

CURRICULUM VITAE

- Name** : **ARUP MITRA**
- Professor of Economics (since 2002) at Institute of Economic Growth, Delhi
- May 2019 to July 2020: Professor and Dean of Economics, South Asian University
- June 30 2017 to Nov 30 2018: Director General
National Institute of Labour Economics Research and Development (IAMR)
(An autonomous Institute under NITI Aayog)
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- Area of Specialisation : Development Economics; Urban Development;
Labour and Welfare; Corruption; Industrial Productivity
Growth and Employment; Services Sector; and Gender
Inequality
- Award of Fellowship : Ford Foundation Fellowship for Post Doctoral Study
(Sept. 1994 - Aug. 1995)
- Visiting Positions** : **Visiting Professor, Graduate School of International
Development, Nagoya University, Japan (2016-17)**
- Indian Economy Chair, 2010 at Sciences Po, Paris.
(taught courses on Indian Economy and Economics
of Underdevelopment at Sciences Po.)**
- Senior Researcher at ILO, Geneva, 2007-08.**
- Visiting Fellow, Institute of Developing Economies,
Japan, (2005 – 2006)**
- Visiting Fellow, Maison Des Sciences De L'Homme,
Paris cedex 06, 1998.**
- Academic Awards
and Achievements** : Mahalanobis Memorial Gold Medal for Outstanding
Contribution to Quantitative Economics, 2004
(Awarded in 2007 by Indian Econometric Society).

Professor S. R. Sen Best Book Award, 2019
For the book on Insights into Inclusive Growth.

Indian Economy Chair, 2010 at Sciences Po, Paris.
(taught courses on Indian Economy and Economics of Underdevelopment)

Included in Marquis Who's Who in the World and
International Biographical Centre's (Cambridge) listing.

Work cited in the Handbook of Regional and Urban
Economics, 1999.

Author in **Encyclopaedia of Life Support Systems**
([EOLSS](#)), Mathematical Models in Economics,
Developed under the Auspices of the UNESCO.

Author in the **Encyclopaedia of Sustainability**, Great
Barrington, MA: Berkshire Publishing.

Author in Klaus F Zimmermann Ed. Handbook of
Labour, Human Resources and Population Economy. Springer: Switzerland. 2020.

Administrative Responsibilities:

Director General (NILERD), Dean (South Asian University) and Course Director, (Head) of
the Indian Economic Service Section, Institute of Economic Growth: 2002-04, 2007-09, 2011-
13, 2015- 2016, Hostel Warden

Organised Training programme for the Indian Economic Service Officers (policy makers)
Resource Person, Training programme for the research scholars
Resource Person, Training programme for government officers and senior persons/employers
(Small Enterprises) and Researchers, organised by Asian Productivity Organisation in 2013
in Seoul in July and December, 2016 in Tokyo, 2019 in Tokyo.

Academic Qualifications

Post Doctorate : Northwestern University, Evanston,
USA (1995)

Supervisor
Professor Edwin S. Mills

Title of the Work:

- Urban Development and Urban Ills
- Ph.D. : Delhi School of Economics, (1993)
- Title of the Thesis:
Urbanisation, Slums and Informal Sector:
Inter-connections and Inter-regional Variations.
- M.Phil. : Delhi School of Economics, (1985).
- M.A. : Delhi School of Economics,
(1983).
- Work Experience** : More than thirty years
Institute of Economic Growth, Delhi
(1986-88; 1993- till date)
ILO, Geneva (2007-08)
Delhi School of Economics, Delhi (1988-1993)
Delhi University Colleges, Delhi.(1983-1986)
- (Also Worked as Consultant to ADB, APO, ILO, OECD, UNDP, WIDER and World Bank)
Research Experience on Countries: India, France, Japan, South Asia and Other Developing
Countries across the globe.

Research Publications

(Excluding Review Articles, Notes, Rejoinders and Newspaper Articles).

Books Published:

Urban Headway and Upward Mobility in India, Cambridge University Press, 2020.

Labour Force Participation in India, Springer Brief in Economics, **Springer**, 2018
(jointly with Aya Okada)

Corruption and Development in Indian Economy, Cambridge University Press, 2016.
(jointly with Chandan Sharma)

Industry-led Growth: Issues and Facts, Springer Brief in Economics, **Springer**, 2016.

Insight into Inclusive Growth, Employment and Wellbeing in India, Springer, 2013.

Occupational Choices, Networks and Transfers: An Exegesis Based on Micro Data from Delhi Slums, Manohar Publishers, New Delhi, 2003.

Urban Development and Urban Ills, Commonwealth Publishers, New Delhi, 1997, (Jointly with Edwin S. Mills).

Urbanisation, Slums, Informal Sector Employment and Poverty: An Exploratory Study B.R. Pub. Corp. (D.K. Pub. and Dist.), Delhi, 1994.

