## Contents

1.	INCLUSIVE GROW IT: VISION AND STRATEGY	1
2.	MACROECONOMIC FRAMEWORK	25
3.	FINANCING THE PLAN: FINANCIAL RESOURCES: CENTRE AND STATES	34
4.	EMPLOYMENT PERSPECTIVE AND LABOUR POLICY	63
5.	SKILL DEVELOPMENT AND TRAINING	87
6.	SOCIAL JUSTICE: SCHEDULED CASTES, SCHEDULED TRIBES, OTHER BACKWARD CLASSES, MINORITIES AND OTHER VULNERABLE GROUPS	101
7.	SPATIAL DEVELOPMENT AND REGIONAL IMBALANCES	137
	<ul><li>7.1 Regional Imbalances 137</li><li>7.2 North Eastern Region 151</li></ul>	
8.	INNOVATION AND TECHNOLOGY	165
9.	ENVIRONMENT AND CLIMATE CHANGE	191
	<ul> <li>9.1 Environment 191</li> <li>9.2 Climate Change 203</li> <li>9.3 Disaster Management 207</li> </ul>	
10.	GOVERNANCE	223
11.	CONSUMER PROTECTION AND COMPETITION POLICY	246
12.	DEVELOPMENT OF INFRASTRUCTURE	254
13	EXTERNAL ENVIRONMENT: OPPORTUNITIES CHALLENGES AND RISKS	265

## **Tables**

1.1	Investment in Infrastructure	11
2.1	Growth Performance in the Five Year Plans	25
2.2	Macroeconomic Parameters	26
2.3	Sectoral Growth in Recent Plans	26
2.4	Investment and Savings Rates	27
2.5	Total and Public Investment in the Ninth and Tenth Plans	28
2.6	Composition of Saving	30
2.7	Balance of Payments	31
3.1	Projected vis-à-vis Realized Financing Pattern of the Plan Outlay of the Centre (including UTs)	35
3.2	Non-Plan Revenue Expenditure (NPRE) and its Components	36
3.3	Gross Fiscal Deficit	36
3.4	Core Tenth Plan Resources of States and UTs	37
3.5	Projection of the Eleventh Plan Resources of the Centre	40
3.6	Tenth Plan Realization and Eleventh Plan Projection of Resources of the Centre	40
3.7	Eleventh Plan Resources of States and UTs	41
3.8	Core Tenth Plan Realization and Eleventh Plan Projection of Resources of States and UTs	41
3.9	Comparison of Tenth Plan Realization with Eleventh Plan Projection of Resources	42
3.10	Plan Resources as Per Cent of GDP	43
3.11	Public Sector Allocation for Eleventh Plan	44
3.12	GBS Allocation in Tenth and Eleventh Plans	44
3.13	Sectoral Allocation—Tenth Plan and Eleventh Plan	45
3.14	Projected Central Assistance to States/UTs for Eleventh Plan	46
4.1	Past and Present Scenario on Employment and Unemployment	65
4.2	Sector-wise Share of Employment by Current Daily Status	66
4.3	Annual Increase in Workforce by Category of Employment	66
4.4	Sector-wise Performance and Targets of Employment	67
4.5	Growth in Organized Employment	67
4.6	Non-Agricultural Workers by Size and by Ownership of Establishment	68
	(Usual Principal Status Basis)	
4.7	Distribution of Workers by Type of Employment and Sector	69
4.8	Unemployment Rate among Youth (Age Group 15–29 Years)	70
4.9	Unemployment Rates for Persons of Age 15 Years and above by Level of Education	70
	on Current Weekly Status (CWS) Basis	

