

Cambridge University Press

978-1-107-13723-3 - Globalizing India: How Global Rules and Markets Are Shaping India's Rise to Power

Aseema Sinha

Index

[More information](#)

## Index

---

- Aarvee Denim, 213  
 Abid Hussain Committee, 176  
 African Growth and Opportunity Act, 220  
 Agreement on Agriculture, 11, 62  
 Agreement on Textiles and Clothing (ATC), 70, 177  
 Agrotech subsector, 252  
 Ahluwalia, 229  
 Aiyar, S., 109, 128  
 All India Chemical and Pharmaceutical Employees Federation, 116  
 Alok Industries, 216, 229  
 Ambattur Clothing, 219  
 American Remedies, Ltd., 260  
 Analysis Group (Tariff Commission), 96  
 ANDA applications, 260, 262  
 Andhra Pradesh, 90  
 antidumping, 78, 97–98, 239, 246  
 Antidumping Administration, 16  
 Apparel Export Promotion Council (AEPC), 178, 222, 255  
 apparel sector (textiles), 215–220  
 Appellate Body, 136  
 Argentina, 80  
 Article XVIII (WTO), 64  
 Arvind Mills, 216, 219, 220  
 Asarva Mills, 213  
 Ashok Piramal Group, 227  
 ASSOCHAM (The Associated Chambers of Commerce and Industry of India), 105  
 ATC (Agreement on Textiles and Clothing), 160  
 Athreye, S., 119, 239  
 azo dyes, 254  
  
 Bagchi, J., 174, 175  
 Bajaj, R., 103, 106  
 balance of payments (BOP), 89, 101  
 balance of power, 17, 113, 158, 266, 277  
 Bali, 62, 66  
 Bangladesh, 21, 38, 60, 269  
  
 Bardhan, P., 54, 206, 281  
 Baron, D., 239  
 Bawa, 146  
 Bedi, Jatidner, 228  
 Benzex Laboratories, Pvt. Ltd., 260  
 Berne Convention for the Protection of Literary and Artistic Works, 129  
 Bhilwara group, 216  
 Bhowmick, T. R., 105  
 bilateral agreements, 17, 62, 63, 177  
 BJP (Bharatiya Janata Party), 2, 182  
 Blue Blends, 213  
 Bombay Dyeing, 171, 226  
 Bombay Spinning and Weaving Company, 161  
 Bombay Strike, 163, 173, 174, 225  
 Bowreach Cotton Mills Company Ltd., 161  
 Brazil, 2, 47, 66, 74–75, 80  
 Bretton Woods, 67  
 BRICS group, 275  
 Buildtech subsector, 252  
 bulk drug to formulation ratio, 123  
 bulk drugs, 117, 119, 120, 123, 154  
 Bureau of Industrial Costs, 95  
 Bureau of Standards (BIS), 255  
 business. *See also* state–business interactions  
 business interests  
   associations, 106  
   textile industry, 22, 241–242  
 business–state consultation, 15  
 Buthe, 59  
  
 Calco, 264  
 Cancun, 11, 66, 74, 90, 91, 100  
 capitalist development in India, 3–4, 13–14, 279–280  
 Caraco Pharmaceutical Laboratories (CPD: Amex), 263  
 causal mechanisms, 32, 35–36, 61  
 Cefaclor, 258

## 322 Index

- Centre for Management in Agriculture (CMA), 84  
 Centre for WTO Studies, 83, 84  
 Century Textiles and Industries, 170, 213, 226, 227  
 CENVAT, 191  
 cess (excise tax), 167, 168, 190  
 Chatterjee, D., 54, 81  
 Child, J., 266  
 Chile, 2  
 China, 2, 3, 17, 66, 71, 181, 268  
 Chirpal group, 213  
 Cipla, 108, 116, 121, 143, 144  
 class system, 280  
 class-based theories of trade, 54–55  
 closed economy, 64, 78, 103  
*Commerce and Coalitions* (Rogowski), 48  
 complementarity theory, 59–60, 66  
 compliance. *See also* WTO (World Trade Organization) compliance, TRIPS (Trade Related Agreement on Intellectual property)  
   partial compliance, 112  
   tools, 41, 42–43  
 compliance process (pharmaceutical industry)  
   differentiation, 140–142  
   leveraging and upgradation, 146–155  
   mobilization, 142–144  
   strategies, 137  
 composite mills, 167, 169, 171, 186, 211, 213  
 Confederation of Indian Industry (CII), 25, 28, 103–106, 220, 232  
 Congress Party, 99  
 Contract Reservation System (CRS), 179  
 Corbridge, 54  
 cotton. *See also* Cotton Technology Mission farming, 217  
   integration, 217  
   privileged fiber, 166, 170  
   production organization, 207–209  
   quality, 199  
   world market share, 162  
 Cotton Research and Technology Generation, 200  
 Cotton Technology Mission, 180, 186, 199–201  
 Council of Scientific and Industrial Research (CSIR), 91, 93  
 Council on Goods and Services (WTO), 76  
 Credit Linked Capital Subsidy (CLCS-TUFS), 193  
 cross-sector linkages, 69, 76, 79, 82–87  
 D'Souza, E., 206  
 DCM Textiles, 212  
 Department of Industry, 78  
 Department of Petrochemicals, 117  
 derivative global learning, 257  
 developmental state, 21, 34, 163, 281, 284–286  
 differentiation strategies (pharmaceutical industry), 140–142, 144  
 Director General of Antidumping and Allied Duties (DGAD), 77, 92  
 dirigiste period, 20, 21, 115, 274  
 Dishman (pharmaceutical company), 257, 265–266  
 Dispute-Settlement Board (DSB)  
   as compliance tool, 41  
   effect of India's loss, 65, 83, 93, 99, 111, 131, 135–137, 158  
   effect on state actions, 38  
   India's loss, 18, 64, 89, 135–137  
 Dispute-settlement mechanisms (DSU), 129  
 diversification strategies  
   as state policy, 22  
   pharmaceutical industry, 120, 128  
   textile industry, 215  
 Doha declaration, 269  
 Doha Development agenda, 71  
 Doha round of trade talks, 11, 47, 62, 74  
 domestic cleavages  
   effects of global forces on, 49  
 domestic state. *See also* state, private sector  
 domestic action, 247  
 domestic actor role, 19  
 impact of international institutions, 43–48  
   theories of trade policies, 55–57  
 domestic-oriented view of reform, 4  
 Dr. Reddy's Laboratories (DRL), 121, 257  
 Dr. Reddy's Laboratories (DRL), 260  
 Drug Controller (DPCO), 123  
 Dunkel draft, 99, 142, 175, 249  
 Dye Manufacturers Association, 255  
 Electronic Commerce, 101  
 Eli Lilly, 258  
 endogenous global learning, 256, *See also* Dr. Reddy's Laboratories, Ranbaxy (pharmaceutical company)  
 Enterprise Resource Planning (ERP), 222  
 Enterprise Wide Applications (EWA), 215  
 Entremond Coater, 253  
 environmental regulations, 254–256  
 Essential Commodities Act, 166