Books Edited

India's Growth and Its Many Dimensions, Orient BlackSwan, Delhi, 2018

Studies in Macro Economics and Welfare, Academic Foundation, Delhi, 2005 (jointly with B.B.Bhattacharya).

India: Industrialisation in a Reforming Economy, Essays in Honour of K.L. Krishna, Academic Foundation, Delhi, 2006 (Jointly with Suresh D. Tendulkar, K. Narayanan and D. K. Das)

Papers in Journals:

Does City Size Matter for Migration and Poverty: A study of Million-plus Cities in India, **Journal of Urban Planning and Development**, forthcoming. (jointly with Sabyasachi Tripathi).

Long-term Growth-Employment Relationship in India, **Journal of Asian Development Research**, 2021.

Structural Shifts, Technology Import and Employment, **Asian Profile**. Vol.48, No.4, December, 2020.

Employment Modelling in India, **Econmodels.com**, 2020

Fourth Industrial Revolution and India's 'Employment Problem', **International Journal of Social Economics**, 2020 (jointly with Bhattacharya, Sujatra).

Reflecting on Gendered Effect of COVID-19 in the Backdrop of PLFS 2018-19 in India. **BRIEF - South Asia Watch** (September 2020). (jointly with Joshi, Seema) (2020)

Informal Sector in India: Migration and Poverty Implications. **Regional Economic Development Research**, 2020, Vol. 1 (1)

Technological progress, innovation and employment: firm-level evidence from India's manufacturing sector. **Innovation and Development**. 2019. (DOI: 10.1080/2157930X.2019.1689614)

Corruption and Economic Growth: Some new empirical evidence from a global sample, **Journal of International development**, 2019 (jointly with Sharma, Chandan)

Rising Unemployment in India: A State-wise Analysis from 1993–94 to 2017–18. **Economic and Political weekly** (Vol. - LIV (50), December 21, 2019) (jointly with Singh, Jitender (2019).

Urbanisation and Informal Sector. **YOJANA** - December 2019.

Growth, Health and Gender Imbalance: Evidence from India, **Area Development and Policy**, 2019 (jointly with Kumar, Abhishek)

Women's Work in Response to Urbanization: Evidence from Odisha, **Indian Journal of Women and Social Change**, 2019.

City size, deprivation and other indicators of development: Evidence from India, **World Development**. Vol. - 106, 2018. pp 273-283 (Jointly with Jay Prakash Nagar)

Poverty Targeting and Economic Growth in India, **Journal of Income and Wealth** (Vol. 40, Issue No. 2, July - December 2018 pp. 133-145) (Jointly with Mahua Paul)

Smart Cities in India: Existing Facilities and Indicators of Development". **Urban India** (Vol. 38, Issue No. II, July - December 2018). (Jointly with Nagar, Jay Prakash)

Counting Jobs in India: A Detailed Review of Labour Database. **Economic and Political Weekly**, Vol. L III No. 10, March 10, 2018.(jointly with Jitender Singh)

Poverty, Women and Dignity, **Asia-Pacific Social Science Review**, Vol. 17, No. 3, 2018 pp. 1-14

Migration, caste and livelihood: evidence from Indian city-slums. **Urban Research & Practice**, 2018. <https://doi.org/10.1080/17535069.2018.1426781> (jointly with Chandrasekhar, S)

Technology Adoption and Employment in Less Developed Countries: : A Mixed-Method Systematic Review . **World Development**, April 2017.(Jointly with Mehmet Ugur).

Cyclical asymmetries and short-run relation between employment and output: the case of organised manufacturing in India. **Indian Journal of Labour Economics**. April 2017 (Published on line on 05th April, 2017) (Jointly with Singh, Jitender)

Regulation and employment: assessing the wage elasticity in Indian manufacturing. **Labour and Industry**. 2017 (Jointly with Singh, Jitender)

Improving Productivity and Employment Growth. **Yojana**. March 2017.

Productivity Growth in India: Determinants and Policy Initiatives Based on the Existing Literature. *UN-ESCAP Working Paper Series: Macroeconomic Policy and Financing for Development Division (WP/16/08)*. June 2016.

Why Wage Differences Exist across Sectors? Explanations Based on India's Industrial Sector. *Economic and Political Weekly*. Vol. – 51 (38), September 17, 2016.(Jointly with Singh, Prakash)

Infrastructure, Information and Communication Technology and Firms' Productive Performance of the Indian Manufacturing. *Journal of Policy Modeling*, 2016 (jointly with Sharma, Chandan and Veganzones-Varoudakis, Marie-Ange)

(Also published as, Infrastructure, ICT and Firms' Productivity and Efficiency: An Application to the Indian Manufacturing (Chapter - 2). Singapore: Springer. 2016. pp 17-41. (ISBN: 978-981-10-0082-9).