4.10	Incidence of Unemployment among Rural Agricultural Households	71
4.11	Unemployment Rate according to Usual Status (ps+ss) for Scheduled Castes	71
	during 1983 to 2004–05	
4.12	Unemployment Rate according to Usual Status (ps+ss) for Scheduled Tribes during 1983 to 2004–05	71
4.13	Estimated Number of Children (5–14 Years) in the Labour Force, Workforce,	72
	and Unemployed—All India (CDS Basis)	
4.14	Past and Present Macro Scenario on Employment and Unemployment—Male and Female	73
4.15(A)	Population, Labour Force, Employment Projections	75
4.15(B)	Projected Population, Labour Force, and Employment in Different Periods	75
4.16	Projected Increase in Number of Workers by Sector, 2007–12 and 2007–17	76
6.1	Comparative Incident of Crime against Scheduled Castes	103
6.2	Literacy Rate of General Population and SC Population, 1961–2001	105
6.3	Dropout Rates, 2004–05—SC (Provisional)	105
6.4	Percentage of Working and Non-working Population (Total and SCs), 2001	106
6.5	Population Living Below Poverty Line—SC (1993–94 and 2004–05)	107
6.6	SC Representation in Central Government Services in 1994, 1999, and 2004 (as on 1.1.2004)	107
6.7	Literacy Rate of General Population and ST Population during 1961–2001	113
6.8	Dropout Rates, 2004–05—ST (Provisional)	113
6.9	Percentage of Working and Non-working Population (Total and STs)	113
6.10	Population Living Below Poverty Line—ST (1993–94 and 2004–05)	114
6.11	Percentage of ST Representation in Central Government Services in 1994, 1999, and 2004 (as on 1.1.2004)	114
6.12	Salient Features of Schemes for Other Backward Classes (OBCs)	119
6.13	Percentage of OBC Representation in Central Government Services (as on 1.1.2004)	120
6.14	Literacy Rate among all Religious Communities in 2001	124
6.15	Children Currently Studying—Proportion of Population by Age Group, 2004–05	124
6.16	Work Participation Rate by Male and Female Population in Minority Communities	126
6.17	Distribution of Category of Workers	126
6.18	Percentage of Elderly Persons to Total Population	134
7.1.1	Growth Rates in State Domestic Product in Different States	138
7.1.2	State-wise Growth Target for the Eleventh Five Year Plan	139
7.1.3	Disparity in per capita GSDP	140
7.1.4	Criteria and Weights	141
7.1.5	Criteria and Weights under Gadgil Mukherjee Formula	141
7.1.6	Inter-se Shares	142
7.1.7	Allocation of Funds to States/UTs during 2007–08 under various Centrally Funded Schemes	144
7.1.8	Disparities in State HDI	150
7.2.1	Central Assistance as Percentage of GSDP during the Tenth Plan	152
7.2.2	Sector-wise Investment by NEC from 1973 to 2006–07	153
7.2.3	Indicators of Banking Development in the North East	155
9.1.1	Changes in Environment Clearance Notification, 2006	192
9.1.2	Notified Standards for Water Quality	196
9.1.3	Water Quality Data for River Ganga (Summer Average, March–June)	198
9.1.4	Water Quality Data for River Yamuna (Summer Average, March–June)	198
9.3.1	National Disaster Mitigation Programme—Year-wise Allocation of Funds in the Tenth Five Year Plan	208
10.1	List of Mission Mode Projects	234

#### xvi Tables

12.1	GCF in Infrastructure Based on Growth Targets (Top-down Estimates)	255
12.2	Projected Investment as Percentage of GDP (Bottom-up Estimates)	257
12.3	Sector-wise Investment Anticipated in the Tenth Plan and Projected for the Eleventh Plan	257
12.4	Projected Investment in Infrastructure during Eleventh Five Year Plan	258
12.5	Projected Investment in Rural Infrastructure	259
12.6	Source-wise Projected Investment	260
12.7	Likely Sources of Debt	260
13.1	Composition of Exports during the Tenth Plan	266
13.2	Direction of India's Exports	267
13.3	Broad Composition of Imports	268
13.4	Direction of India's Imports	268
13.5	India's Trade Balance	269
13.6	Balance of Trade and Petroleum Products	269
13.7	Simple Average Applied Rate (Total)	270
13.8	India's Exports and Imports of Disaggregated Services, 1990–2003	272
13.9	Revealed Comparative Advantage (RCA) of India in Services	272
13.10	Composition of India's Services Exports	273
13.11	Foreign Investment Flows during Tenth Plan Period	278

