Index

Aam Aadmi Bima Yojana (AMBI), 192
Abject poverty, 58–59
Above the poverty line (APL), 105
Absolute poverty, 58–59
Absolute pro-poor growth, 33
Accelerated Irrigation Benefit Programme (AIBP), 140
Accelerated Rural Water Supply Programme (ARWSP), 14, 74, 79–81
Accessibility to potable drinking water and sanitation, 189
Accredited Social Health Activists (ASHAs), 135
Accumulation, 3
Advocacy of inclusive growth in India, 37
Akaike information criterion (AIC), 152
Alternate hypothesis, 56
Alternative and Innovative Education (AIE), 76
Analysis of variance (ANOVA), 145
Anganwadi Centres (AWCs), 15, 74
Anganwadi helpers (AWHs), 74
Anganwadi workers (AWWs), 74
Annapoorna Anna Yojana, 105
Annapurna Yojana (1999), 16, 105
Annual Budgets, 42
Antyodaya Anna Yojana (AAY), 16, 95–97, 105, 134
Asset generation, 10
Augmented Dickey–Fuller test (ADF test), 54, 150
Auto regressive lag model, 150–162, 175–185
Auto-regressive distributed lag (ARDL)
Autoregressive distributed lag model (ARDL model), 39, 42, 55–57, 150–152
Ayushman Bharat Mission, 194
Ayushman Bharat National Health Protection Mission, 194

Backward stepwise multiple regression analysis, 142
Bartlett's test of sphericity, 47, 129
Below the poverty line (BPL), 70, 105
Bharat Nirman Programme (BNP), 17, 73–74
Block development officer (BDO), 13
Booms, 24
Breusch–Godfrey serial correlation LM test, 56–57, 152–154
Breusch–Pagan–Godfrey heteroskedasticity test, 56–57, 152, 154

Capital, 2
  accumulation, 1
  resources, 1
Central government expenditure, 20
Chronic poverty, 21, 37, 137
Classical development economics, 23
Classical economists, 23
Coefficient of variation, 42–46
Cointegration test, 56
Collinearity statistics, 148
Common Minimum Programme of the Government, 16
Community development, 13
Community Development Programme (CDP), 13–14, 68–70
Community health centres (CHCs), 70

Community sanitary complexes (CSC), 82
Component loadings, 47, 49
Composite index of inclusive growth as dependent variable, 58–62
Compound growth rates, 46
Constant, 50–51
Construction workers, 65
Cooperation, 26

Depressions, 24
Descriptive statistical analysis, 129
Destitution, elimination of, 58
Development, 23–24
  planning in India, 20
Diagnostic tests, 152–156
Direct benefit transfer (DBT), 175, 191
Discrimination in India, 28
Disparities in income, 59
Distributive policies, 39
District Industries Centres (DICs), 86
District Rural Development Agency (DRDA), 84
Drought Prone Areas Programme (DPAP), 14
Durbin–Watson statistics, 51
Durbin–Watson test (DW test), 145

Eastern strategy, 12, 26
Economic development, 1–2, 5, 34, 38
Economic growth, 1, 3, 24–25, 41, 125 (*see also* Inclusive growth)
  via productive employment, 19
Economic inclusion, 60–61
Economic services, 9
Economic Surveys, 42
Economic welfare, 3
Economic well-being, 5
Economically weaker sections (EWS), 188
Education, 8, 25, 38, 74–79, 188
Education and Health-related Programmes, 30
Educational Guarantee Scheme (EGS), 76
Eigenvalue, 48
Eighth Five-year Plan (FYP), 7, 16
Eleventh FYP, 17–18
Employment, 38, 188
  employment-intensive growth, 4
  generation, 10, 37, 190
  opportunities, 34
Employment Assurance Scheme (EAS), 87, 191
Employment Guarantee Scheme, 190
Empowered Action Group (EAG), 77
Empowerment, 26
Endemic deprivation, 28
Endogenous growth theory, 2, 24
Entrepreneur, 2
Equal opportunity, 34
Equality, 26
Equitable distribution, 4
Equity, 17, 26, 34
Error correction mechanism (ECM), 158
Escalating returns concept, 1
Expanding returns model, 3
Expenditure incurred on different components of social sector development, 62