Do Neighbourhood Facilities Matter for Slum Housing? Evidence from Indian Slum Clusters. *Urban Studies*. 2016 (Jointly with Das, Saudamini and Kumar, Rajnish)

Health and Nutritional Status of Women and Children: An empirical study in the slums of Delhi, India. *International Journal of Child Health and Human Development*. Vol. - 9 (2), 2016. (jointly with Singh, Shradhanvita and others)

Issues in upward mobility: Study based on longitudinal data from Delhi slums. *Habitat International* , Vol. 53 pp. 320-330, 2016. (jointly with and Yuko Tsujita)

Employment Support to Home-Workers: The Role of Civil Society, *International Journal of Social Economics*, Vol.42, No.12, 2015, (jointly with Rajnish Kumar).

[Corruption, governance and firm performance: Evidence from Indian enterprises](#), *Journal of Policy Modeling*, vol. 37(5), 2015 pages 835-851. (jointly with Chandan Sharma)

Manufacturing-Led Growth, Competition and Challenges. *Yojana*. Vol. - 59, April 2015

Innovation and Employment: A Firm Level Study of Indian Industries, *Eurasian Business Review*, Vol. 4, 2015 (jointly with A. K. Jha).

(Also published in 2016. Innovation and Employment: A Firm Level Study of Indian Industries in *N S Sidharthan and K Narayanan* edited *Technology: Corporate and Social Dimension*. Springer. pp 113-140. 2016 (ISBN: 978-981-10-1683-7).

Informal Economy in India: Persistence and Meagreness, *Journal of Political Economy, Agrarian South*, 4(2) 1–16, 2015.

New Patterns in Indian Urbanization: Emergence of census towns, *Environment and Urbanization ASIA*. Vol. - 6 (1), 2015 (jointly with Kumar, Rajnish)

Female Labour Supply in a Developing Economy: A tale from a primary survey. *Journal of International Development*, Vol. 27, 2015 (jointly with B. K. Pradhan and S. Singh).

Trade Liberalization, Technology Transfer, and Firms' Productivity Performance: The case of Indian Manufacturing. *Journal of Asian Economics* [Volume 33](#), August 2014, Pages 1–15 (jointly with Chandan Sharma and M.A. Veganzones-Varodakis).

Urban Informal Sector, *Yojana*, Vol. 58, October, 2014.

Agglomeration Economies and Wellbeing: Evidence from India. *Athens Journal of Health*. Vol.-1 (1), March 2014.

Can Industry be the Key to Pro-Poor Growth: An exploratory analysis for India. ILO-Asia-Pacific Working Paper Series, December 2013, India: ILO (DWT for South Asia and Country Office for India).

Toiling children in India: The gender dimension. *International journal of social economics*, Vol.40, No.3, 2013 (jointly with Rajnish Kumar and Mayumi Murayama).

Recent employment scenario. *Indian Economic Journal* (Conference Issue). (December 2012). Published in 2013.

Stock prices and inflation: relationship revisited. *World Journal of Modelling and Simulation*, Vol. 9 (3), 2013, pp. 201-215 jointly with Sangeeta Chakravarty).

Youth Employment and Unemployment: An Indian perspective (ILO Asia - Pacific Working Paper Series, March 2013). - New Delhi: ILO, DWT for South Asian and Country Office for India. 2013 (jointly with Sher Verick).

Small versus large manufacturing units: How efficient are they? *Journal of Asia Pacific Economy*. Vol. - 18 (4), 2013, jointly with (Bishwanath Goldar).

Growth, Employment and Poverty. *Yojana*. November 2013. pp56-58

Agriculture and its integration with National Accounts Statistics: The Indian Case. *Agricultural Journal*. Vol. - 7 (5), pp 343 – 353, 2013 (jointly with Ankush Agarwal)

Unorganized Sector in India: Employment, Elasticity and Wage-Productivity Nexus. *Journal of Development Entrepreneurship*. Vol. - 18 (4), 2013 (jointly with Aviral Pandey).

(Also published in 2016, 'Unorganized sector in India: Employment elasticity and wage production nexus' in K. P. Kannan, Rajendra P. Mamgain and Preet Rustagi edited book entitled "Labour and Development: Essays in honour of Prof. T. S. Papola", New Delhi: Academic Foundation, 2016.)

Estimating impact of infrastructure on productivity and efficiency of Indian manufacturing, *Applied Economics Letters*, 2012, 19 (8), 779–783 (jointly with Chandan Sharma and Marie-Ange Ve' ganzone's-Varoudakis

Modes of transport, basic amenities and Wellbeing, Findings from Delhi City, *Journal of Urban Regeneration and Renewal*, Vol 5, No.3, 2012 (jointly with V. Dayal and P. Kapuria).

Labour Market Vulnerabilities and Health Outcomes: Older Workers in India *Journal of Population Ageing*, Vol. 5, No. 4 (jointly with Moneer Alam), 2012.

Population pressure and environment in the context of growth: evidence from an Indian city (jointly with V. Dayal and P. Kapuria), *International Journal of Urban Sustainable Development*, Vol. 3, Issue 2, 2011.

Trade in Services: Impact on Employment in India, *Social Science Journal*, Elsevier, Vol. 48, No.1, 2011.