# Figures

5.1	Demographic Profiles of Select Countries	90
5.2	Aggregate Suitable Graduate Talent Pool for Offshore IT and BPO Industries	91
9.1.1	Urban Air Quality in Select Asian Cities, 2000–04	195
10.1	Delivery System for Implementation of NREGP	235

### Boxes

3.1	FRBMA, 2003 and Fiscal Consolidation	3,
3.2	Thrust Areas of the Eleventh Plan	46
4.1	The Three Kinds of Estimates of the Unemployed	64
4.2	A Thirteen Point Action Plan Suggested by the NCEUS for Employment in the	
	Unorganized Sector	81
6.1	Major Scholarship Schemes under the Ministry of Social Justice and Empowerment	102
6.2	Main Guidelines for SCSP and TSP	104
6.3	SCSP and TSP—The Way Ahead	110
6.4	Important Constitutional Provisions for Minorities	122
6.5	Condition of Muslims as Reflected by the Sachar Committee Report	123
6.6	Prime Minister's New 15-Point Programme for the Welfare of Minorities	125
7.2.1	Critical Parameters for Growth of the North Eastern Region	159
8.1	Major Achievements of DAE (R&D Sector) during the Tenth Five Year Plan Period	173
8.2	Major Achievements of DoS during the Tenth Five Year Plan Period	175
8.3	Major Achievements of DBT during the Tenth Five Year Plan Period	177
8.4	Major Achievements of DST during the Tenth Five Year Plan Period	180
8.5	Major Achievements of DSIR/CSIR during the Tenth Five Year Plan Period	182
8.6	Major Achievements of MoES during the Tenth Five Year Plan Period	186
9.1.1	Strategy to Control Vehicular Emissions	196
10.1	Legislative and Institutional Framework	242
12.1	Infrastructure—Deficit and Eleventh Plan Physical Targets	255

#### Annexures

3.1	Sectoral Allocation for Public Sector's Resources—Tenth Plan (2002–07) Realizations and	52
	Eleventh Plan (2007–12) Projections	
3.2	Budget Support, IEBR, and Outlay for Central Ministry/Department—Tenth Plan	53
	(2002–07) Realizations and Eleventh Plan (2007–12) Projections	
3.3	Proposed Sectoral Allocations for States and Union Territories in the Eleventh Plan	56
4.1	Population, Labour Force, Employment, and Unemployment (1993–94 to 2016–17)	82
4.2	Annual Growth Rate of GDP per Worker	83
4.3(A)	Percentage Distribution of Employed Persons by Category of Employment	83
	(CDS)—Rural India	
4.3(B)	Percentage Distribution of Employed Persons by Category of Employment	83
	(CDS)—Urban India	
4.3(C)	Percentage Distribution of Employed Persons by Category of Employment	84
	(CDS)—All India	
4.4	Conditions of Employment of Regular Wage/Salaried Workers—2004–05	84
4.5	Distribution of Regular Wage/Salaried Workers by Type of Enterprise	84
4.6	Growth of Average Daily Wage Earnings in Rural India (at 1993–94 price)	85
4.7	The Working Poor in India by Gender, Location, and Category of Employment,	85
	1999–2000 and 2004–05	
4.8	Net Migrants Rate (1991–2001)	86
5.1.1	Current Attendance Rates in Educational Institutions per 1000 Persons of Different	98
	Age Groups during 2004–05	
5.1.2	Labour Force Participation Rates by Age, Area, and Sex during 2004–05 (CDS)	98
5.1.3	Per 1000 Distribution of Persons in the Age Group 15–29 Years by Status of Vocational	99
	Training Received or being Received—2004–05	
5.1.4	Number per 1000 Persons of Different Age Groups who Received Formal Vocational	99
	Training—2004–05	
5.2	Potential Labour Surplus/Shortage in Working Age Group across the World (2020)	100
5.3	List of Twenty High Growth Sectors	100
7.2.1	Socio-economic Indicator of North East and India	161
7.2.2 (a)	Central Assistance for State Plans during the Tenth Plan (2002–07)	163
7.2.2 (b)	Central Assistance to NE States, including NLCPR and NEC and per capita Assistance (eight States taken together)	163
7.2.3	Year-wise Expenditure by Central Ministries in NER	164
	= *	