Cambridge University Press

978-1-107-13723-3 - Globalizing India: How Global Rules and Markets Are Shaping India's Rise to Power

Aseema Sinha

Index

[More information](#)

## Index

323

- EU (European Union), 71, 253, 254  
 European Court of Justice, 43  
 Evaluation of Technology Upgradation Fund Scheme report, 194  
 Exim Policy 1997–2002, 101  
 expert groups, 86, 182–183, 251  
 expertise  
   effects of global interaction on, 66  
   for negotiations, 16  
   types, 82  
 Export Oriented Units (EOUs)  
   (textiles), 186  
 export pessimism, 1, 7, 64  
 Export Promotion Capital Goods (EPCG) scheme, 186  
 export share  
   climb, 3  
   decline, 1  
   India's changing perspective, 76  
   pharmaceuticals, 120, 126–128  
   textiles, 21, 161, 162, 203, 225–226  
 exports. *See also* trade parks, individual  
   pharmaceutical companies, trade  
   pharmaceuticals, 254, 269  
   textiles, 162, 170, 171, 181, 185, 186, 228
- Factiva newspaper database, 26  
 factorial theories of trade policy, 54  
 Federation of Indian Art Silk Weaving Industry (FIASWI), 232  
 FERA (Foreign Exchange Regulation Act), 120, 121, 122  
 FICCI (Federation of Indian Chambers of Commerce and Industry), 28, 104, 106  
 fiscal reform of textile industry, 190–191  
 Five Interested Parties (FIPS), 11  
 formulations (drug), 117, 119, 119, 123, 154  
 Fort Gloster Mills, 161  
 Fortnightly Round of News and Views on WTO Issues, 101  
 fragmentation  
   business, 282  
   in textile industry, 166, 170, 207–209, 232–233  
   pharmaceutical industry, 122, 125, 140–142  
 Frieden, 55, 241  
 functional logic, 38
- G20, 11, 66, 275  
 G20 proposal, 74–75  
 Gandhi, Indira, 108  
 Gandhi, Rajiv, 8
- Ganesan, A.V., 102  
 Garment Exporters Association (GEA), 246  
 GATS (General Agreement on Trade and Services), 49, 70, 86, 104  
 GATT (General Agreement on Trade and Tariffs)  
   effect on state, 46  
   legal process, 43  
   meetings, frequency, 41  
   nature, 40  
   one dimension body, 46  
   origin, 40  
   purpose, 49  
   resistance to, 1, 7  
   transformation to WTO, effects, 65  
   *versus* WTO, 6, 40  
 General Council (WTO), 71  
 generic drugs, 120, 126, 128, 142, 249, 270  
 Geneva, 67, 71, 80  
 geopolitical shifts, 17  
 Geotech subsector, 252  
 Germany, 21, 181, 254, 255  
 GFTAM (Global Fund to fight AIDS), 270  
 Ginni Filaments, 253  
 global agreements. *See* TRIPS (Trade Related Agreement on Intellectual Property), MFA (Multifibre Agreement), GATT (General Agreement on Trade and Tariffs), GATS (General Agreement on Trade and Services)  
 global capitalist class, 55  
 Global Design-in-Motion (GDM) framework  
   compared with other theories, 32  
   components, 33–35  
   dynamic nature, 61  
   effects on private sector, 48  
   interaction of forces, 278  
   overview, 4, 28, 30, 273  
 global forces  
   as agents of change, 16, 32  
   effect on business, 34  
   effects, 19, 272–273  
   interaction with domestic factors, 4, 5  
 global integration, 4, 7, 12, 13  
 global markets  
   as agent of change, 114, 115  
   as agents of change, 17, 158  
   defined, 12  
   effects on domestic players, 17  
 global mechanisms, 16–18, *See also* market mechanisms, non-market mechanisms