Cities As the Engine of Growth: Evidence from India, *Journal of Urban Planning and Development*, Vol. 137, No. 2, June 1, 2011. ASCE, New York, 2011, (Jointly with Barjor Mehta)

Homeless Population in France: Labour Market Implications, *Urban Challenge*, (Urbani izziv), volume 22, no. 1, 2011 (2011).

Informality, Vulnerability and Development (jointly with D. Maiti), *Journal of Developmental Entrepreneurship*, Vol. 16, No. 2 (2011) 199–211

Migration, Livelihood and Well-being: Evidence from Indian City-Slums, *Urban Studies*, Volume 47, No.7, Sage 2010.

Growth, Prices and Poverty, *Journal of Modeling and Simulation of Systems*, (jointly with S. Chakravarty), (Vol.1-2010/Iss.4) pp. 235-251

Industry-Tertiary Balance: Issues Revisited, *Journal of Studies on Manufacturing*, Vol.1/Iss.1, pp. 59-71, 2010

Social and Economic Inequalities: Contemporary Significance of Caste in India, *Economic and Political Weekly*, December 12, 2009 vol xlv no 50, ((jointly with Rajnish Kumar and Satendra Kumar).

Technology Import and Industrial Employment: Evidence from Developing Countries, *LABOUR: Review of Labour Economics and Industrial Relations*, Vol. 23, No.4, 2009.

Rural to Urban Migration: A District Level Analysis for India, *International Journal of Migration, Health and Social Care*, September Vol. 5, Issue 2, 2009 (jointly with M. Murayama). Also in S. Irudaya Rajan ed. *Migration, Identity and Conflict, India Migration Report 2011*, Routledge.

Is Industry Still the Engine of Growth? An Econometric Study of the Organised Sector Employment in India, *Journal of Policy Modeling*, Elsevier Science, Vol. 31, 2009 (jointly with Sangeeta Chakravarty).

Health-Poverty Nexus: A Study of Low Income Households in India, *International Journal of Child and Adolescent Health*, Vol.2, No.1, 2009, Nova Science Pub. (jointly with Yuko Tsujita).

Growth, Health and Poverty: A Cross-Country Analysis, *Journal of International Economic Studies*, Vol.23, 2009, (jointly with Rajinder Kumar).

Social Capital, Livelihood and Upward Mobility, *Habitat International*, Elsevier, Vol.32, No.2, 2008.

Growth and Poverty in India: Emerging Dimensions of the Tertiary Sector, *Service Industries Journal*, Vol.28, No.8, Routledge, October 2008, (jointly with J. Schmid).

Labour Market Outcomes: The Japanese Tale, *Indian Journal of Labour Economics*, Vol. 51, No.2, 2008 (jointly with Hajime Sato)

Labour Market in India: An Overview, ILO Asia-Pacific Working Paper Series, New Delhi, 2008.

Agglomeration Economies in Japan: Technical Efficiency, Growth and Employment, *Review of Urban and Regional Development Studies*, Vol.19, No.3, 2007 (jointly with H. Sato).

Homeless Population in Japan, *Asian Profile*, October, 2007 (jointly with H. Sato).

Industry and Poverty: Evidence from Indian States, *Indian Journal of Labour Economics*, April-June, 2007.

Wages and Employment: Issues and Facts, *Indian Journal of Labour Economics*, Vol.49, No.4, 2006.

Labour Market Mobility of Low Income Households, *Economic and Political Weekly*, May 27, 2006.

Globalization, Growth and Poverty, Research Paper No. 2006/41, UNU-WIDER, April 2006 (jointly with N.R.Bhanumurthy)

Slum Dwellers' Access to Basic Amenities: The Role of Political Contact, Its Determinants and Adverse Effects, *Review of Urban and Regional Development Studies*, Vol. 18, No.1, Blackwell Publishing, 2006 (jointly with B. Edelman).

Living Standard in Delhi Slums: Consumption Expenditure, Housing and Ability to Save, *Indian Journal of Labour Economics*, Vol. 48, No. 3, 2005.

Women in the Informal Sector: Perpetuation of Meagre Earnings, *Development and Change*, Vol. 36. No.2, 2005.

Informal Sector, Networks and Intra-city Variations in Economic Activities and Informal Sector, *Review of Regional and Urban development Studies*, Blackwell Publishing, Vol. 16, No.2, July, 2004.

Economic Growth, Poverty, and Inequality in Indian States in the Pre-reform and Reform Periods, *Asian Development Review*, Asian Development Bank, vol. 21, no. 2, 2004 (jointly with N.R.Bhanumurthy).

Growth, Health and Poverty: An Exploratory Study of Indian States, *Development Policy Review*, 2004, vol.22(2) (jointly with Indrani Gupta).

What Motivates Transfer of Resources: Altruism or Principle of Exchange, *Journal of Developing Areas*, Vol. 37, No.2, 2004.