#### xx Annexures

7.2.4	Investment in NER during the Tenth Five Year Plan	164
8.1	Progress of Plan Expenditure of Central Scientific Departments	188
8.2	Major Deliverables of Scientific Departments during the Eleventh Five Year Plan	189
9.1	Financial Performance in the Tenth Plan	215
9.2	Physical Performance of Important Plan Schemes of the Tenth Plan	218
9.3	Projects/Schemes Identified by the Working Group/NDMA for being taken up by	219
	NDMA/MHA for Implementation during the Eleventh Plan	
9.4	Tenth Plan Outlay and Actual Expenditure in Environment and Forest Sectors	220
	(States and UTs)	
9.5	State-wise and Scheme-wise Releases of Central Funds to ongoing CSS under	221
	MoEF during the Tenth Plan	
12.1	Anticipated Plan Investment in Infrastructure in the Tenth Plan	263

# Acronyms

ACA	Additional Central Assistance	CBWTF	Common Bio-medical Waste Treatment
ADIP	Assistance to Disabled Persons for		Facilities
	Purchase/Fitting of Aids/Appliances	CCPD	Chief Commissioner for Persons with
AHWR	Advanced Heavy Water Reactor		Disabilities
AIBP	Accelerated Irrigation Benefit Programme	CDB	Core Database
AICTE	All India Council for Technical Education	CCI	Competition Commission of India
AICOPTAX	All India Coordinated Project on	CDC	Consultancy Development Centre
	Taxonomy	CDM	Clean Development Mechanism
APDRP	Accelerated Power Development and	CDS	'Current Daily Status' Basis
	Reform Programme	CETP	Common Effluent Treatment Plant
APSARA	Assessment of Passive System Reliability	CFC	Certified Filing Centre
APTA	Asia-Pacific Trade Agreement	CHC	Community Health Centre
AR4	Fourth Assessment Report	CIN	Corporate Identity Number
ARC	Administrative Reforms Commission	$CO_2$	
ASHA	Accredited Social Health Activist	COS	Committee of Secretaries
ATI	Advanced Training Institute	CPCB	Central Pollution Control Board
		CPSE	Central Public Sector Enterprise
BADP	Border Areas Development Programme	CPSU	Central Public Sector Units
BCR	Balance from Current Revenues	CSC	Common Service Centre
BOD	Biochemical Oxygen Demand	CSIR	Council of Scientific and Industrial
BPL	Below Poverty Line		Research
BPO	Business Process Outsourcing	CSO	Civil Society Organization
BRGF	Backward Regions Grants Fund	CSS	Centrally Sponsored Schemes
BSI	Botanical Survey of India	CSTC	Central Standing Tripartite Committee
BTX	Benzene, Toluence, and Xylene	CWS	Current Weekly Status
CAAPs	Clean Air Action Plans	DAE	Department of Atomic Energy
CAD	Computer Aided Design	DBT	Department of Biotechnology
CADP	Command Area Development Programme	DDP	District Domestic Product
CAM	Computer Aided Manufacturing	DEM	Digital Elevation Map
CAPART	Council for Advancement of People's	DGCA	Director General Civil Aviation
	Action and Rural Technology	DIN	Director Identification Number
CBO	Community-based Organization	DIT	Department of Information Technology

