CATALYSIS

Principles & Basic Concepts

The book *Catalysis: Principles and Basic Concepts* covers a wide range of topics and issues such as heterogeneous, homogeneous, photo-catalysis, bio-catalysis, phase transfer catalysis, energy and environment. Enough importance is given to the quality and stress to each chapter. The materials in this book are presented in a simple and lucid manner so that any science stream person can understand the concepts, role and issues without any difficulty. This book is useful to UG and PG students of chemistry and chemical engineering, researcher and scientists in catalysis, teachers of catalytic stream of chemical sciences including chemists and chemical engineers from industry. One of the most important aspects of energy is to develop method for exploiting, converting, and optimizing energy sources. Catalysis serves as a crosscutting science in this aspect, with the potential to lead and to bring out of the energy crisis. All round efforts are made to include as many as required chapters for the introductory courses and some advance stage level courses on catalysis for chemical sciences. Catalysis is an interdisciplinary subject and required to be flourished to undergraduate and graduate curriculum in chemistry and chemical technology. This book shall help as a suitable text or reference book for such curriculum.

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Website: www.siplind.com

Price 000.00

ISBN 978-93-88716-51-2

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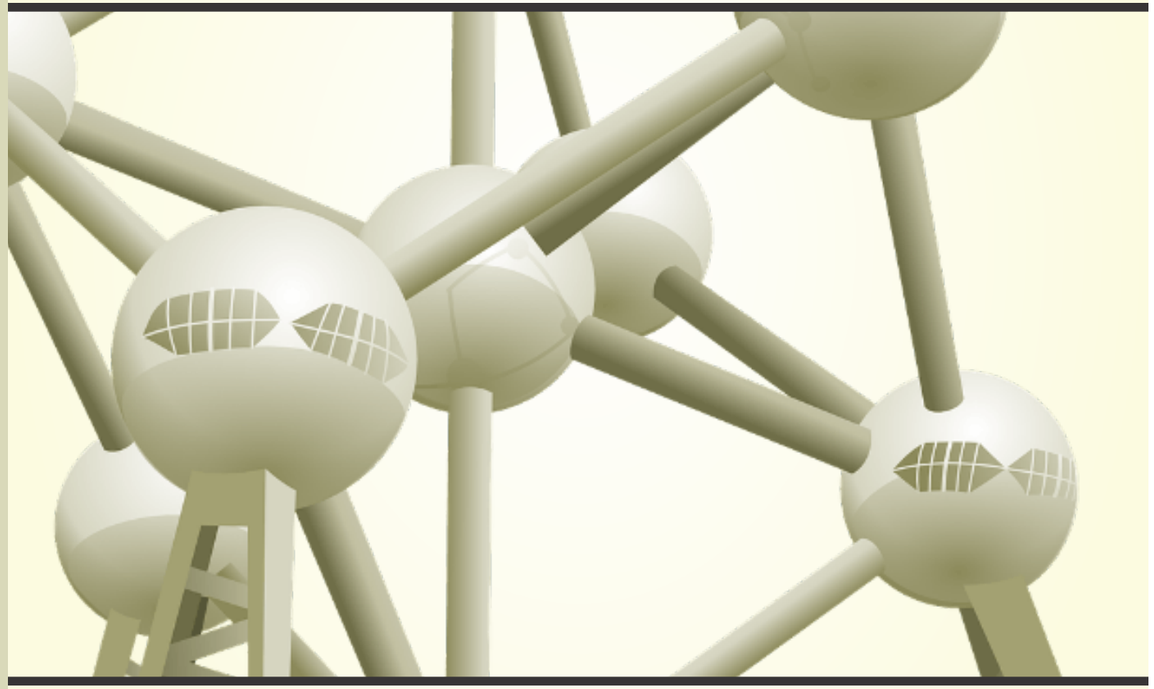

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Scientific International Pvt. Ltd.

First Edition: 2019

ISBN: 978-93-88716-51-2 (PB)
ISBN: 978-93-88716-52-9 (HB)

Published by: Vinod Kumar Jain, Scientific International (Pvt.) Ltd.

Registered Office: • **New Delhi:** 4850/24, Ansari Road, Daryaganj, New Delhi-110002

Branch Offices:
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Printed in India**

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