

The New Asian Innovation Dynamics China and India in Perspective

Edited by Govindan Parayil and Anthony P. D'Costa

'This book provides a clinical and analytical portrait of the dynamics of innovation in the two most populous countries of the world.' – Dr Amiya Kumar Bagchi, Director and Professor of Economics, Institute of Development Studies Kolkata, Culcutta University

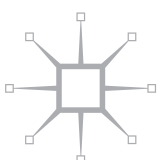
'Parayil and D'Costa's edited book on science, technology and innovation in India and China is to be warmly welcomed. The topic is of great importance for academics, business people and policy makers. The line-up of authors assembled for this edited volume is most impressive.' – Peter Nolan, Sinyi Professor of Chinese Management, Chair of the University of Cambridge's Development Studies Committee

This empirically and conceptually rich volume identifies the emerging dynamics in the broader areas of science, technology and R&D in China and India by identifying the principal forces and actors at work that shape the new global division of labour in the internationalization of technology and innovation. Rather than assuming that economic globalization leads inevitably to higher valued economic activities, the authors in this volume show that strategic choices made by multinational firms, local businesses and governments are influencing the emerging innovation dynamics and explores the key challenges faced by China and India in their quest for innovation upgrading. These challenges are illustrated with specific sectors such as information technology, software, pharmaceuticals and biotechnology at both national and regional levels. The volume also focuses on how shifting competitiveness not only increases economic growth, but also imposes costs on industries and social groups that are either losing out or being excluded from this emerging economic dynamics for various reasons.

CONTENTS: China, India and the New Asian Innovation Dynamics: An Introduction; *A.P.D'Costa & G.Parayil* *The National Innovation System of China in Transition: From Plan-Based to Market-Driven System; *X.Liu & N.Lundin* *Foreign Corporate R&D in China: Trends and Policy Issues; *S.Schwaag Serger* *Extensive Growth and Innovation Challenges in (Bangalore), India; *A.P.D'Costa* Innovation in India and China: Challenges and Prospects in Pharmaceuticals and Biotechnology; *J.J.Thomas* * Indian Pharmaceutical Industry: Firm Strategy and Policy Interactions; *K.Chaturvedi* Investing in High-Tech in China: The Cases of Novo Nordisk, GN Resound, and BenQ Siemens Mobile; *J.M.Kjersem & P.Gammeltoft* * Learning from the Bangalore Experience: The Role of Universities in an Emerging Regional Innovation System; *J.Vang, C.Chaminade & L.Coenen* * Foreign Talent and Innovation: China and India in the Japanese Software Industry; *A.P.D'Costa & T.Kobayashi* *Success in State Directed Innovation? Perspectives on China's Medium and Long-Term Plan for the Development of Science and Technology; *C.Cao, R.P.Suttmeier & D.F.Simon* * Outsourcing of R&D to Asia: A Case for Continental Specializations?; *A-J.Abma, H.J.van der Windt, N.F.Wieringa & M.P.Gerkema* * Conclusion: Science, Technology and Innovation Dynamics in India and China; *G.Parayil & A.P.D'Costa*

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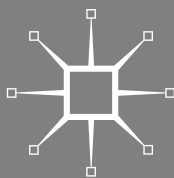
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