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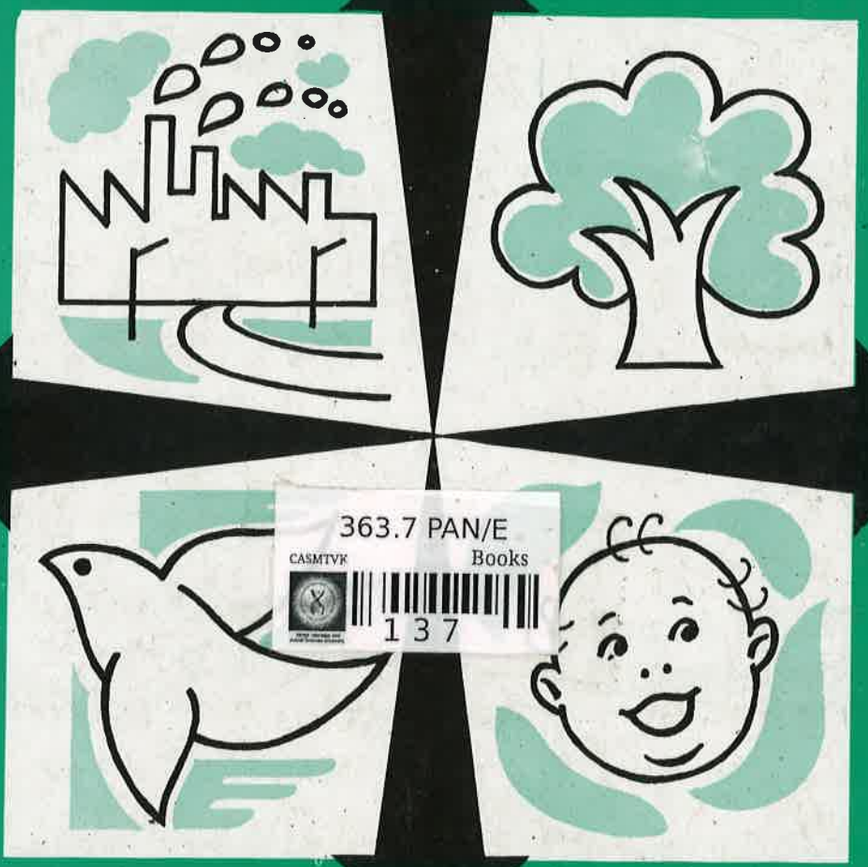
ENVIRONMENTAL MANAGEMENT



G N PANDEY

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G.N. PANDEY

Pollution has become a world-wide phenomenon and so has become concern for its control. Advancements in science and technology have accelerated the pace of industrialization. Not to speak of the developed, industrialised countries, even the developing countries have made rapid progress in the industrial field. The process of industrialization is not only bound to continue but may also become faster for, the standard and quality of life of people have to be raised. However, industrialization leads to pollution. Noise, exhaust fumes, wastes of different kinds adversely affect the environment; air, and water become polluted and people face health hazards of many kinds. Thus, industrialization and pollution go hand in hand. There is growing awareness of the implications of this predicament. Since industralization is the basis of development, it can not be given up. Hands of the clock can not be turned back. The only option left is to control and manage pollution.

The compulsions of the scenario mentioned above have awakened administrators, engineers, technocrats, governments and international organizations for taking immediate and effective steps to curb the monster of pollution. Educational institutions have included in their curricula various aspects of pollution (its nature and dimensions, health hazards it has created, and measures of controlling and managing it, etc.). It is in this context that the relevance and utility of this book, 'Environmental Management' have to be understood and appreciated. This book contains a core course in Environment Management. It will be very useful to students in Civil, Mechanical, Chemical, Biochemical and other disciplines of Engineering and Technology.

Prof. G.N. Pandey is currently the Director of Institute of Engineering and Technology, Lucknow, and Dean, Faculty of Engineering and Technology, Lucknow University, Lucknow. He has been on the faculty of Banaras Hindu University and Harcourt Hutler Technology Institute (HBTI), Kanpur, for about 20 years. He did a two year research assignment with the University of Michigan, U.S.A. He has served as Director, Directorate of Environment, Uttar Pradesh, Director (Technical), Indian Turpentine and Rosin Company, Bareilly, and Principal, G.B. Pant Engineering College, Pauri Garhwal, and Dean, Faculty of Engineering and Technology, HNB Garhwal University. He has eight books and 210 papers to his credit. His interests are environmental engineering, environmental impact assessment, industrial waste treatment, energy engineering and computer applications. He has also served as a consultant to several chemical and allied industries.

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