DLCP	Dal Lake Conservation Project	HDI	Human Development Index
DMS	Data Management System	HDR	Human Development Reports
DO	Dissolved Oxygen	HLC	High Level Committee
DoNER	(Ministry of) Development of North	HPI	Human Poverty Index
	Eastern Region	HRD	Human Resources Development
DoS	Department of Space		
DPC	District Planning Committees	IAY	Indira Awaas Yojana
DRM	Disaster Risk Mitigation	ICAR	Indian Council of Agricultural Research
DSIR	Department of Scientific and Industrial Research	ICDS ICFRE	Integrated Child Development Scheme Indian Council of Forestry Research and
DST	Department of Science and Technology		Education
EAP	Externally Aided Projects	ICOR	Incremental Capital Output Ratio
		IEBR	Internal and Extra Budgetary Resources
EBR	Extra-Budgetary Resources	IIFCL	India Infrastructure Finance Company Ltd.
ECB	External Commercial Borrowing	IITM	Indian Institute of Tropical Meteorology
EDI	Entrepreneurship Development Institutes	IMD	India Meteorological Department
EIA	Environmental Impact Assessment	INO	Indian Neutrino Observatory
ENVIS	Environment Information System	INSPIRE	Innovation in Science Pursuit for
FAIR	Facility for Antiproton and Ion Research	IPCC	Inspired Research' Intergovernmental Panel on Climate
FDI	Foreign Direct Investment	IFCC	Change
FII	Foreign Institutional Investment	IT	Information Technology
FIPB	Foreign Investment Promotion Board	ITES	IT enabled services
FOB	Free on Board	TIES	11 chabled services
FRBM	Fiscal Responsibility and Budget	JFM	Joint Forest Management
FKDIVI	Management Management	JNNURM	Jawaharlal Nehru National Urban
FTA	Free Trade Agreement	JININOIKIVI	Renewal Mission
TIA	rice irade Agreement	JRF	Junior Research Fellow
GAP	Ganga Action Plan	JICI	Junior Research Tenow
GBPIHED	GB Pant Institute of Himalayan	LGBRIMH	LGB Regional Institute of Mental Health,
GDI II ILD	Environment and Development	LODKIMIT	Tezpur
GBS	Gross Budgetary Support		iczpui
GCI	Global Competitive Index	MCA	Model Concession Agreements
GDP	Gross Domestic Product	MFP	Minor Forest Produce
$GDP_{mp}$	Gross Domestic Product at market prices		Milligram
GEF	Global Environment Facility	mg MLD	Million Litres per Day
GER	Gross Enrolment Ratio	MMA	Ministry of Minority Affairs
GHG	Green House Gas	MMPs	Mission Mode Projects
GIS	Geographical Information System	MNRE	Ministry of New and Renewable Energy
GMO	Genetically Modified Organism	MoEF	Ministry of Environment and Forests
GMP	Good Manufacturing Practices	MoES	Ministry of Environment and Forests  Ministry of Earth Sciences
GoI	Government of India	MSEs	Micro and Small Enterprises
GSLV	Geosynchronous Launch Vehicle	MSMEs	Micro, Small and Medium Enterprises
GSLV	Goods and Service Tax	MSP	Minimum Support Price
GSTP	Global System of Trade Preferences	MW <sub>e</sub>	Megawatt electrical
	·		
HACCP	Hazard Analysis and Critical Control Points	NBCFDC	National Backward Classes Finance and
HADP	Hill Area Development Programme		Development Corporation
HBNC	Home Based Newborn Care	NCA	Normal Central Assistance

