

CURRICULUM VITAE

SEPTEMBER 5, 2020

PANCHANAN DAS

Professor of Economics
Department of Economics
University of Calcutta
56A, B.T. Road, Kolkata – 700050
&
Director
Centre for Urban Economic Studies
University of Calcutta
1, Reformatory Street, Kolkata
700027
West Bengal, India

E-Mail: pdeco@caluniv.ac.in,
panchanandaswbes@gmail.com
<http://www.econcaluniv.ac.in/FacultyProfile.aspx?FI=13>

Contact: +919477443357

Full Time Appointment in Teaching Posts

November 1, 2015 –	Professor of Economics, Department of Economics University of Calcutta
November 1, 2013 – October 31, 2015	Associate Professor of Economics, Department of Economics, University of Calcutta
October 8, 1999 – October 31, 2013	West Bengal Education Service, Department of Higher Education, Government of West Bengal
	i. Goenka College of Commerce and Business Administration, 2011-2013, Reader and Associate Professor of Economics
	ii. Institute of Development Studies Kolkata (On deputation), 2008- 2011, Assistant Professor of Economics
	iii. Taki Government College, 2004-2008, Senior Lecturer in Economics
	iv. Barasat Government College, 1999- 2004, Lecturer in Economics
November 26, 1987 – October 7, 1999	Assistant teacher in Economics, Saidabad M.C. Vidyapith, Murshidabad

Appointment in Administrative Posts

November 6, 2019 –	Director Centre for Urban Economic Studies University of Calcutta
June, 2011 – September, 2011	Deputy Director of Public Instruction, Government of West Bengal

Teaching Area: Applied Econometrics – Time Series and Panel Data Analysis, Indian Economics

Research Area: Development Economics, Indian Economics, Macroeconomics

Nationality: Indian

Education: Ph.D., University of Calcutta; M.Sc., University of Calcutta

Research Degree

Degrees	Title	Date of award	University
M.Phil	Incidence of Poverty among IRDP beneficiaries in Murshidabad	25-02-1994	University of Calcutta
Ph.D/D.Phil	Output Employment and Productivity Growth in Indian Manufacturing: A Comparative Study in West Bengal and	13-12-2007	University of Calcutta

Software skills: Application of EViews and Stata

Membership and Affiliations: Indian Association for Research in National Income and Wealth (IARNIW); International Association for Research in Income and Wealth (IARIW)

Other academic achievements: Research Project

S. No.	Project Title	Funding Agency	Period	Grant/ Amount (Rs lakh)	Whether Principal Investigator/ Co-investigator or Consultant/Quality evaluator
1	<i>Crisis of Public Schooling in Elementary Education in South East Asia – A Case Study in India, Bangladesh, Thailand and Singapore.</i>	UGC under UPE II	2018-2020	20.36800	Principal Investigator
2.	<i>Technical Adaptation and Survival of Jute Textile Industry – A Comparative Study of India and Bangladesh</i>	UGC	2013-2015	3.62	Principal Investigator

3.	<i>Wage Inequality in Manufacturing Industries: Pre- and Post-Reform Scenario in India</i>	UGC	2007-2009	0.95	Principal Investigator
4.	<i>GROWTH AND STRUCTURAL CHANGES IN WEST BENGAL AND GUJARAT (1960-2000)-A Critical Analysis with Reference to Manufacturing Sector.</i>	UGC	2004-2006	1.00	Principal Investigator

Selected Talks

1. UGC Sponsored Refresher Course conducted by Academic Staff College, Dr. Babasaheb Ambedkar University, Aurangabad, Maharashtra, 23-24 August, 2005.
2. Faculty Improvement Programme on Issues in Elementary Econometrics at St. Xavier's College, Kolkata, on October 6, 2012
3. Short Term Course in Research Methodology on Application of Stata at the Department of Economics, University of Calcutta, March 19-25, 2013
4. UGC Sponsored Refresher Course conducted by Academic Staff College, University of Calcutta at the Department of Economics, 2-22 January, 2014.
5. Short Term Course in Research Methodology on Application of Stata at the Department of Economics, University of Calcutta, August 19-25, 2014
6. UGC Sponsored Refresher Course conducted by Academic Staff College, University of Calcutta at the Department of Economics, March 30 to April 22, 2015.
7. Short Term Course on Applied Econometrics at the Department of Economics, Gour Banga University, November 2-7, 2015
8. A Talk on GST and Demonetization, at Management Development Institute Murshidabad, on January 21, 2017
9. UGC Sponsored Refresher Course conducted by Academic Staff College, University of Calcutta at the Department of Economics, March 2 to 22, 2017.
10. Seven-Day Workshop on Applied Econometrics, at the Department of Commerce Sikkim University (A Central University) on 20-26 March, 2017

