 978-981-16-1512-2 / BIC: THF / SPRINGER NATURE: SC114000

Prices and other details are subject to change without notice. All errors and omissions excepted. Americas: Tax will be added where applicable. Canadian residents please add PST, QST or GST. Please add \$5.00 for shipping one book and \$ 1.00 for each additional book. Outside the US and Canada add \$ 10.00 for first book, \$5.00 for each additional book. If an order cannot be fulfilled within 90 days, payment will be refunded upon request. Prices are payable in US currency or its equivalent.

Part of **SPRINGER NATURE**