New World Order Series : THREE

TECHNOLOGY TRANSFER BY MULTINATIONALS (PART I)

. She the

:. <u>-</u>*

Γ.

Editors

H.W. Singer Institute of Development Studies at the University of Sussex Brighton, London (England)

> Neelambar Hatti Lund University Lund (Sweden)

Rameshwar Tandon Institute for Social and Economic Change Bangalore (India)

ASHISH PUBLISHING HOUSE

8/81, Punjabi Bagh New Delhi-110026

Contents

e.

(PART I)

.

•

Introduction	(v)		
cknowledgements	(xxi)		
Contribution	(xxvii)		
PART A			
Issues of Conflict and Control			
1. Transfer of Technology : A One-Way Street —H.W. Singer	3		
2. Technology : Major Issues for Policy in the 1980s —Frances Stewart	17		
3. Accumulation and the Transfer of Technology : Issues of Conflict and Mechanisms for the Exercise of Control —Raphael Kaplinsky	46		
PART B			
Global Efforts for Technology Transfer and Diffusion			
 The Global Corporation : Reflections on Conglo- merate Annexation — Frederick F. Clairmonte 	107		
 Operational Relevance of Third World Multination to Collective Self-Reliance : Some Problems, Provocations and Possibilities 	_		
···· — Reginald Herbold Green	136		

(xxiv)

6.	Transnational Enterprises and the Lima Target — Constantine Vaitsos	160
	PART C	
	Multinationals and Technological Deve- lopment in the Host Countries : Recent Experience	
7.	Low Profit Invention and High Profit Innovation in Technological Change —Andre Gunder Frank	183
8.	Transnational Enterprises in the Manufacturing Sector of the Less Developed Countries -G.K. Helleiner	203
9.	Exports of Technology by Newly-Industrializing Countries, India —Sanjaya Lall	224
10.	Technology Transfer and MNCs —S. Shiva Ramu	292
11.	Technology Transfer : Critical Issues and Strategy Options—A Review of Indian Situation —K.K. Subrahmanian and P. Mohanan Pillai	307
12.	Capital Goods Sector in India Past and Present Trends and Future Prospects —M.R. Bhagavan	336
13	. Indigenous and Foreign Determinants of Technological Change in India Industry	
	—Ashok V. Desai	400
	PART D	
	Technological Change in the North : Options for the South	
14.	International Diffusion of Technology, Indus-	

trial Development and Technological Leap-Frogging --Luc Soete

(xxv)

15.	Export-Oriented Growth : A Large International Firm in a Small Developing Industry —Raphael Kaplinsky	466
16.	Technology, Employment and Growth : Dualism in the Indian Economy Charles P. Staelin	488

.

.