Declining Poverty in India: A Decomposition Analysis, *Indian Journal of Labour Economics*, vol.47, No.2, 2004.(jointly with N.R.Bhanumurthy)

Productivity and Technical Efficiency in Indian States' Manufacturing: The Role of Infrastructure, *Economic Development and Cultural Change* vol.50, no.2, 2002, (jointly with A. Varoudakis and M. A. Veganzones) (Also published in French, Croissance de la Productivite et Efficacite Technique dans l'Industrie Manufacturiere des Etats de l'Inde, Des Role La Infrastructure, *Revue Economique*, Vol.49, No.3, May 1998. State Infrastructure and Productive Performance in Indian Manufacturing, Technical Papers No. 139, OECD Development Center, Paris).

Rural Non-Farm Sector: Issues and Facts, *Manpower Journal*, Vol. 38, Nos 2 and 3, 2002.

Basic Amenities and Health in Urban India, *The National Medical Journal of India*, Vol.15, No. 1, 2002 (jointly with Indrani Gupta).

Low Income Migrants and Labour Market Segmentation: Micro-level Evidence from Delhi Slums (jointly with Indrani Gupta), *Economic and Political Weekly*, January 12, 2002

Urban Labour Market in India: An Overview, *International Journal of Employment Studies*, Vol.9, No2, October , 2001 (also published in IAMR ed. Reform and Employment, 2002)

Total Factor Productivity Growth and Urbanization Economies: A Case of Indian Industries, *Review of Urban and Regional Development Studies*, Vol. 12, No. 2, July, 2000.

Emerging Problems in French Cities, *Indian Social Science Review*, Vol.2, No.1, 2000.

The Potential of Rural Industries and Trade to Provide Decent Work Conditions: A Data reconnaissance in India, SAAT Working Paper, ILO, New Delhi, 2000, (jointly with S.Acharya).

Knowledge of HIV/AIDS among Migrants in Delhi Slums, *Journal of Health and Population in Developing Countries*, Vol.2 , No.1, 1999 (jointly with Indrani Gupta).

Agglomeration Economies As Manifested in Technical Efficiency of Firms, *Journal of Urban Economics*, Vol.45, No.3, 1999.

Total Factor Productivity Growth and Technical Efficiency in Indian Industries, *Economic and Political Weekly*, Review of Industry and Management, July 31 - Aug. 6, 1999.

Infrastructural Development for Competitiveness, *Productivity*, Vol.40, No.2., 1999.

Employment in the Informal Sector, *Indian Journal of Labour Economics*, Vol. 41, Special No. 1998, (Also published in A. Kundu and A.N.Sharma ed. 2001).

Infrastructure and Human Development, *Productivity*, July- Sept., 1997.

Child Labour: A Profile of Delhi Slums, *Indian Journal of Labour Economics*, Oct.-Dec., 1997 (jointly with Indrani Gupta).

Changing Composition of Employment in Tertiary Sector: A Cross-Country Analysis, *Economic and Political Weekly*, March 15, 1997 (jointly with B.B. Bhattacharya).

Population Distribution, Growth and Socioeconomic Spatial Patterns in Delhi (jointly with Veronique Dupont), *Demography India*, Vol. 24, No. 1 1995.

Rural - to - Urban Migration, Employment and Incidence of Poverty, *Indian Journal of Social Work*, 1995 (jointly with Chakrapani).

Industry, Informal Sector Employment and Poverty, *Indian Journal of Labour Economics*, Special No. Vol. 37, 1994.

Employment, Labour Productivity and Wage Rate in Public and Organised Private Sectors in the Context of Structural Reforms, (jointly with B.B. Bhattacharya), *Indian Journal of Labour Economics*, Vol.37, 1994.

An Econometric Model of Unemployment, Informal Sector Employment and Poverty in Slums, *Journal of Quantitative Economics*, Vol.9, No.2, 1993.

Urban Poverty: A Rural Spill-Over? *Indian Economic Review*, Special No. (in the Memory of Prof. S. Chakravarty) 1992.

Rural Non-Farm Employment, Poverty and Women, *Indian Journal of Labour Economics*, Special No. Vol.36, No.3, 1993.

Urban Employment, Migrant Labour and Structural Adjustment, *Indian Journal of Labour Economics*, Conference Vol.36, No.4, 1993.

Employment and Structural Adjustment: A Look at the 1991 Census Data, (jointly with B.B. Bhattacharya), *Economic and Political Weekly*, Sept. 18, 1993.

Pattern of Urbanisation in India: An Over-view, *Indian Journal of Social Science*, April-June, 1992.

Rural-to-Urban Migration, Urban Workforce and Tertiary Sector Employment: Inter-relationship, *Arthvijnana*, Vol.34, No.2, 1992.

Tertiary Sector Employment and Rural-Urban Migration, *Indian Journal of Labour Economics*, Vol.35, No.2, 1992.

Growth and Poverty: The Urban Legend, *Economic and Political Weekly*, March 28, 1992.

