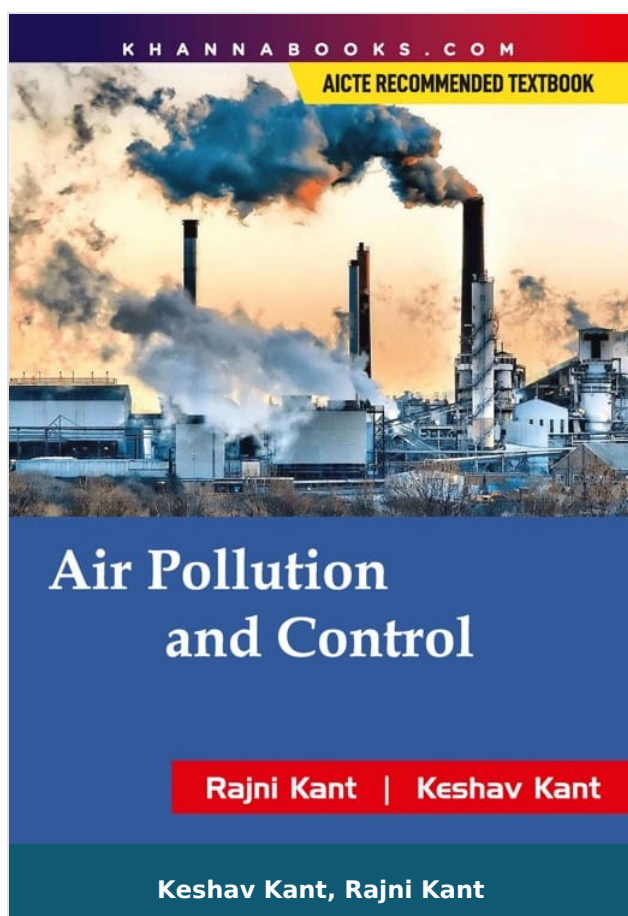




Air Pollution and Control

Author : Keshav Kant, Rajni Kant

ISBN 13 : 978-93-86173-30-0

ISBN 10 : 9386173301

E-ISBN 13 : 978-93-86173-30-0

Edition : First

Pages : 456

Type of book : Physical

Year : 2023

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 450.00

Categories : [UNIVERSITY RECOMMENDED, Civil Engineering, Civil Engineering, Book Store](#)

Condition Type : New

Country Origin : India

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

Product Description

This book provides a fully comprehensive, rigorous and refreshing treatment of 'Air Pollution and Control' covering present day technology and developments. It covers various new topics like bioaerosols or aeroallergens and hazardous air pollutants including diesel exhaust and dioxins.

The book is intended to meet the requirements of (a) Undergraduate and postgraduate students of particularly Environmental and Mechanical Engineering and also other branches of Engineering, (b) Technologists, designers, operation and maintenance engineers of industries, electrical power plants, heat and power utilities, (c) Aspirants for competitive examinations of IAS, IES, IFS, PCS, and aspirants for various state and private technical services, etc. and (d) General readers interested in the field for better understanding and knowledge.

The book is divided into 20 chapters and presents enormous information covering all aspects of Air Pollution in various sectors relevant to Indian conditions. Each of the following chapters is followed by questions at the end based upon the text.

Table Of Contents

- Chapter-1: Introduction
- Chapter-2: Sources of Air Pollution and their Ill-effects
- Chapter-3: Effects of meteorological Conditions on Air Pollution
- Chapter-4: Control of Emission of Suspended Particulate Matter in Coal Fired Thermal power Stations
- Chapter-5: Control of Oxides of Nitrogen in Combustion of Fossil fuels in Power Generation and Industries
- Chapter-6: Control of Emission of Oxides of sulphur by Absorption Systems Internal to Boilers
- Chapter-7: Control of Emission of Oxides of sulphur(SO_x) for Flue Gases of Boilers
- Chapter-8: Air Pollution from Industries and Their Control
- Chapter-9: Air Pollution in Petroleum Refineries
- Chapter-10: Control of Mercury Emission from Thermal Power Stations and Industries
- Chapter-11: Air Pollution by Nuclides / Radioactivity - Safety and Control
- Chapter-12: Air Pollution by Municipal Solid Wastes, Biomedical Wastes and E-Wastes and Their Control
- Chapter-13: Control of Air Pollution from Mobile Sources and Standards Applicable
- Chapter-14: Damage due to Air Pollution to Electronic / Electrical Equipments and protective Measures
- Chapter-15: Emission Limits Imposed by Indian regulations
- Chapter-16: Measurements of Air Pollutants
- Chapter-17: Control of Noise Pollution
- Chapter-18: Control of Odours
- Chapter-19: Environmental Impact Assessment for Projects
- Chapter-20: Miscellaneous Topics

Author

Keshav Kant

Dr. Keshav Kant is a former Professor of Mechanical Engineering, I.I.T. Kanpur, who after superannuation from I.I.T. Kanpur in June 2005, served as professor and Head of Mechanical Engineering Department and later as the Director in a number of Private Engineering Colleges/ Institutes. He has three Monographs, five technical reports, 90 publications to his credit in National and International Journals and Proc. of National and International Conference.

Rajni Kant

Er. Rajni Kant, an Engineering Graduate from BHU in 1954, recieved an extensive training in the works of M/S Hitachi Ltd. Japan and also at large capacity power stations and projects of Georgia Power Company (USA). He has more than 50 years of experience to his credit in the aforesaid fields and has authored about 40 papers in various fields including Power Plant and Environmental Engineering which were published in National and International Journals and Proceeding of National and International Conferences.