

Contents

<i>List of figures</i>	<i>page x</i>
<i>List of tables</i>	<i>xii</i>
<i>Acknowledgments</i>	<i>xv</i>
<i>Preface</i>	<i>xvii</i>
1 Vent for growth	1
Outside-the-box thinking	1
India's unique industrial revolution	6
Recent growth performance in India	15
Industry in the second half of the twentieth century	18
Little details supporting the big picture	21
Insights from the big picture	32
2 Industrial revolutions	37
Origins	37
India's role in motivating the industrial revolution	41
Britain and the industrial revolution	46
The American experience with industrialization	48
The democratization of invention	55
The democratization of markets	58
India's non-participation and its consequences	62
3 Aspects of Indian enterprise history	67
Commerce and industry in ancient India	67
Industry and trade in Maurya times	70
India as a medieval economic power	72
Industry and political economy before colonization	76
Transition to British rule and de-industrialization	79
The plantation industries	87
The industrial revolution industries	91

viii	<i>Contents</i>
4	The emergence of modern industry 95
	Entrepreneurship in the nineteenth century 95
	Early twentieth-century tipping point 100
	Entrepreneurship in steel 107
	The first half of the twentieth century 111
	Colonial enterprise exit and multinational entry 115
	Industrial policy in the early twentieth century 122
5	Asian late industrialization 126
	Late industrialization and its consequences 126
	Definition of late industrialization 133
	The key components of late industrialization 134
	Learning and human capital quality in late industrialization 141
	The case of Samsung in the global microwave market 144
	The role of the state in late industrialization 147
	The political psychology of late industrialization 149
6	Democratizing entrepreneurship 153
	The tale of a nationalist entrepreneur 153
	Industrial policy in India from 1947 to 1991 157
	Institutional change and its consequences 167
	Democratizing entrepreneurship 170
	Contextual intuition and creative improvisation 172
	A manufacturing entrepreneur's tale 176
	Emergent Indian entrepreneurship and its profile 179
7	Contemporary India 186
	Contemporary Indian enterprises 186
	Corporate sector evolution in India 192
	The industrial initiatives landscape 198
	The small-scale sector in India 205
	Beneficial dualism or bipolar disorder 210
8	The services sector debate 217
	The services sector role in India 217
	Productivity of the Indian services sector 225
	Comparison with other countries 229
	The tale of South Korea 232
	India's China manufacturing syndrome 234

<i>Contents</i>	ix
9 A paean for manufacturing	239
Why manufacturing matters	239
The economic consequences of manufacturing	244
General purpose technology investments	248
The political dimensions of manufacturing	250
Guns and butter	254
10 Reindustrializing India	265
Heat and light	265
Entrepreneurial sector transformation	274
Fragmentation and consolidation	278
Information technology industrialization	283
New age manufacturing	290
Resetting the clock	298
<i>Appendix</i>	304
<i>Notes</i>	329
<i>Bibliography</i>	377
<i>Index</i>	401