11. Research Methodology Workshop in Social Sciences, Organized by A.K.Dasgupta Centre for Planning and Development, Visva-Bharati, Santiniketan, on June 01-07, 2017
12. Research Methodology Course in Social Sciences, Organized by Research & Publication Cell, P.G. Department of Commerce, The Bhawanipur Education Society College, in Collaboration with Institute of Cost Accountants of India, on October 12-13, 2017
13. Ten Day Workshop on Research Methodology for Research in Social Science “Theory and Application of Econometrics Models with Software Packages”, Organized by FDP Cell, The Bhawanipur Education Society College In Collaboration with *Department of Commerce, University of Calcutta & Institute of Cost Accountants of India* on November 13, 2018 and November 19, 2018
14. Invited lecture on “Applications of STATA and EViews Packages for Analysis of Socio-Economic Data” during 26-28 March 2019, at Central University of South Bihar.
15. Invited lecture on “Technology, Innovation and The Informal Sector: Insights from Indian Data” at the Institute of Russian Academy of Sciences, Moscow, on April 10, 2019

Journal Articles:

1. Bagchi A. K., P. Das and S. Chattopadhyay (2005), Growth and Structural Change in the Economy of Gujarat (1970-71 to 2000-01), *Economic and Political Weekly*, 40 (28), pp. 3039-3047
2. Bagchi, A.K. and P. Das. (2005), Changing Pattern of Employment under Neo-Liberal Reforms – A Comparative Study of West Bengal and Gujarat, *Indian Journal of Labour Economics*, 48 (4), pp. 945-958
3. Das, P. (2006), Deregulations, Output Growth and Structural Change: A Comparative Study of West Bengal and Gujarat, *Social Change and Development*, 4, pp. 83-102
4. Das, P. (2007), Economic Reform, Output and Employment Growth in Registered Manufacturing Industries in India: Testing Kaldor’s Hypotheses, *Economic and Political Weekly*, 42 (39), pp. 3978-3985
5. Das, P. (2007), Wage Inequality in Manufacturing Industries 1979-2002: A Case of West Bengal and Gujarat, *Indian Journal of Labour Economics*, 50 (2), pp. 303-316
6. Das, P. (2007), Economic Growth and Structural Break in India: Testing Unit Root Hypothesis, *The Journal of income and wealth*, 29 (2), pp. 29-43
7. Das, P. (2009), The dynamics of Inflation in India: Cointegration and Causality, *The Journal of income and wealth*, 31 (2), pp. 47-58

8. Das, P. (2010), The Impact of Trade Openness on Poverty and Inequality: Dynamic Panel Analysis with Indian Data, *International Journal of Arts and Sciences* 3(13): 427-438 (2010), CD-ROM ISSN: 1994-6934, InternationalJournal.org
9. Das, P. (2011), Productivity and Efficiency in the Jute Industry, *Economic and Political Weekly*, 46(19), pp. 74-76
10. Das, P. (2011), Structure of Wage Inequality in India: Decomposition of Gini Index with 61st Round Household Survey Data, *The Journal of income and wealth*, 33 (1), pp. 3-17
11. Das, p. and D. Coondoo, (2012), Structural Determinants of Well Being in Rural West Bengal: Logit Estimation of District Effect, *The Journal of income and wealth*, 34 (1), pp. 7-14
12. Das, P. (2012a), Relative Deprivation among Religious and Social Groups in India: Measuring Prevalence, Depth and Severity of Poverty with NSS Unit Data, *The Journal of income and wealth*, 34 (1), pp. 47-56
13. Das, P. (2012b), Wage Inequality in India - Decomposition by Sector, Gender and Activity Status, *Economic and Political Weekly*, 47(50), pp. 58-64
14. Das, P. and A. Sengupta (2012), Agricultural Produce, Land Distribution and Tenancy Rights in West Bengal, *Artha Beekshan*, 21(3), pp. 25-36
15. Sanyal, M.K. and P. Das (2013), National Accounts Statistics and State Estimates of Domestic Products: Some Unresolved Issues, *The Journal of income and wealth*, 35(1), pp. 35-45
16. Das, P. (2013), Sources of Growth and Structural Change in Input Output System in India: Estimating Temporal Leontief Inverse, *The Journal of income and wealth*, 35(1), pp. 145-158
17. Das, P. (2013), Measuring Sample Selection Corrected Gender Wage Gaps in India: 1993-94 to 2009-10, *The Bangladesh Development Studies*, 36(4), pp. 81-97
18. Sengupta, A. and P. Das, (2014), Gender Wage Discrimination across Social and Religious Groups in India Estimates with Unit Level Data, *Economic and Political Weekly*, May, 24, 49(21), pp. 71-76
19. Bagchi, A.K. and Das, P. (2014) 'Indian jute manufactures: adaptation and survival in a 'sunset' industry', *Int. J. Management Concepts and Philosophy*, Vol. 8, Nos. 2/3, pp.181-195.
20. Sengupta, A. and P. Das, (2014), Structure and Growth Aspects of Large Scale Industries in West Bengal: Some Results with ASI Data, *The Journal of income and wealth*, 36(1), pp. 51-59