F-test, 51
Fair opportunities for employment options, 59
Fair price shops (FPS), 105
Family welfare schemes, 74–79
Financial inclusion, 40
Five Year Plans, 100–106
Food Corporation of India (FCI), 95
Food for Work Programme, 30, 190
Food grains, 66
Food storage and warehousing, 95–97
Fourth FYP, 13–14
Free disposable hull (FDH), 32
Funds, 30

Gender balance in parliament, 61
Gender parity index (GPI), 61
Gini coefficient, 59

GNP deflators, 42
Government of India, 15, 20
Government spending on social sector and inclusive growth, 142–150
Government websites, 42
Gram Panchayat, 196
Granger causality test, 39
Gross domestic product (GDP), 7, 29, 100, 133
Gross enrolment ratio, 63

Head count ratio, 59
Health, 8, 25, 74–79
  infrastructure, 189
Healthcare infrastructure, 63
High Yielding Varieties Programme (HYVP), 14, 93–95
Housing
  development, 188–189
  schemes, 64
  and Urban Development Programmes, 29–30, 83–84
Human capital, 1–4, 24
  accumulation, 2, 24
  investment in, 5
Human development, 3, 21, 24, 26
  approach, 12
  dimensions of growth, 1–3, 23–25
  measures, 5–8
  social sector and, 9–10
  social welfare and, 25–27
Human development index (HDI), 5, 26
  and components, 6
Human Development Reports (HDRs), 61
Human health, 2
Human-centric approach, 4

Inclusive approach, 7–8
Inclusive growth, 125, 140
  constructing composite index of India's inclusive growth, 127–138
  contribution, 141–185
  dimensions, 18–19
  government measures, 190–194
  index, 48–49
  in India, 18–19, 36–40
Inclusive growth, 33–36
Inclusiveness, 34, 38, 140
Inclusivity of growth, 35
Income-led approach, 28
India
  economic reforms, 106–124
  inclusive growth in, 18–19
  social sector development programmes in, 12–17
  social sector development scenario in, 10–12
Indian economy, 11–12
Indian Human Development Report (IHDR), 5
Indira Awaas Yojana (IAY), 15, 74, 83
Individual household latrines (IHHL), 82
Inequality, 28, 38
Innovations, 2
Institutional dimensions, 19
Intangible assets, 2
Integrated Child Development Services (ICDS), 15, 30, 74–75, 140
Integrated Rural Development Programme (IRDP), 15, 30, 84–85
Intensified Mission Indradhanush (IMI), 192
Intensive Agricultural Area Programme (IAAP), 14, 92–93
Intensive Agriculture Development Programme (IADP), 14, 90
Intercept, 50–51
International Institute for Population Sciences (IIPS), 63
International Labour Office (ILO), 27
Investment, 1

Japanese encephalitis (JE), 192
Jarque–Bera normality test (JB normality test), 56–57, 152, 155
Jawahar Gram Samridhi Yojana (JGSY), 87, 191
Jawahar Rozgar Yojana (JRY), 83, 191
Johansen cointegration test, 39

Kaiser–Meyer–Olkin measure (KMO measure), 47, 129
Khadi and Village Industries Commission (KVIC), 86

Labour, 2
  proportion of men and women participate in labour force, 60
Labour force participation rate (LFPR), 60
Lag length selection criteria, 152
Laissez-faire economy, 23
Latent root (*see* Eigenvalue)
Liquefied petroleum gas (LPG), 192
Litres per capita per day (LPCD), 80
Lopsided development, 12
Lorenz curve, 59
Lower income groups (LIG), 188

Mahalanobis' strategy, 17
Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA), 17, 87–89, 190–191
  employment creation programme, 60
Mahila Samakhya Programme, 15
Marginalised groups, 39
Measles-rubella vaccine (MR vaccine), 192
Micro-enterprises, 87
Mid-Day Meal Scheme (MDM Scheme), 16, 30, 75–76, 140
Millennium Development Goals (MDGs), 16, 63, 73
Minimum Needs Programme (MNP), 14, 70–72
Minimum support price (MSP), 174
Ministry for Housing and Urban Poverty Alleviation, 17
Ministry of Human Development, 42
Ministry of Rural Development, 15
Ministry of Statistics and Programme Implementation (MOSPI), 42, 59
Mission Indradhanusha, 192
Mixed reference period (MRP), 59
Modified mixed reference period (MMRP), 59
Multicollinearity, 148
Multiple Cropping Programme, 14