Excess Growth of the Tertiary Sector: Issues and Implications, *Economic and Political Weekly*, No.3, 1990 (jointly with B.B. Bhattacharya).

Land Price in Indian Cities: Dimensions and Determinants of Change, *Economic and Political Weekly*, Dec.15, 1990.

Duality, Employment Structure and Poverty Incidence: Slum Perspective, *Indian Economic Review*, Vol.25, No.1, 1990.

Agriculture-Industry Growth Rates: Widening Disparity: An Explanation, *Economic and Political Weekly*, Aug. 26, 1989 (jointly with B.B. Bhattacharya).

Female Labour Absorption in the Construction Sector, *Economic and Political Weekly*, March 11, 1989 (jointly with Swapna Mukhopadhyay).

Structural Aspects of Growth: A State Level Analysis, *Indian Journal of Social Science*, Vol.2, No.3, 1989.

People's Participation in Health and Family Planning Programme, *Third Concept*, January, 1989.

Spread of Urban Slums: The Rural-Spill-Over? *Demography India*, Vol.17, No.1, 1988.

Government Policy for Slum Improvement, *Mainstream*, July 19, 1986.

Book Chapters

Employment Impact of Technologies in the Developing World in *Klaus F Zimmermann Ed. Handbook of Labour, Human Resources and Population Economy. Springer: Switzerland. 2020. (jointly with Sharma, Chandan, 2020).*

Who Creates Large Number of Good Jobs in India's Organized Manufacturing? Small Versus Large and Start-Ups Versus Old in "Accelerators of India's Growth—Industry, Trade and Employment: Festschrift in honor of Bishwanath Goldar Edited by Aggarwal, Suresh Chand, Das, Deb Kusum, Banga, Rashmi. Springer, 2020. (jointly with Singh, Jitender)

Structural change in employment and unemployment in India, in the book "Sustainable development goals: An Indian perspectives" Hazra, Somnath; Bhukta, Anindya (Eds.). Springer, 2020. pages 129-138. (Jointly Singh, Jitender)
<https://www.springer.com/gp/book/9783030424879>

Shared Prosperity and Universalisation of Secondary Education in Universal Secondary Education in India: Issues, Challenges and Prospects, edited by Jandhyala B G Tilak, Springer, 2020.

Rural Migrants with Urban Jobs" in Rajan, S Irudaya ed. (2019) *Hand Book of Internal Migration in India*. Sage. 2019.

Rural to Urban Migration and Urban Labour Market (Chapter - 7) in *Cities of Dragons and Elephants: Urbanization and Urban Development in China and India* Ed. by Guanghua Wan and Ming Lu, Oxford University Press (UK). 2019

Growth, Inequality, Poverty and Urbanization (Chapter - 21) in *Cities of Dragons and Elephants: Urbanization and Urban Development in China and India* Ed. by Guanghua Wan and Ming Lu, Published by Oxford University Press (UK). 2019.

Size and productivity in Indian manufacturing sector (jointly with Chandan Sharma), Deb Kusum Das (ed.) *Productivity Dynamics in Emerging and Industrialized Countries'*, Routledge: London, New York. 2018. pp 605-626. ISBN (HB): 9781138745586

Revisiting Growth-Employment Relationship in India, (jointly with Yogesh Kumar and Kailash Pradhan), NILERD (edited) *Reflecting on India's Development: Employment, Skill and Health*. Singapore: Springer. 2018 (ISBN: 978-981-13-1413-1)

Urban Informal Sector: Functioning, Constraints and Mobility in *The Oxford Handbook of the Indian Economy in the 21st Century* edited by Ashima Goyal. UK & New Delhi: OUP. 2014

Labor, In Joel Campbell, Jingjing Liu, & Sony Pellissery (Eds.), *The Encyclopedia of Sustainability*, Vol. 7, 2013, China, India, and East and Southeast Asia: Assessing Sustainability, Great Barrington, MA: Berkshire Publishing.

Performance of Unorganised Manufacturing in the Post –reforms Period (jointly with B. Goldar and Anita Kumari) in K. Das ed. *Micro and Small Enterprises in India: The Era of Reforms*, Routledge, 2011.

Productivity Increase and Changing Sectoral Composition: Contribution to Economic Growth in India, (jointly with B. Goldar), in P. B. Nayak, B. Goldar and P. Agarwal eds. *India's Economy and Growth: Essays in Honour of VKRV Rao*, Sage, 2010.

Population Ageing and Its Implications on the Labour Market: The South Asian Experience (jointly with N. Ghosh and B. Goldar) in M. Alam and A. Barrientos eds. *Demographic Employment and Old Age Security: Emerging Trends and Challenges in South Asia*, Macmillan, 2010.

Globalisation, Growth and Poverty in India (jointly with N.R.Bhanumurthy) in M. Nissanke and E. Thorbecke eds. *The Poor under Globalization in Asia, Latin America and Africa, UNU-WIDER Studies in Development Economics*, Oxford University Press, 2010.