Cambridge University Press

978-1-107-13723-3 - Globalizing India: How Global Rules and Markets Are Shaping India's Rise to Power

Aseema Sinha

Index

[More information](#)

## 324 Index

- Global Organic Textile Standard (GOTS), 239
- global organizations. *See* WTO (World Trade Organization), IMF (International Monetary Fund), World Bank, ISO (International Organization for Standardization)
- global patent regime, 114
- global public goods, 42
- global reach
  - pharmaceutical industry, 154–155
  - textile industry, 221
- Global Rules and Design (GRD), 35
- global rules of the game. *See also* nonmarket mechanisms, market mechanisms
  - as impetus for change, 158
  - dynamic nature, 35
  - effects, 39, 55, 65, 107, 113
  - importance, 42–43
  - studying, 287
- global trade. *See* trade, WTO (World Trade Organization)
- global trade regime, 12
- global trading order, 5, 6
- globalization. *See also* WTO (World Trade Organization), GATT (General Agreement on Trade and Tariffs)
  - as interaction, 272
  - defined, 5, 238
  - domestic support for, 2
  - effect on state, 13, 107
  - effects, 4, 66, 205, 239, 243, 275, 280–281
  - evolving nature, 35
  - in a developmental state, 284–286
  - market and nonmarket elements, 34
  - overview, 1–29
  - underpinnings, 272
  - woodwork reformers' impact, 274
- Gokaldas Exports, 217
- Goldstein, 6, 43
- Goswami, Omkar, 105, 181
- Grasim Industries, 218, 220
- Grieco, Joseph M., 1
- GTN Textiles, 216, 218
- Gujarat, 90
- Gujarat Heavy Chemicals (GHCL), 219, 225
- Gujral, I.K., 93
- Gupta, Akhil, 282
- Gupta, D.B., 140
- Gupta, Mabank, 203
- Gurupadaswamy, M.S., 157
- Haggard, S., 57, 110
- Halliday, T., 60
- Hamied, Dr., 108
- handloom sector, 22, 167, 172, 175, 186, 208
- hank yarn sector (textiles), 168, 185, 186
- hardware sector, 22
- Hart, O., 39
- Hatch-Waxman Act, 128
- Hathi Committee report, 116
- Haynes, Douglas, 161
- Heavy Industries Department, 195
- High Powered Steering Group, 189
- HIV/AIDS, 269–270
- Hoekman, P.E., 72
- Hometech subsector, 252
- Hong Kong, 181
- House of Pearls, 216
- ICMF (Cotton Development and Research Association), 200, 232
- ICRIER (International Council of Research on Economic Relations), 28, 84, 86, 87
- IDMA (Indian Drug Manufacturers Association), 49, 143
- ILO (International Labour Organization), 41
- IMF (International Monetary Fund), 6, 8, 41, 43, 64
- IMF loan, 19, 30
- import share
  - 1999, 10
  - textile industry, 162, 177, 196, 201
- imports, 8, 117, 119
- Improvement of Marketing Infrastructure, 200
- India and WTO Newsletter, 101
- Indian Cotton Mills Federation (ICMF), 169, 190, 200
- Indian Drug Manufacturers Association (IDMA), 125
- Indian Economic Service, 83
- Indian Institute of Foreign Trade (IIFT), 84
- Indian Institute of Management, 84
- Indian Patent Act of 2005, 20
- Indian Pharmaceutical Alliance, 143
- Indian political economy, 280–283
- Indian Rayon & Industries, 216
- Indian Spinners' Association, 232
- Indiez, 220
- Indonesia, 80
- Indra Nooyi, 2
- industrial capitalists, 282–283
- Industries Development Act (1951), 167

Cambridge University Press

978-1-107-13723-3 - Globalizing India: How Global Rules and Markets Are Shaping India's Rise to Power

Aseema Sinha

Index

[More information](#)