Nalagarh Committee, 90
Nation Food Security Act (NFSA), 96
National Common Minimum Programme (NCMP), 73
National Drinking Water Mission (NDWM), 15
National Family Benefit Scheme, 30
National Food for Work Programme, 87
National Old Age Pension Scheme, 16, 30
National Policy on Education (1986), 15
National Programme of Nutritional Support to Primary Education (NPNSPE), 76
National Rural Drinking Water Programme (NRDWP), 80–81, 140
National Rural Employment Guarantee Programme (NREGP), 140
National Rural Employment Programme (NREP), 15, 83, 190–191
National Rural Health Mission (NRHM), 17, 77–78, 134, 140

Nehruvian approach to development, 11–12
Nehruvian/Mahalanobis model, 10
Neoclassical growth model, 2
Neoclassical theory, 1
Ninth FYP, 16
Nirmal Bharat Abhiyaan (NBA), 16, 82, 196
Nirmal Gram Puraskar (NGP), 82
Non-economic variables, 24
Non-parametric methods, 32
Non-standardised inclusive development index, 50
Null hypothesis, 56
Nutrition, 8

On-the-job training, 7, 25
Operation Black Board, 30
Ordinary least square (OLS), 46
Organization for Economic Cooperation and Development (OECD), 128

Panchayat Raj Institutions (PRIs), 81, 196
Parametric methods, 32
Participatory democratic system, 38, 140
Personal well-being, 5
Phillips–Perron test (PP test), 54, 150
Physical capital, 1, 24
  accumulation, 2, 24
Planned economy, 8
Planning Commission, 13
Pneumococcal conjugate vaccine (PCV), 192
Potable water, 64
Poverty, 8, 28, 38, 41, 58
  alleviation programmes, 10, 187
  elimination, 190
  eradication programmes, 187
Pradhan Mantri Gram Sadak Yojana (PMGSY), 16, 140
Pradhan Mantri Jan Arogya Yojana (PMJAY), 194
Pradhan Mantri Jan Dhan Yojana (PMJDY), 191–192
Pradhan Mantri Jeevan Jyoti Beema Yojana (PMJJBY), 192
Pradhan Mantri Kisan Samman Nidhi Yojana, 194
Pradhan Mantri Mudra Yojana (PMMY), 193–194
Pradhan Mantri Suraksha Bima Yojana (PMSBY), 192
Pradhan Mantri Ujjwala Yojana (PMUY), 192
Primary health centres (PHCs), 70
Prime Minister Employment Generation Programme (PMEGP), 86–87
Prime Minister Rozgar Yojana (PMRY), 86–87
Principal component, 47
Principal component analysis (PCA), 42, 47–50
Principal development strategy in India, 187
Pro-poor growth, 18, 125–126
Profit, 1
Project implementation plan (PIP), 82
Promotional measures, 10
Protective measures, 10
Public Allocation Ratio (PAR), 29
Public distribution system (PDS), 30, 68, 105, 135, 174
Public health, 63–64
Punjab Women Empowerment Package (PWEP), 189
Pupil teacher ratio, 63

Quality of Life Index (QLI), 7

Rajeev Awas Yojana (RAY), 17, 83–84, 140
Rajiv Gandhi National Drinking Water Mission (RGNDWM), 15
Ramsey RESET test, 56–57, 152, 154–155

Rashtriya Madhyamik Shiksha Abhiyan (RMSA), 193
Real GDP, 39
Regression analysis, 142–150, 162–175
Regression coefficient, 51
Relative pro-poor growth, 33
Reserved classes, political representation by, 61–62
Reserved group, overall enrolment for, 61
Rogi Kalyan Samitis, 135
Rural development, 90–95
  in India, 140
Rural Employment Generation Programme (REGP), 86
Rural Landless Employment Guarantee Programme (RLEGP), 15, 83, 191
Rural population, benefits provided to, 65
Rural poverty rate, 66

