

VOLUME

3

India

SCIENCE and TECHNOLOGY

India: Science and Technology

Volume 3



FOUNDATION

Policy-makers often come across the question of how progress and investment in science, technology and innovation (STI) can increase employment and upgrade skills and knowledge base in India. The paradox is that while STI has the potential to invent new avenues of economic growth sometimes even with increasing returns, the general forces unleashed by STI displace labour and automate a large part of human skills and knowledge. Such a paradox has a great impact on a country like India which is struggling with the ever-increasing pressure of labour force, unemployment and economic inequality. It is to be noted that the 12th Five Year Plan has made inclusive growth concomitant of employment generation and skill development a top priority.

In this context, **India: Science and Technology**, Volume 3 focuses on the state of affairs in India through the lens of employment generation, upgradation of skills and several dimensions of the Indian science, technology and innovation (STI). Similar to the earlier reports, the book is organised into four themes: (a) S&T Human Resources, (b) S&T and Industry, (c) S&T Outputs and (d) Rural India: S&T for Skills and Employment. While the content and approach of the four themes differ from each other, employment and skill development and its inter-linkage with science, technology and innovation are the important focal points of discussion.

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