## Index

325

- Indutech subsector, 252  
 information. *See* public/private information  
   about markets and standards  
 information technology (IT), 2  
 Information Technology Agreement, 70  
 Infosys Software, 281  
 integration (textile industry), 215–220  
 intellectual property (IP) rights. *See* TRIPS  
   (Trade-Related Agreement on  
   Intellectual Property)  
 Intellectual Property Training Institute  
   (IPTI), 94  
 Intensive Cotton Development  
   Programme, 199  
 interactions. *See also* state–business  
   interactions  
   global and domestic factors, 15, 79  
   intrastate, 47, 48  
 interministerial groups  
   conflicts, 90–91  
   consultations, 87  
   coordination, 91–92  
 international organizations. *See also* WTO  
   (World Trade Organization), World  
   Bank, IMF (International Monetary  
   Fund), ISO (International  
   Organization for Standardization)  
   theories of effect, 57–61  
 International Relations (IR) scholars, 53  
 International Trade Classification  
   (Harmonized Series), 96  
 intra-state interactions, 47, 48  
 ISO (International Organization for  
   Standardization), 42, 70  
 ITA (Information Technology  
   Agreement), 22  
 Italy, 21, 181
- Jaitley, Arun, 11, 15, 81, 92  
 Japan, 71, 162  
 JCT Company, 216, 219  
 Jenkins, R., 56  
 Jhunjunwala, Riju, 209  
 Joint Secretary in the Ministry of  
   Industry, 102  
 Joshi Committee (1958), 173  
 July framework agreement, 90
- Kale, D., 119, 239  
 Kanungo Committee (1954), 173  
 Kapur, D., 5  
 Karnataka, 90  
 Karve Committee Report of the Village and  
   Small Scale Industries (1955),  
   168, 173
- Kaufman, R., 57  
 khadi sector (textiles), 167, 168, 217  
 Khanna, N. N., 105  
 Knaungo Committee (1954), 168  
 Kohli, A., 12, 50, 276  
 Kostecki, M., 72  
 Krishnan, Gopal, 105  
 Krueger, Anne, 206, 282  
 KSA Technopak, 194  
 Kusungar Corporation, 253  
 Kyeala, B. K., 146
- Lake, David, 205  
 Lalbhai, Sanjay, 180, 220  
 large mill sector, 171  
 Laxmi Mills, 215  
 learning  
   and linkage, 256  
   as agent of reform, 53, 240, 256–266  
   derivative learning, 257  
   endogenous learning, 256–258  
   exogenous learning, 257  
   paths, 256–258  
 least developing countries (LDCs), 60, 129  
 leather industries, 254–256  
 legal framing, 41, 43–44  
 leveraging and upgradation strategy,  
   146–155  
 Levy, 49  
 LNJ Bhilwara group, 213  
 Lohmann, 56  
 Lok Sabha debates, 28  
 Long-Term Arrangement on Cotton  
   Textiles (LTA), 176  
 losing sectors, 16, 21, 112, 114  
 Lowi, Theodore, 166  
 Lupin, 257
- Madras Institute of Development Studies  
   (MIDS), 84  
 Madura, 215  
 Mafatlal, 171, 226  
 Mafatlal Fine Spinning and  
   Manufacturing Co., Ltd., 228  
 Mahanaobis model, 167  
 Maharashtra, 90  
 Mahavir Spinning Mills Ltd., 212  
 Manifattura di Valle Brembana, 227  
 man-made cloth. *See* synthetic textiles  
 Manufacturers–Exporters' Entitlement  
   (MEE), 179  
 Margin Money subsidy, 193  
 market mechanisms. *See also* legal framing,  
   transaction costs, sovereignty costs  
   analyzing, 245–247

Cambridge University Press

978-1-107-13723-3 - Globalizing India: How Global Rules and Markets Are Shaping India's Rise to Power

Aseema Sinha

Index

[More information](#)

## 326 Index

- market mechanisms (cont.)  
 defined, 242–243, 245  
 interplay with nonmarket mechanisms, 42, 271  
 limitations, 248, 253, 254  
*versus* nonmarket mechanisms, 237–245
- Martin, L., 43, 58
- Mashelkar, R. A., 93
- Mattli, W., 59, 66
- Maximum Allowable Post-Manufacturing Expense (MAPE), 123
- Meditech subsector, 252
- Mehra, 146
- mergers/acquisitions, 114, 218–220
- methodological nationalism, 4, 12
- Mexico, 2
- MFA (Multifibre Agreement)  
 effect of, 20  
 effect of abolition, 14, 29, 160, 165, 182–184, 202, 206, 218, 267  
 future market information from, 249  
 nested negotiations, 37  
 overview, 160–161, 176–179
- mill sector (textiles), 169, 171, 185, 190
- Mill, John S., 21
- Milner, H., 58
- ministerial meetings/conferences (WTO), 41, 70–71, 81–82, 99, 100
- ministries. *See also* specific ministries  
 conflicts, 88–91  
 cooperation, 91–92  
 overview, 88
- Ministry of Agriculture (MOA), 84, 90–91
- Ministry of Chemicals and Fertilizers, 117
- Ministry of Commerce (MOC)  
 as nodal ministry, 48  
 conflict with Ministry of Agriculture (MOA), 90–91  
 conflict with Ministry of Finance (MOF), 88–90  
 effects of global regimes on, 137, 139  
 exports, research on, 76  
 history, 78–79  
 leadership, 99, 256  
 responsibilities, 88  
 staff expansion, 79–82  
 Trade Policy Division, 77, 79, 80  
 trade policy, making, 76–77  
 website, 101, 101
- Ministry of Environment, 255
- Ministry of External Affairs (Brazil), 47
- Ministry of External Affairs (MEA), 48, 78
- Ministry of Finance (MOF), 47, 48, 78, 88–90
- Ministry of Health, 117
- Ministry of Industry, 78, 93, 95
- Ministry of Industry and Commerce, 78
- Ministry of International Trade, 78
- Ministry of Textiles, 185, 188–190, 198, 255, 256
- Mishra, S., 172, 175
- Mobiletech subsector, 252
- Modernization/Upgradation of Ginning and Pressing Factories, 200
- Mohan, Rakesh, 181
- Mohapatra, S. B., 191
- Montreal protocol, 37
- moral economy, 155–157
- Morarjee Spinning and Weaving Mills, 226–227
- multilateral negotiations  
 expertise, 82–87  
 overview, 70–71
- multinational corporations (MNCs), 4, 49, 113, 116, 117–122, 139, 257
- N. K. Singh Steering Committee, 186, 190–191
- NAFTA (North American Free Trade Agreement), 67
- Nahar Fabrics, 215
- Nahar Industrial Enterprises Ltd., (NIEL), 213, 217
- Narayan, S., 74
- Nath, Kamal, 90
- National Association of Software and Service Companies (NASSCOM), 104
- National Council for Patent Laws, 146
- National Fashion Design centers, 186
- National Law School, 84
- National Textile Corporation (NTC), 169
- National Textiles Research Council, 222
- National Working Group on patent laws, 99
- negotiation strategies  
 effect of WTO involvement, 63, 84–86  
 evolution, 11  
 expertise used, 82–87  
 G-20 proposal, 74–75  
 improvements, 16, 66, 74, 115
- nested agreements  
 in WTO, 37, 46, 67, 78, 160
- Nethaji Apparel Park, 218
- Neuland Labs, 257
- New Delhi, 80
- Nicholas Piramal, 110
- Nodal Center for Upgradation of Textile Education (NCUTE), 186
- nodal ministry. *See* Ministry of Commerce (MOC)

