

Science, Technology and Modernity

An Interdisciplinary Approach

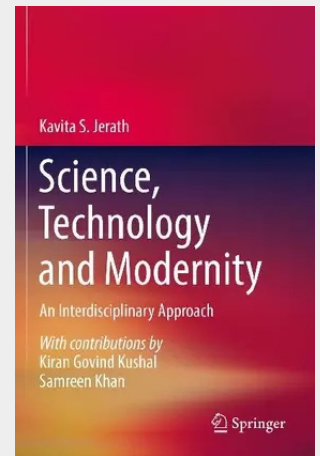
This book provides a full scale description and discussion of science, technology, society, cross-cultural communication and modernity and is presented at a level that makes it accessible to the interested academic. Starting with the historical overview, the text outlines the relevance of technology today and in the future. Then follows an introduction to the discovery and invention by agricultural, feudal, capitalist and socialist systems, and conversely the ways in which science and technology has altered economic, social, and political beliefs and practices during industrial revolutions and have transformed the whole nature of human society.

Tracing the relationship between science and technology from dawn to civilization to the twenty first century, the book argues that technology is applied science and vice versa and this phenomenon emerged relatively recently, as industry and governments began funding scientific research that would lead to new technologies. The book goes beyond technology by also describing the path from modernity to post modernity and discussing the theories of modernity.

Further the internet and social media receive increased attention as well. Finally, the discussion turns to the future structure of society and gender equality, expected to have a more distributed future generation, thereby addressing the synergies between education system, globalization and cross-cultural communication.

This book is designed as the primary general textbook for Engineers at the undergraduate level in any university. This course is a multidisciplinary elective course from emerging areas in the 4- year institution and is a required course in most universities.

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