SAARC, 73
Samagra Shiksha Abhiyan, 193
Sampoorna Grameen Rozgar Yojana (SGRY), 87, 134, 191
Sampoorna Gramin Yojana, 30
Sarva Shiksha Abhiyan (SSA), 16, 76–77, 140, 193
Scheduled Caste (SC), 48, 125, 148
Scheduled Castes/Scheduled Tribes (SCs/STs), 83
Scheduled Tribe (ST), 48, 125, 148
Schooling, 7
Schumpeterian growth theory, 2, 24
Schwarz Bayesian criterion, 152
Scoring system, 127–128
Scree Plot, 48
Security, 26
  in market, 34
Sen-Bhagwati debate, 99–100
Sen's social sector development approach, 12
Seventh FYP, 15
Sewage treatments, provision of, 64
Shiksha Sahyog Yojana (2001), 16
Sixth FYP, 15
Slope, 51
Social allocation ratio (SAR), 28–29
Social expenditure-led approach, 28
Social inclusion, 40, 60–61
Social infrastructure, 8
Social Priority Ratio (SPR), 29
Social protection measures, 10
Social safety nets, 19
Social sector, 8, 99
  components, 9–10
  development, 27–32
  development programmes in India, 12–17
  development scenario in India, 10–12
  expenditure, 10, 35
  and human development, 9–10
  hypothesis, 22
  and India's economic reforms, 106–124
  interfaces between social sector development and growth inclusiveness, 19–21
  need and importance of study, 21–22
  objectives of study, 22
  programmes, 29
  research gaps, 40
  Sen-Bhagwati debate, 99–100
Social sector development, 36–41, 100–106, 187
  as catalyst of inclusive growth in India, 141
  contribution, 141–185
  data sources and time reference of study, 42
  education, health, and family welfare schemes, 74–79
  effective implementation, 188–190
  elaboration and discussion on selection of dependent and independent variables of models, 58–66
  food storage and warehousing, 95–97

housing and urban development, 83–84
independent variables, 62–66
labour and employment and social services benefits, 84–89
limitations of study and suggestions for future research, 66
policy implications, 195–197
programmes related to human development, 68–74
quantitative tools to analyse data, 42–57
rural development, 90–95
water supply and sanitation, 79–83
Social security and welfare schemes, 65
Social Security Programmes, 30
Social Security Schemes, 193
Social services, 9
Social welfare, 3–5, 125
and human development, 25–27
Social well-being, 5
Solid and liquid waste management (SLWM), 82
Special Economic Zones (SEZs), 37
Standard of living, 38
Standardised inclusive growth index, 50
State Council of Education Research and Training (SCERT), 193
State Health Agency (SHA), 194
Statistical Abstracts, 42
Stepwise multiple linear regression, 50–54
Stochastic frontier model, 32
Sub-centres (SCs), 70
Sustainability for human development via education, 26
Swachh Bharat Abhiyan (SBA), 82–83
Swarna Jayanti Gram Swarozgar Yojana (SGSY), 16, 84–86
Swarna Jayanti Shahari Rozgar Yojana (1997), 16

t-statistics, 51
Targeted public distribution system (TPDS), 105, 162
Teacher Education (TE), 193
Teacher Education Institutions (TEIs), 193
Technological change, 23–24
Technological progression, 23
Technology, 1, 3, 23–24
Tenth FYP, 16
Third FYP, 14
Toilets, availability of, 64
Tolerance level, 51, 148
Total Sanitation Campaign (TSC), 64, 81–83, 140
Total variance, 48
Trickle-down approach, 11, 99, 187
Twelfth FYP, 17
Twenty Point Economic Programme (TPP), 73
Two-sector model of growth, 3
Two-way relationship, 27

Unemployment, 28, 38
Uniform Resource Period (URP), 59
Union territories (UTs), 113
Unit root testing, 54–55
Unit root tests, 150
United Nations Development Programme (UNDP), 5, 59
Universal Immunisation Programme (UIP), 192
Up-gradation of rural infrastructure, 37
Urban inequality, 38

Vaccinated children in target child population, 64
Variance inflation factors (VIF), 51, 148
Vector autoregressive (VAR), 152
lag order selection criteria, 56
Village level workers (VLW), 13, 84

Wage and Employment Programmes, 29–30
Wald test, 56, 152–153
Water supply and sanitation, 79–83
Wealth redistribution policies, 11

Weighted system, 128
Welfare, 7
  economics, 3
  of marginalised class, 190
  of underprivileged classes, 64–65
Well-being, 7
Women in decision-making, 189–190
Workforce, 60
World Bank, 42