- Non-Market Access Negotiations (NAMA), 20
- nonmarket mechanisms. *See also* learning, threats, public/private information about markets and standards analyzing, 245–247 defined, 238, 245–246 effectiveness, 283 effects, 18, 48–50 importance, 53 interplay with market mechanisms, 271 overview, 29, 238–241, 244 solar panels dispute, 239 sources, 273 threats, 266–269 transformative effects, 73 versus market mechanisms, 53, 237–245
- Non-Quota Exporter Entitlement (NQE), 179
- Nooruddin, 56
- Nooyi, Indra, 2
- NorAm, Selman, 211
- Northern India Textile Mills Association, 229, 268
- O'Halloran, 56
- Official Group for Growth in Textiles, 189
- Olson, Mancur, 51, 206, 232
- open economy, 2, 277, 279
- Open-Economy Politics Framework, 4
- OPPI (Organization of Pharmaceutical Producers), 49, 125, 143
- ORG-MARG, 121
- Orient Craft, 216, 220
- Oswal, S. P., 212
- Owens Corning World, 253
- Pakistan, 268
- Paris Convention, 129
- parliamentary systems, 48, 88
- partial compliance, 112
- Past Performance Entitlement (PPE), 179
- Patent Act of 1970, 108, 116 effect on indigenous industry, 117–122, 125, 139 process patents recognition, 108 state attempts to modify, 130
- Patent Act of 1978, 116–117
- Patent Administration, 16, 93, 94
- Patent Amendment Act, 2005, 109
- Patent and Designs Act of 1911, 116
- patent offices, 94
- patent regime, 125, 126, 144
- patents. *See also* Patent Act of 1970, Patent Act of 1978, Patents (Amendment) Act of 2002, Patent Amendment Act, 2005 filings, 154, 260, 267 modernization of administration, 93–95 process patents, 21, 108, 113, 116 product patents, 109, 260 TRIPS effect, 129
- Patents (Amendment) Act of 2002, 94
- Pawer, Sharad, 90, 91
- PCPS (Pentachlorophenol), 254
- Pederson, 241
- pharmaceutical industry. *See also* pharmaceutical industry reform, pharmaceutical policy, Ranbaxy (pharmaceutical company) compared with textile industry, 20 divisions, 282 export share, 267 exports, 126–128 fragmentation, 121–122, 125, 140 history (1947–1990), 115–117 history (post 1990), 117–122 moral economy, 155–157 private sector, 111 resistance strategies, 137, 138–140 state role, 21, 123–124 strength of indigenous, 113 Torrent Pharma, 154 types of units, 122
- pharmaceutical industry reform attitude evolution to TRIPS, 110–111 Dishman, 257, 265–266 Dr. Reddy's Laboratories, 260 effect of TRIPS, 158–159 effects, 49 importance of information, 249–250 market strategies, 146 possible causes, 110 research and development (R&D), 113, 123, 126 strategies, collective action (post 2000), 142–144 strategies, differentiation, 140–142, 144 strategies, leveraging and upgradation, 146–155 Sun Pharma, 263–264 technological upgradation, 110 threats and opportunities, 269–271 WHO certification, 269–271 Wockhardt, Ltd., 260–262