21. Das, P. (2014), Growth Cycles of Investment, Output and Trade Balance – Long Run Dynamics in India, *The Journal of income and wealth*, 36(2), pp. 15-27
22. Das, P. and A. Sengupta (2015), Wages, Productivity and Employment in Indian Manufacturing Industry: 1998-2010, *The Journal of Industrial Statistics*, 4(2), pp. 208-214
23. Das, P. (2015), Entrepreneurial Impulse, Investment Behavior, and Economic Fluctuations—A VAR Analysis with Indian Data, *Asian Development Review*, 32(2), pp.1-17
24. Das, P. (2015), Fiscal Deficit, Public Debt and Reforms – A Study of Subnational Finances in India: 1980-2013, *The Journal of Income and Wealth*, 37(2), pp. 12-26.
25. Das, P., A. Halder and R. Dutt, (2016), Export Competitiveness and Intensity of Technology in Indian Manufacturing Industries –Analysis with ASI Unit Level Data, *The Journal of Industrial Statistics*, 5(2), pp. 226-239
26. Das, P. (2016), Structural Dynamics, Growth and Regional Inequality: Post-Reform Experience in India, *The Journal of Income and Wealth*, 38(2), pp. 158-170
27. Das, P. and A. Sengupta (2017), Poverty and Food Security: Trends Among Socio-religious Groups in India, *Indian Journal of Human Development*, 10(3), pp.1–13
28. Das, P., R. Basu and A. Halder (2017), Employment, Wage and Productivity: Analysis of Trend and Causality in Indian Manufacturing Industries, *The Journal of Industrial Statistics*, 6(1), pp. 41-56
29. Das, P. and A. K. Bagchi (2017), Agricultural Fluctuations and Demographic Crisis in British India (1820-1870): A Case Study, *Journal of Quantitative Economics*, 15(4), pp. 1-11
30. Das, P. (2018). Wage Gap and Employment Status in Indian Labour Market: Quantile Based Counterfactual Analysis, *World Journal of Applied Economics*, 4(2): 117-134
31. Das, P. (2018), WAGE GAP, JOB CONTRACT AND EMPLOYMENT STATUS: A STUDY WITH MICRO-LEVEL DATA IN INDIA, *The Journal of Income and Wealth*, 40(1): 19-34
32. Das, P. (2019), Wage Penalty in Temporary Employment in India –Evidence from Quantile Regression, *Economic and Political Weekly*, 45(40): 51-59
33. Das P. (2019), Inequality of Opportunity in Educational Achievement in India: Implications of Earning Distribution and Affirmative Action, *Educational Studies Moscow*, 4: 116-132
34. Das P. (2019), Regional Inequality and Growth Differential in India during 1960-2015: Estimating the Role of Sectoral Components, *The Journal of Income and Wealth*, 41(1): 223-233

35. Gupta, S.K. and P. Das (2020) Employment Growth in Indian Manufacturing Industries – An Empirical Study Using ASI Data, *Sarvekshana, Journal of National Statistical Office*, 108: 9-33

