



#### **COMMENTS ABOUT THE BOOK**

*"..a pioneering and very well-researched effort..covering various aspects related to technology, ranging from space, ocean, and chemical weapons to climate change threat, information on any of which is not easy to come by...a concise, and easily understandable, account of the history and recent advances in a variety of technology fields, which have led to changes in society..an excellent and very readable book, readable by both the layman and the professional scientist." - **Dr R Chidambaram, Principal Scientific Adviser to the Government of India and Chairman Scientific Advisory Committee to the Cabinet, former Chairman Atomic Energy Commission, and eminent Nuclear scientist.***

*"an unusual and remarkable effort to survey recent trends and developments in an exceptionally wide range of science and technology areas and their likely impact on foreign policy in the future..a remarkable book well worth reading not only for diplomats and policy makers, but also for the scientific community, business community and the general public." - **Dr. M S Swaminathan, Founder Chairman M S Swaminathan Research Foundation and eminent Agricultural scientist***

## **ABOUT THE BOOK**

*Science and Technology issues are increasing in international negotiations. Countries that take advantage of this trend will gain an edge over others. This book draw some conclusions and highlights areas where diplomacy will be required .This book would help diplomats to better understand some of the science and technology related issues and for scientists and technologists to better appreciate the complexities of international relations and the impact that science and technology have on them. For the business community, it may provide motivation for the need for awareness and preparing for the disruptions caused by technology changes as well as for seizing the opportunities afforded by such changes. For the public it may provide a better understanding of how scientific advances can affect their lives and society in general.*

*Some important questions discussed are -- What makes some societies better at science and innovation and do governance systems influence this? Will China overtake the US in R & D and what will this imply? Can ancient India's leadership in Science and Technology be regained ? Will nuclear weapons ever be eliminated and until then how can we live with them? Can nuclear energy solve our problems ? How will we handle our ability to modify genes and its impact ? How do we handle cyber threats and cyber warfare ? Will digital manufacturing change the world ? How do we manage human activities in outer space ? Can we manage the disputes over the oceans and keep the oceans healthy and productive ? Why is there growing competition in developing nanotechnology ? Can we still save the Earth from a climate catastrophe? How can we use technology to improve global human health ? Have we gone too far in intellectual property rights protection? How do we regulate access to dangerous weapons and technology ? Can science bring conflicting countries together ? How can we optimally combine Science and Technology and diplomacy ?*

## **ABOUT THE AUTHOR**

*Dr. Bhaskar Balakrishnan has been a Indian diplomat from 1974-2007 and served as Ambassador of India to Greece, Cuba, Haiti and the Dominican Republic, and has worked in Sudan, Syria, Zambia and Austria and with the United Nations in Geneva and Vienna In India with the Ministry of External Affairs, he has worked in the areas of investment, technology, air transport, energy, IT security, and personnel management. He was educated at Indian Institute of Technology, Kharagpur, Delhi University, and Stonybrook University, New York, USA (Ph.D in Physics). He has taught at Stonybrook University and Panjab University. He has been a Member of India's National Security Advisory Board during 2013-14. He has been training Indian and foreign diplomats, and participates as expert on national television programmes and is a regular contributor of articles to various newspapers and publications. He is a Board Member and adjunct faculty at JSS University, Mysore.*