## 328 Index

- pharmaceutical policy. *See also* Patent Act of 1970, Patent Act of 1978, Patent Amendment Act of 2005  
 effects on indigenous industry, 117–122, 124  
 evolution, 118–119  
 PHD Chamber of Commerce and Industry, 249  
 Piramal Enterprises, 142, 171, 226  
 Piramal, Ajay, 110, 180  
 Piramal, Harsh, 195  
 Piramal, Nicholas, 148  
 Polpharma, 266  
 Powerloom Enquiry Committee – Ashok Mehta Committee (1964), 173  
 Powerloom Exporter Entitlement (PEE), 179  
 powerloom sector (textiles), 22, 168, 170, 171, 172, 174, 179, 190, 193, 208, 218  
 Prabhu, P. P., 91  
 preferences  
 creation of, 53  
 difficulties measuring, 23  
 significance, 28  
 Presidential Ordinance, 130  
 presidential systems, 48  
 price controls (pharmaceutical industry), 123–124, 143, 156, 157  
 Prime Minister's Council on Trade and Industry, 105  
 Priority Watch Country, 131  
 private sector  
 impact of global trade institutions, 48–50, 51  
 importance of public information, 50–53  
 pharmaceutical industry, 50–53, 109, 110–111, 115, 158  
 preferences, 18, 50, 286  
 self-interest, 19  
 textile industry, 209–215, 224–231, 232–236  
 value of consulting, 76  
 process patent regime, 125  
 process patents, 21, 108, 113, 116  
 product patent regime, 145  
 product patents, 109, 116, 260  
 protectionism. *See also* tariffs, MFA (Multifibre Agreement)  
 anti-dumping, 97–98  
 pro-US shift, 17  
 Public Sector Entitlement (PSE), 179  
 public/private information about markets and standards  
 effects, 72  
 importance for pharmaceutical industry, 142  
 importance for private sector, 53  
 importance for reform, 248–250  
 importance for textile industry, 240, 250–253, 254–256  
 information discovery and transmission, 18  
 trade policy process, 99–102  
 Putnam, 58
- Quality and Compliances: Route to Global Competitiveness, 229  
 Quantitative Restrictions (QR) booklet, 101  
 Quantitative Restrictions case, 90  
 quotas  
 textile industry, 176, 177, 178–179, 186, 268
- Raj, C. Soundara, 201  
 Rajasthan Spinning and Weaving Mills, 213, 216  
 Ramakrishna, G. V., 103  
 Ramani, S., 119, 239  
 Rana, Kashiram, 180, 182, 183, 188  
 Ranbaxy (pharmaceutical company)  
 board of directors, 146  
 case study, 145–146  
 global learning, 257, 258–260  
 growth, 121  
 reaction to TRIPS, 103, 128, 140, 141  
 reorientation of strategy, 153–154  
 vision, 141  
 Ranbaxy Lilly (pharmaceutical company), 258  
 Rao, C. N., 93  
 Ray, Prafulla Chandra, 116  
 Raymond Group, 203, 213, 214, 216, 218  
 Ready Goods Entitlement (RGE), 179  
 Reciprocal Trade Act of 1934, 55  
 Redwood, 124  
 reform by stealth, 13, 31  
*Re-Forming the State: The Politics of Privatization in Latin America and Europe* (2002) (Schamis), 74  
 reforms. *See also* pharmaceutical industry reform, textile industry reform  
 of 1991, 17, 30, 56  
 of 1999, 31  
 of ruling coalition, 276  
 patent administration, 93–95  
 state institutions, 92–93  
 regulated markets, 267  
 Reliance Industries, 218, 248



- reluctant globalizers, 263–264
- research and development (R&D)  
expenditure, 108  
in pharmaceutical industry, 113, 123,  
126, 145–146, 148–153  
in textile industry, 220–224  
state initiated, 82–87
- Research and Information System for  
Developing Countries (RIS), 84
- Reserve Bank of India, 89, 99
- resistance strategies (pharmaceutical  
industry), 138–140
- reverse engineering, 125
- Ricardo-Viner model of trade, 54
- Richa and Co., 268
- RIS (Research and Information System for  
Developing Countries), 28
- Rogowski, R., 48, 54, 55, 56
- S. Kumar, 216
- S. S. Verma Committee, 166,  
174–176
- Sabare International, 219
- Sabharwal, 146
- Sambandam Spinning, 218
- Samuel, K. A., 232
- sanctions, 44
- Sathyam Committee Report, 180–182,  
184, 251
- Schamis, H., 74
- Scheme for Apparel Parks for Exports  
(APE), 197
- Scheme for Integrated Textile Parks  
(SITP), 186, 197
- Science Advisory Committee (SACC), 93
- Seattle, 86, 99, 104, 105
- second image reversed analysis, 5, 13, 59,  
61, 278
- Secretariat (Tariff Commission), 96
- sectoral theories of trade policy, 54
- Sectoral Working Groups (SWGs) (Tariff  
Commission), 96
- Self reliance, 1
- Sen, Nikhil, 225
- service sector, 280
- Seth, Deepak, 216
- Shaffer, G., 60
- Shah, D. G., 155
- Shankar, N., 104
- Shanmugavel Group, 215
- Short-Term Arrangement on cotton  
products (1961), 176
- Shourie, Arun, 15
- Sick Industrial Companies (Special  
Provisions) Act (SICA), 163
- Silk and Art Silk Mills Research  
Association, 255
- Singapore, 99
- Singh, Bhai Mohan, 145, 146
- Singh, Jaswant, 92
- Singh, Manjit, 146
- Singh, Manmohan, 2, 8, 19, 109, 162
- Singh, Parvinder, 103, 115, 128, 140, 141,  
145, 258
- Singh, Rajnath, 90, 92
- Singh, Shri N. K., 189
- single-undertaking principle, 40, 88
- Sintex Industries, 213
- Sivaraman Committee (1974), 173
- small-scale industries (SSI)  
pharmaceutical, 114, 120, 147  
textile, 166, 183, 185, 193, 214, 255, 269
- Soma Textiles, 213
- South India Cotton Association  
(SICA), 201
- South Korea, 181
- sovereignty costs  
defined, 39–40  
effects, 32, 69  
of global regimes, 64, 73, 158  
overview, 39–41
- Soviet Union, 17, 266
- Special 301 provisions (Omnibus Foreign  
Trade and Competitiveness Act), 131
- Special Economic Zones (SEZ), 197
- specific-factors model of trade, 54
- Spentex Industries, Ltd., 217
- spinning sector (textiles), 161, 185,  
193, 195
- Sri Govindaraja Mills, 213
- Srinivasan, N., 105
- Standing Committee on Commerce, 89
- state  
capacities, 15–16, 46, 65–67, 73–87, 285  
failings, 275  
role in diverse sectors, 22  
role in pharmaceutical industry, 21  
role in reform, 273, 274–275  
role in textile industry, 21, 182–187,  
190–196, 232–236, 250–253  
transformation, 16, 65–67
- state–business interactions  
consolidation, 276  
evolution, 275–276  
in pharmaceutical industry, 155–157  
trade policy process, 102–106, 281
- state–capital alliance, 3, 12
- state–society interactions, 98–102
- statist pluralism, 281
- Steinberg, 6