NCCS	National Centre for Cell Science	PAH	Polyaromatic hydrocarbons
NCEUS	National Commission for Employment	PCB	Pollution Control Board
	in the Unorganized Sector	PESA	Panchayat (Extension to Scheduled
NCMP	National Common Minimum Programme		Areas) Act
NCMRWF	National Centre for Medium Range	PFBR	Prototype Fast Breeder Reactor
	Weather Forecasting	PHC	Primary Health Centre
NCP	National Competition Policy	PHWR	Pressurized Heavy Water Reactor
NDC	National Development Council	PIM	Participatory Irrigation Management Act
NDMA	National Disaster Management Authority	PMGSY	Pradhan Mantri Gram Sadak Yojana
NDMP	National Disaster Mitigation Programme	POL	Petroleum, Oil and Lubricants
NEC	North East Council	PPP	Public-Private Partnership
NEMP	National Environmental Monitoring	PPPAC	Public-Private Partnership Appraisal
	Programme		Committee
NEPA	North East Police Academy	PRI	Panchayati Raj Institution
NFHS	National Family Health Survey	PSE	Public Sector Enterprise
NHDP	National Highways Development	PSLV	Polar Satellite Launch Vehicle
	Programme	PSU	Public Sector Undertaking
NIC	National Informatics Centre	PTG	Primitive Tribal Group
NITA	National Institute of Tribal Affairs		
NISER	National Institute of Science Education	QR	Quantitative Restriction
	and Research, Bhubaneswar		
NLCP	National Lake Conservation Plan	RCA	Revealed Comparative Advantage
NLCPR	Non-Lapsable Central Pool of Resources	RD	Rural Development
NMITLI	New Millennium Indian Technology	RFP	Request for Proposal Document
	Leadership Initiative	RGGVY	Rajiv Gandhi Grameen Vidyutikaran
NMNH	National Museum of Natural History		Yojana
NPOP	National Policy on Older Persons	RIMS	Regional Institute of Medical Sciences
NPRE	Non-Plan Revenue Expenditure	RIPAN	Regional Institute of Para-medical and
NRCD	National River Conservation Directorate		Nursing
NRCP	National River Conservation Plan	RKVY	Rashtriya Krishi Vikas Yojana
NREGA	National Rural Employment Guarantee	RRB	Regional Rural Bank
	Act	RSPM	Respirable Suspended Particulate Matter
NREGP	National Rural Employment Guarantee	RTI	Right to Information Act
	Programme		
NRHM	National Rural Health Mission	SAFTA	South Asian Free Trade Agreement
NRI	Non Resident Indian	SARDP-NE	Special Accelerated Road Development
NRM	Natural Resource Management		Programme for the North East
NSAP	National Social Assistance Programme	SBBs	State Boards
NSDP	Net State Domestic Product	SC	Scheduled Caste
NSFDC	National Scheduled Castes Finance and	SCA	Special Central Assistance
	Development Corporation	SCDC	Scheduled Castes Development
NSSO	National Sample Survey Organization		Corporation
NSTFDC	National Scheduled Tribes Finance and	SCSP	Scheduled Caste Sub Plan
	Development Corporation	SDC	Skill Development Centre
NTFP	Non Timber Forest Produce	SDH	Sub-Divisional Hospital
		SERC	Science and Engineering Research
OBC	Other Backward Class		Council
		SFR	State of Forest Report
PAB	Project Approval Board	SGRY	Sampoorna Grameen Rozgar Yojana

#### xxiv Acronyms

SGSY	Swarnjayanti Gram Swarojgar Yojana	UIDSSMT	Urban Infrastructure Development
SHDR	State Human Development Reports		Scheme for Small and Medium Towns
SHE	Scholarships for Higher Education	ULBs	Urban Local Bodies
SHG	Self-Help Group	UNCRPD	United Nations Convention on the
SJSRY	Swarna Jayanti Shahri Rozgar Yojana		Rights of People with Disabilities
SME	Small and medium scale enterprise	UNESCO	United Nations Educational, Scientific
$SO_2$	Sulphur Dioxide		and Cultural Organization
SoI	Survey of India	UNFCCC	United Nations Framework Convention
SSA	Sarva Siksha Abhiyan		on Climate Change
ST	Scheduled Tribe	UNODC	United Nations Office on Drug and
STP	Sewage Treatment Plant		Crime
SWAN	State-Wide Area Network	UPSS	Usual Principal and Subsidiary Status
		us	Usual Status
TAC	Tribes Advisory Council	USOF	Universal Service Obligation Fund
TBA	Traditional Birth Attendant	UT	Union Territory
TFC	Twelfth Finance Commission		
TPDU	Technology Promotion, Development	VET	Vocational Education and Training
	and Utilization Programme	VGF	Viability Gap Funding
TRIFED	Tribal Cooperative Marketing	VO	Voluntary Organization
	Development Federation of India Ltd.	VOC	Volatile Organic Compound
TSC	Total Sanitation Campaign	VRC	Village Resource Centre
TSDF	Transport, Storage and Disposal Facilities	WGDP	Western Ghats Development Programme
TSP	Tribal Sub Plan	WPR	Work Participation Rate
TTC	Technology Transfer Cell		
		ZPs	Zilla Panchayat
UGC	University Grants Commission	ZSI	Zoological Survey of India
UID	Unique ID		·