Working Paper

1. Das, P. (2016), *Debt Dynamics, Fiscal Deficit, and Stability in Government Borrowing in India: A Dynamic Panel Analysis*. ADBI Working Paper 557. Tokyo: Asian Development Bank Institute. Available: <http://www.adb.org/publications/debt-dynamics-fiscal-deficit-and-stability-government-borrowing-india-dynamic-panel/>

Text Books

Das, P. (2019), *Econometrics in Theory and Practice - Analysis of Cross Section, Time Series and Panel Data with Stata 15.1*, Singapore, Springer

Das, P. and A. Sengupta (2017), *Microeconomics I and Statistics*, New Delhi, Oxford University Press

Das, P., A. Sengupta and S. Samanta (2016), *Economics II*, New Delhi, Oxford University Press

Das, P., and A. Sengupta (2015), *Economics I*, New Delhi, Oxford University Press.

Edited Volume

Biswas, P.K. and P. Das (eds) (2019), *Indian Economy: Reforms and Development - Essays in Honour of Manoj Kumar Sanyal*, Singapore, Springer

Research Monograph

Das, P. (2011). *Output, Employment and Productivity Growth in Indian Manufacturing – A Comparative Study of West Bengal and Gujarat*, Saarbrücken, Germany: LAP LAMBERT Academic Publishing

Articles in Edited Volumes:

1. Das, P., B. Dasgupta and P.K. Biswas (2009), GENDER AND LABOUR: POST-REFORM SCENARIO IN INDIA, in Sanyal et al. (eds.) *Post Reform Development in Asia – Essays for Amiya Kumar Bagchi*, Orient Longman, 2009.
2. Das, P. (2013), Multifactor Productivity Growth and Capacity Utilisation in Manufacturing Industries in India: Estimating Stochastic Frontier with Firm Level

Data, in Sharma et al. (eds.), *Econometric Application in Management*, National Publishing House, Delhi

3. Das, P. (2014), Productivity, Efficiency and Capacity Utilization in the Jute Industry in India: A Non-parametric Frontier Analysis with Firm-Level Data, in Kathuria et al. (eds.) *Productivity in Indian Manufacturing - Measurements, Methods and Analysis*, Routledge, New Delhi
4. Das, P. (2015), Non-Income Dimensions, Prevalence, Depth and Severity of Poverty – Spatial Estimation with Household Level Data in India, in Heshmati et al. (eds.) ADB Volume, *Poverty Reduction Policies and Practices in Developing Asia*, Springer
5. Das, P. (2015), Productivity, Growth and Structural Change in Indian Manufacturing Industries: 1998-2010, in Banerjee et al. (eds.) *India: Science and Technology*, Volume 3, Cambridge University Press, India
6. Sengupta, A. and P. Das (2015), Regional Dispersion in Growth, Efficiency and Technological Change in Indian Industries: 1971-2010, in Banerjee et al. (eds.) *India: Science and Technology*, Volume 3, Cambridge University Press, India
7. Das, P., A. Chakraborty, and S. Mukherjee, (2017), Food Insecurity, Price Volatility and Trade: A Panel Data Analysis in Developing Countries, in Sharma and Bathla (eds.) *Indian Agriculture under Multilateral and Regional Trade Agreements - Competitiveness and Food Security*, Bookwell, Delhi.
8. Das, P (2017), Access to Food and Nutritional Well-being for Social and Religious Groups in India, in Bailey, Sanyal and Templeman (eds.) *Religion, caste, Tribe and Gender – Essays on Society, Culture and Development in India*, Manak, New Delhi.
9. Das, P. (2017), Debt dynamics, fiscal deficit, and stability in government borrowing in India: a dynamic panel analysis, in Yoshino and Morgan (eds.) *Central and Local Government Relations in Asia - Achieving Fiscal Sustainability*, Edward Elgar, Cheltenham, UK
10. Das, P. and A Sengupta (2019), Labour Market Segmentation, Occupational Choice and Non-farm Rural Employment: Multinomial Logit Estimation in India, in Sarap, K. (ed.) *Labour Markets in Rural India: Dynamics and Emerging Issues*, South Asian Publisher, New Delhi (forthcoming).
11. Das, P. (2019), *Structural Transformation of Employment and Wage Inequality in the High Growth Regime: A Study with Micro-Level Data in India*, in Biswas and Das (eds) *Indian Economy: Reforms and Development - Essays in Honour of Manoj Kumar Sanyal*, Singapore, Springer
12. Das, P. (2020), Structural Change, Poverty and Informal Economy: Indian Development Experience, in Gupta, A. (ed.) *Social Statistics – Manifestation of Growth*, Delhi, Primus Books