Cambridge University Press

978-1-107-13723-3 - Globalizing India: How Global Rules and Markets Are Shaping India's Rise to Power

Aseema Sinha

Index

[More information](#)

## 330 Index

- Stopler-Samuelson theorem, 48, 54  
 strategic logic, 38  
 street protests, 108  
 Sun Pharma, 121, 257, 263–264  
 Sundaram, G. K., 229  
 Superior Fabrics, 253  
 Sutlej Industries, 222  
 Swaminathan, M. S. S., 93  
 Swamy, Subramanian, 1  
 Switzerland, 214  
 Synthetic and Rayon Textiles Export Promotion Council (SRTEPC), 178  
 synthetic textiles, 163, 175, 178, 190
- Tariff Board, 95  
 Tariff Commission, 16, 95–97  
 Tariff Commission (Repeal) Act of 1976, 95  
 Tariff Commission Act of 1951, 95  
 tariffs. *See also* Tariff Commission  
   1990s, 13  
   cutting, 91  
   decline, 10  
   impact on state, 8  
   protectionism, 14  
   rate decline, 20  
   reform, 8  
 Task Force on Textiles (1972), 173  
 Tata Group, 105, 106  
 technical textiles, 163, 185, 222, 250–253  
 technological upgradation, 14, 110  
 Technological Upgradation Fund Scheme (TUFS), 191–196, 230  
 technology modernization policy, 191–196  
 Technology Upgradation Fund Scheme (TUFS), 184, 211, 252  
 telecommunication sector, 23  
 Textile Center Infrastructure Development Scheme (TCIDS), 197  
 Textile Export Promotion Council (TEXPROCIL), 178  
 textile industry  
   business interests, 22  
   compared with pharmaceutical industry, 20  
   fragmentation, 166, 170, 207–209, 232–233  
   history (2004–present), 203–204  
   history (post-1999), 163–164  
   history (pre-1999), 161–163, 166–172  
   history overview, 29  
   overview, 160–161, 202  
   quotas, 178–179  
   state role in, 21  
   structure, 207  
   timeline, 207  
 Textile industry reform  
   business strategies, 241–242, 246–247  
   causes for change, 206–207, 236  
   first reform period, 225–228  
   fiscal reform, 190–191  
   future market information importance, 250–253  
   global and domestic effects, 247  
   global reach, 182–184  
   innovation, 220–224  
   integration, 215–220  
   leather industries, 254–256  
   losing sectors, 21, 22  
   market and non-market actions, 246–247  
   market strategies, 243  
   research and development (R&D), 220–224  
   second reform period, 228–231  
   state leadership, 182–187, 191–196, 233–236, 250–253  
   state–business cooperation, 163, 197–198, 254, 255  
   technology upgradation, 191–196, 209–215  
   woodwork reformers, 188–190  
 Textile Machinery industry, 195  
 Textile Modernization Fund Scheme, 180, 192  
 textile parks, 197–198  
 textile policies  
   1947–1999, 172–176  
   1980s, 182–184  
   2000, 184–187  
   Abid Hussain Committee, 176  
   Cotton Technology Mission, 185, 199–201  
   effects of state, 169–172  
   N. K. Singh Steering Committee, 190–191  
   overview, 164–166  
   S. S. Verma Committee, 174–176  
   Sathyam Committee Report, 180–182, 184  
 Thailand, 80  
 threats  
   agent of reform, 266–269  
   defined, 266  
   effects, 240  
   importance for private sector, 17, 29  
   *versus* opportunities, 266  
 Tilly, Charles, 62  
 Tirupur Cluster Park, 218  
 Torrent Pharmaceutical, 121, 142, 154