Imported Technology and Employment: Evidence from Panel Data on Indian Manufacturing Firms (jointly with A. Kato) in S.R.Hashim and N.S.Siddharthan (ed.) *High-tech Industries, Employment and Competitiveness*, Routledge, 2008

Migration and Wellbeing at the Lower Echelons of the Economy: A Study of Delhi Slums (jointly with Yuko Tsujita) in H. Sato and M. Murayama (ed.) *Globalization, Employment and Mobility: The South Asian Experience*, Palgrave Macmillan and IDE-JETRO, 2008

Labour Market Analysis: Issues and Facts in *Encyclopaedia of Life Support Systems (EOLSS)*, Mathematical Models in Economics (ed. Zhang, W.), Developed under the Auspices of the UNESCO, EOLSS Publishers, Oxford , UK, 2007.

Industry-Urban Nexus: The Role of Agglomeration Economies, in A. Shaw (ed.) *Indian Cities in Transition*, Orient Longman, 2006.

Urban Informal Sector and Networks: A Case Study of Delhi Slum Dwellers, in Ravi Kanbur and B. Guha-Khasnobis (eds.) *WIDER-Palgrave-Macmillan*, 2006.

Labour Market Conditions and Living Standards: A Study of Homeless Population in Japan and Slums in India, Visiting Research Fellow Monograph Series No.419, Institute of Developing Economies, Japan, June 2006.

Industry-Urban Nexus, Employment and Poverty, in *INDIA: Industrialisation in a Reforming Economy*, Essays in Honour of K. L. Krishna, edited by Suresh D. Tendulkar et. al. Academic Foundation, New Delhi, 2006 (jointly with P. S. Bhattacharya).

Rural Non-Farm Sector: A State Level Profile, in Rohini Nayyar and A.N. Sharma (eds) *Rural Transformation in India: The Role of Non-farm Sector*, Institute for Human Development, New Delhi, 2004. (jointly with S. Mitra).

Total Factor Productivity Growth in Indian Industries: A Review of Studies (jointly with B. Goldar), in B.S. Minhas (ed.) *National Income Accounts and Data Systems*, New Delhi, Oxford University Press, 2002.

Poverty and Health: Evidence from India (jointly with Indrani Gupta) in Report on *Conference on Equality, Employment and Economic Order in South Asia*, Vishwa Yuvak Kendra and Konard Adenauer Foundatiuon, 2002.

Changing Labour Market and Women Employment: India, in *Changing Labour Market and Women Employment*, edited by Asian Productivity Organization, Tokyo, 2000.

Labour Market and Employment in South Asia, in Ashok Chandra, Horst Mund et.al. (eds.) *Labour, Employment and Human Development in South Asia*, B.R. Pub. Corp. 1998.

Development Perspective for Informal Sector, in *Employment Promotion in the Urban Informal Sector*, M.S. Ramanujam et.al. (ed.), New Age International Publishers, 1998.

International Trade in Health Services : The Case of India, in *International Trade in Health Services: A Health Perspective*, Geneva, UNCTAD and WHO, 1998 (jointly with I. Gupta and B Goldar).

Status of Basic Services in Indian Cities, in *Urbanisation in Developing Countries*, Institute of Social Sciences, Concept Pub. Company, 1993.

Papers Presented in International Seminars

1. Total Factor Productivity Growth and Technical Efficiency in Indian Industries, World Congress, International Economic Association, Buenos Aires, Aug.23-27, 1999.
2. Slum Dwellers in Delhi: An Unhealthy Population, (jointly with Indrani Gupta), Fourth Asia Pacific Social Science and Medicine Conference, Yogyakarta, Indonesia, Dec., 1998.
3. Changing Labour Market Structure and Its Effects on Women's Employment, Symposium Organised by Asian Productivity Organisation, May 18-21, 1999, Hanoi,Vietnam.
4. Socio-economic Spatial Patterns in Delhi, 13th European Conference of Modern South Asian Studies, Toulouse, France 1994 (jointly with V. Dupont).