Contributions in Project Report:

1. *West Bengal Development Report – 2008*, Planning Commission, Government of India, Academic Foundation, 2010
2. *India Science and Technology 2008*, National Institute of Science, Technology And Development Studies (NISTADS), CSIR , 2009
3. *Study Report on Mid Term Appraisal of the XIth Plan of West Bengal- Performance of Monitorable Targets and Implementation of Flagship Programmes*, Institute of Development Studies Kolkata, 2011

Post-Doctoral Workshop:

STOREP European Summer School, **Department of Economics, University of Padova, Italy**, August 21-31, 2008

Selected Presentations abroad

1. Economic Growth in India 1950-2003: Testing Kaldor's Engine of Growth Hypothesis, paper presented in the *IEA 15th World Congress*, held on June 25-27, 2008, at **Istanbul, Turkey**.
2. Regional Growth Differentials and Manufacturing Industries in India, paper presented in the *EACES WORKSHOP on The Economic Development of China and India: Determinants, Features and Consequences*, held in **the University of Perugia, Italy**, on June 25-27, 2009.
3. Economic Growth, Poverty and Inequality: Indian Experience of Reforms and Development, paper presented in the Inaugural Conference of Courant Research Center "Poverty, Equity, and Growth in Developing and Transition Countries: Statistical methods, empirical analyses, and policy issues" on July 1-3, 2009 at **the University of Göttingen, Germany**
4. The Impact of Trade Openness on Poverty and Inequality: Dynamic Panel Analysis with Indian Data, paper presented in the International conference of IJAS, on May 31-June 3, 2010, at the **Harvard University, USA**.
5. Wage Inequality in India: Decomposition by Sector, Gender and Activity Status, paper presented in the *IEA 16th World Congress*, held on July 04-08, 2011, at **Tsinghua University, Beijing, China**.
6. Structural Dynamics, Growth and Regional Inequality: Incidence of Industrial Development in India, paper presented in the IARIW 32nd General Conference, held on August 06-11, 2012, at **Boston, U.S.A.**
7. Unit Value, Quality Effect and Living Standards in India – Spatial and Temporal Estimation with Household Level Data, paper presented in the IARIW 33rd General Conference, held on August 24-30, 2014, at **Rotterdam, Netherlands**.

8. Debt Dynamics, Fiscal Deficit and Stability in Government Borrowing: A Panel Study of State Finances in India, paper presented in the Workshop on Central-Local Government Relations: Fiscal Sustainability, on 24-25 October 2015, held in **Zhongnan University of Economics and Law**, Wuhan, People's Republic of China
9. Dynamics of Income Inequality and Employment Characteristics under Different Growth Regimes: Insights from Household Level Survey Data in India, paper presented in the IARIW 34th General Conference, held on August 21-27, 2016, at **Dresden, Germany**.
10. Wage Differential and Segmented Informal Labour Markets in India– Selectivity Corrected Estimation of Multinomial Logit Model, paper presented in the “5th Conference of the Regulating for Decent Work Network ” at the **International Labour Office Geneva**, Switzerland 3-5 July 2017
11. Wage Gap and Employment Status in Indian Labour Market – Quantile Based Counterfactual Analysis, paper presented in **the Eighth International Conference on Economics (EconWorld2018@Amsterdam)** held in **Amsterdam, Netherlands on 24-26 July 2018**
12. Inequality of Opportunity in Educational Achievement in India: Implications of Earning distribution and Affirmative Action, paper presented in the **XX April International Academic Conference on Economic and Social Development**, held in the **Higher School Economics, Moscow on April 9-12, 2019**