- tradable sectors, 50, 280
- trade. *See also* exports, imports  
 agent of change, 13, 279–280  
 effect on pharmaceutical industry, 113  
 interplay of domestic and international forces, 277–279  
 Uruguay round changes, 40
- Trade Facilitation Agreement, 3, 62
- trade liberalization  
 after 1991 reforms, 66  
 causes, 17  
 delays, 19  
 history, 12  
 resistance to, 7  
 setback, 13
- Trade Negotiations Committee (WTO), 71
- trade policy. *See also* Ministry of Commerce (MOC), WTO (World Trade Organization), pharmaceutical policy, textile policy  
 before 1990s, 63–64  
 domestic institution theories, 55–57  
 effects, 281  
 factorial theories, 54  
 in democracies, 110  
 making, 76–77  
 post-1998, 15  
 research focus, 53  
 sectoral theories, 54
- Trade Policy Division (TPD) of MOC, 77, 79, 80
- Trade Policy Monitoring, 41
- Trade Policy Review Body (WTO), 41, 71, 82
- trade policymaking process  
 authority, 56  
 effects of WTO on business, 63, 102–106  
 opening, 15  
 opening up, 15  
 state–society interactions, 98–102  
 WTO reviews, 72
- trade sanctions, 41, 108
- trade study  
 approach, 24  
 data collection, 25–27  
 sources, 27–28
- trade to GDP ratio, 3, 10, 11, 31, 274, 279, 280
- tradedraft, 63, 76, 107
- transaction costs  
 defined, 36  
 effects, 18, 32, 37–39, 63, 69  
 of global regimes, 72  
 overview, 36–37  
 testing role of, 46–48
- Transfer of Technology and Development, 200
- Translational Legal Order (TLO) framework, 32, 60–61
- triangular framework. *See* Global Design-in-Motion (GDM) framework
- triangular theoretical framework. *See* Global Design-in-Motion (GDM) framework
- TRIPS (Trade-Related Agreement on Intellectual Property)  
 effect on pharmaceutical industry, 20, 129, 263–264  
 effects on patent regime, 93–95  
 effects on patents, 129  
 effects on sectors, 49  
 enforceable nature, 129  
 future market information from, 249, 250  
 India's acceptance, 130  
 India's compliance process, 130–131  
 India's failed compliance, 130  
 India's implementation of, 69  
 initial attitude to, 108–109  
 nested negotiations, 37  
 overview, 69–70
- Tropical Clothing Company, 217
- two-level games framework, 58–59
- tying of one's hand, 161
- Uiopoulos, Theo, 266
- UNCTAD, 76, 86
- unintended effects  
 of globalization, 24, 38, 66  
 on pharmaceutical industry, 124–129
- Union Cabinet, 99
- Union Petroleum, 157
- United Nations Conference on Trade and Development, 63
- United States  
 a biggest trader, 71  
 anti-dumping, 97  
 as global power, 17  
 bilateral agreement with India, 62  
 cotton production, 162  
 effect on pharmaceutical industry, 111  
 textile exporter, 181  
 trade pressure, 13, 44, 89–90, 108, 109, 111, 128, 131–136
- unregulated markets, 267
- Uppal, Virendra, 21, 268
- Uruguay round of trade talks  
 Agreement on Textiles and Clothing (ATC), 177  
 global trade transformation, 40  
 India's failure at, 62, 64

Cambridge University Press

978-1-107-13723-3 - Globalizing India: How Global Rules and Markets Are Shaping India's Rise to Power

Aseema Sinha

Index

[More information](#)

## 332 Index

- Uruguay round of trade talks (cont.)  
 India's joining of WTO, 130  
 India's performance, 73, 74, 98  
 nested agreements, 37  
 scope of change, 52, 67  
 secrecy surrounding, 102, 104  
 WTO creation, 129
- US–EU proposal, 75
- USFDA, 147, 260, 262, 264, 269
- US–India Business Council, 25
- USTR (United States Trade Representative), 25, 48
- Vaghela, Shankersinh, 201
- Vajpayee, Atal Behari, 2, 92, 189
- value addition (textiles), 215, 218
- Vanaik, Achin, 54
- Vardhman Industries, 212, 216, 220
- Varshney, A, 108
- Venktaramanan, S., 99, 102
- village industries (textiles), 168
- weaving sector (textiles), 214
- Webb, S., 110
- Welspun, 216, 217
- Welspun Industries, 216
- Western markets, 267
- WHO (World Health Organization)  
 certification, 269–271  
 prequalification program, 269
- WHO-GMP (Good Medical Practices and Standards), 269
- WIPO (World Intellectual Property Organization), 41, 129
- Wockhardt Americas, Ltd., 262
- Wockhardt, Ltd. (pharmaceutical company), 260–262
- woodwork reformers, 15  
 defined, 5  
 effect on economic policy, 15  
 importance, 16, 274  
 in textile industry, 188–190  
 role in reform, 19
- World Bank, 6, 41, 43
- WTO (World Trade Organization). *See also*  
 Dispute Settlement Board (DSB),  
 market mechanisms, non-market  
 mechanisms  
 agreements, 6, 67, 69, 83  
 Article XVIII, 64  
 compliance instruments, 41, 42–43  
 dynamic nature, 66  
 joining, 130  
 mechanisms, 33  
 meetings, 41  
 ministerial conferences, 70–71  
 nestedness, 46, 48  
 origin, 40, 65, 67, 129  
 permanent bodies, 71–72  
 research studies, 84  
 role of, 6  
 single undertaking principle, 37  
 structure, 52, 65, 67, 71–72  
*versus* GATT, 40
- WTO (World Trade Organization)  
 compliance  
 effect on business–state relations,  
 102–106  
 effect on ministries, 88, 91–92  
 effect on sectors, 18, 49  
 effect on state, 10, 13, 17, 38, 46, 63, 66,  
 107, 284  
 effect on Tariff Commission, 95–97  
 effect on trade policy process, 98–102  
 effects of structure, 72–73  
 effects on institutions, 91–92
- Young, 49