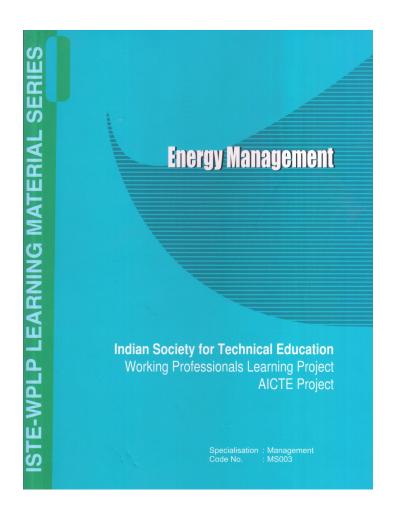
KHANNABOOKS.COM



Energy Management

Author: P. Balachandra

ISBN 13: 978-93-55384-47-8

ISBN 10: 93-55384-47-5

E-ISBN 13: 978-93-55384-47-8

Edition: 1

Pages: 266

Type of book : Paperback

Weight (g): 550.00

Year: 2011

Language : English

Publisher: Khanna Publishing House

M.R.P: Rs 369.00

Categories: ISTE Series, Management Books

SKU: 1725568866

Condition Type: New

Country Origin: India

Product Description

Supply and utilization of energy, forms an integral part of economic development of a country. Further, energy interacts with all aspects of social and economic development, including livelihoods, water, agriculture, industry, environment, population, health education, job creation and gender- related issues. These energy interactions have both positive and negative implications for every sector of the economy as well as for the environment. The objective of the author, is to introduce the prospective readers of this book to the fascinating world of energy and how it interacts with many other systems which are closely connected to the human system. This is done with a focus on India.



KHANNABOOKS.COM

Table of Contents

Foreword Preface Chapter 1: Energy Basics and Fundamental Concepts. Chapter 2: Dynamics of Energy Supply and Demand in India. Chapter 3: Energy and Economic Development. Chapter 4: Energy and Sustainable Development. Chapter 5: Energy Production and Utilization: Implications for Environment. Chapter 6: Economics of Energy Supply and Use. Chapter 7: Energy Efficiency: A new Source of Energy. Chapter 8: Renewable Energy. Chapter 9: Energy Modeling and Integrated Resource Planning. Chapter 10: Energy Supply and Demand Security,

Chapter 11: Energy Policy and Regulatory Issues. Typical Questions Bibliography Appendix

Author

Dr. P. Balachandra is a member of the Faculty, at the Department of Management Studies and Associate Faculty at the Centre for Sustainable Technologies Indian Institute of Science (IISc), Bangalore, India. In addition, he served as a visiting expert at the Harvard Kennedy School, Harvard University, USA; UNDP-Regional Centre, Bangkok; Asian Institute of Technology, Bangkok and Indira Gandhi Institute of Development Research, Mumbai. He received his ph.D. in Energy and Environment form the IISc in 2000. He has about 22 years of Research and Teaching experience in the field of energy, environment and technology management. His Research expertise includes energy & environmental economics and policy, sustainable development, climate change mitigation, technology transfer and diffusion, renewable energy and sustainable mobility. His Research is focused predominantly on policy analysis, technology assessments, economic analyses, modeling and planning, arriving at solutions relevant for developing countries like India and truing from the perspective of sustainable development. He has investigated about 20 research and consultancy projects. Prominent Organizations, for which he has carried out Consultancy/Research assignments, are UNDP, European Commission, World Bank, SIDA AIT, TERI, IGIDR and various ministries of Government of India and private sector organizations. He ha co-authored three books and published about 70 papers in various iInternational and National journals, conferences and edited books.