5. Urban Poverty in India, International Seminar on Urban Poverty, New Delhi, 1994.
6. Labour Market and Employment in South Asia, Seminar on Labour Market and Industrial Relations in South Asia, New Delhi, Sept.,1996.
7. Growth Variant and Invariant Components of Inflation and Planning in India, International Seminar on Development Planning: Relevance and Approaches, Institute of Economic Growth, Delhi, March, 1996 (jointly with B.B. Bhattacharya).
8. Urban Labour Market: A Case Study of Delhi Slums, International conference in Social Sciences, Hawaii, June, 2004.
9. Informal Sector and Networks, WIDER, Helsinki, Sept. 2004.
10. Labour Market Mobility of Low Income Households: Employment, Income and Consumption, WIDER Conference, Helsinki, June 2005 and World Congress, International Economic Association Conference, Morocco, August 2005.
11. Migration and Well-being at the Lower Echelons of the Economy: A Study of Delhi Slums, WIDER Conference, Helsinki, June 2007.
12. Urban Development in India: Issues and Facts WIDER Conference (jointly with Basudeb Guha-Khasnobis), 2008.
13. Migration, Livelihood and Well-being: Evidence from Indian City Slums, World Congress, International Economic Association Conference, Istanbul, 2008.
14. Pro-poor Growth in India, Sciences Po. Paris, 2010.
15. Informal Sector in Asia, European Commission, Nice, September, 2010.
16. Agglomeration Economies and Wellbeing, Athens, June, 2013.
17. Can Industry Be the Key to Pro-poor Growth, UNIDO, Vienna, 2014.
18. Economic Growth, Inequality and Policy: Paper presented in AFL-CIO Headquarters, Washington and UN, New York, 2014 (organized by Friedrich Ebert Stiftung)
19. Urbanisation, Growth and Poverty, 2014, Zhongnan University, Wuhan, 2014.
20. Urban Labour Market, 2014, Zhongnan University, Wuhan, 2014.
21. Agrarian Contract and Rural Livelihood Issues, CMI, Norway, 2015.
22. Industry-led Growth, January 2017, Nagoya University
23. Technology, Productivity and Skill, IARIW Conference, Copenhagen, August 2018.

Research Projects Completed

1. Infrastructure and Manufacturing Productivity (Sponsored by OECD, Development Centre, Paris).
2. Employment Generation in IDBI Assisted Units (Sponsored by IDBI, Bombay) – Jointly with B. Goldar.
3. Industry, Agglomeration Economies and Urban Growth (Follow-up study of post doctoral research, sponsored by Ford Foundation).
4. Trade in Health Services (sponsored by WHO) – (Jointly with I. Gupta and B. Goldar)
5. Changing Labour Market Structure and Its Effects on Women Employment in India (sponsored by APO, Tokyo).
6. Emerging Problems in French Cities (Indo-French Exchange Programme, French Ministry of Foreign Affairs, Paris).
7. Poverty, Social Capital and Risk Management (sponsored by World Bank, Washington D.C.)
8. Labour Market Outcomes: Rural Non-Farm Sector, Urban Informal Sector and Organised Industry in India, ILO, New Delhi, 2005
9. Growth, Employment and Poverty: A Study of Manufacturing, Construction and Tertiary Sectors in India, ILO, Geneva, 2006.
10. National Strategies for the Urban Poor (UNDP-GOI), 2007.
11. Tertiary Sector in India: Issues and Facts, ADB, 2007.
12. Labour Market Inequality in Asia-Pacific Region: Gender Perspective, 2009, (UNDP).
13. Effect of Trade Liberalisation on Service Sector Employment, National Commission on Unorganised Sector Enterprises, 2009.
14. Can Industry Be the Key to Pro-poor Growth? ILO, 2013.
15. Urbanisation, Growth, Inequality and Poverty, ADB, 2014/15.
16. Rural-Urban Migration and Urban Labour Market, ADB, 2014/15.
17. Migration, Remittances, and Changing Patterns of Livelihood: Evidence from Western Odisha Villages (CMI, Norway), 2016 (jointly with B. Pradhan)
18. Source of Livelihood and Inter-Temporal Mobility: Evidence from Western Odisha Villages, (CMI, Norway), 2016 (jointly with B. Pradhan).

19. Climate Change, Livelihood Diversification and Wellbeing in Rural Odisha (ICSSR)
(Jointly with S. Das, A. Tripathy, T. Sarangi and T. Ranganathan).

Ph D Supervision:

Students from Delhi University, JNU, BHU, Jadavpur University etc.

Post-Doctoral Supervision: Ratan Tata Fellows at IEG

Served as Member of Some of the Committees:

Chairman, Technical Advisory Committee for City GDP Estimation, Ministry of Housing and Urban Affairs, Government of India.

Expert Group Annual Employment-Unemployment Survey by Labour Bureau, Government of India.

Working Group on NSSO, Ministry of Skill Development and Entrepreneurship, Government of India.

Standing Committee on Labour Force Statistics, NSSO

Directory of North Eastern India-ASEAN Chamber of Commerce & Industry

Expert Advisory Committee on National Skills Research Division (NSRD)

Expert Group, Index Numbers and Price Statistics, Ministry of Statistics and Programme Implementation, Central Statistical Office, Government of India.

Expert Group on “Strengthening of Institutional Mechanism for regular Collection and Compilation of data on International Trade in Services, Government of India.

Member, Working Class Income and Expenditure Survey, Labour Bureau, Government of India.

Member, Technical Advisory Committee to structure NBO’s Activities, Ministry of Housing and Urban Poverty Alleviation.

Member, Working Group on Employment, Planning and Policy for the Twelfth Five Year Plan, Planning Commission and Chairman, Sub-committee on Employment Projection for the 12th Five Year Plan.

Index Review Committee (Cost of Living Index) Government of India;

Committee on WPI of manufacturing products,

Committee on measuring value added from services.