Selected Presentation in India

1. Economic Reform, Output Growth and Structural Change – A Comparative Study of West Bengal and Gujarat, Paper presented at the *41st Annual Conference of The Indian Econometric Society*, held at **Jadavpur University, Kolkata**, on 22nd January, 2005.
2. Changing Pattern of Employment under Neo-Liberal Reforms – A Comparative Study of West Bengal and Gujarat, Paper presented in the *47th Annual Conference of the Indian Society of Labour Economics*, held at **JNU**, on 15-17, December, 2005.
3. Growth and Structural Change in West Bengal 1960-61 to 2000-01, Paper presented in *Development Economics Symposium*, held at **University of Mumbai**, on 21-22 February, 2006.
4. Economic Reform, Output and Employment Growth in Registered Manufacturing Industries in India: A VAR Analysis, Paper presented in the UGC Sponsored National Seminar on Economic Reforms under WTO Regime: Some Implications, at **Guru Nanak Dev University, Amritsar**, on February 24-25, 2006
5. Efficiency and Productivity Growth in Manufacturing – A Comparative Study of West Bengal and Gujarat, Paper presented in *Panchanan Chakrabarty Centennial Seminar on Macro Economics and Public Policy*, at **University of Calcutta**, held on 24-25 July, 2006.

6. Economic Reform, Output and Employment Growth in Registered Manufacturing Industries in India: Testing Kaldor's Hypotheses, Paper presented in *South and South East Asia Econometric Society Meet (SAMES)*, at **Institute for Financial Management and Research, Chennai**, held on 18-20 December, 2006.
7. Productive Efficiency and Technical Change in Registered Industries in India, 1970-71 to 2002-03, Paper presented in *International Symposium on Mathematical Programming for Decision Making: Theory and Applications (ISMPDM)*, at **Indian Statistical Institute, New Delhi**, held on 10-11 January, 2007.
8. Job Insecurity and Female Labour: Post-Reform Scenario in India, Paper presented in the *49th Annual Conference of the Indian Society of Labour Economics*, held at the **Centre for Economic and Social Studies, Hyderabad**, on 15-17, December, 2007.
9. Economic Growth in India 1950-2003: Testing Kaldor's Engine of Growth Hypothesis, Paper presented in the UGC-SAP Conference at **JNU, New Delhi**, on January 31 to February 2, 2008.
10. Output and Employment Growth in Registered Manufacturing Industries in India: Testing Kaldor's Hypothesis, Paper presented in the *International Conference on Employment Opportunities and Public Employment Policy in Globalising India*, held at the **Centre for Development Studies, Trivandrum**, on April 03-05, 2008.
11. Inequality and Economic Growth: Post-Reform Development in India, paper presented in the *International Conference on Eradicating Chronic Poverty in India: Policy Issues and Challenges*, organized by **Chronic Poverty Research Centre, India & Centre for the Study of Social Systems, School of Social Sciences, Jawaharlal Nehru University, New Delhi**, on 1st – 3rd October, 2008
12. Regional Disparity and Increasing Returns in Manufacturing Industries in India, paper presented in the *Annual Conference of Indian Association for Research in National Income and wealth*, held at the **Institute for Social and Economic Change, Bangalore**, on November 27-29, 2008.
13. The dynamics of Inflation in India: Cointegration and Causality, paper presented in the *Annual Conference of Indian Association for Research in National Income and wealth*, held at the **Centre for Development Studies, Trivandrum**, on January 8-10, 2010
14. The Relationship between Money and Price in India: A Cointegration Analysis, paper presented in the *Annual Conference of The Indian Econometric Society*, held at the **Jammu University, Jammu**, on March 4-6, 2010
15. Growth, Stagnation and Survival of Jute Industry in India: 1974-2004, paper presented in the *Annual Conference of The Indian Econometric Society*, held at **Devi Ahilya University, INDORE**, on January 6-8, 2011
16. Relative Measures of Poverty and Inequality in India: Disparities by States, Religions and Social Groups, paper presented in the *Annual Conference of Indian Association for Research in National Income and Wealth*, held at **CESS, Hyderabad**, on March 11-13, 2011

17. Productivity, Efficiency and Capacity Utilisation in Jute Industry under Economic Reforms in India: Non-Parametric Frontier Analysis with Firm Level Data, paper presented in the WORKSHOP ON ECONOMIC REFORMS AND THE EVOLUTION OF PRODUCTIVITY IN INDIAN MANUFACTURING, held at **IIT, Bombay**, on March 18-19, 2011
18. Measuring Sample Selection Corrected Gender Wage Gaps in India: 1993-2004, paper presented in the 53rd *Annual Conference of the Indian Society of Labour Economics*, held at the **Mohanlal Sukhadia University, Udaipur, Rajasthan**, on 17-19, December, 2011
19. Agricultural Growth, Tenancy Rights and Land Distribution in West Bengal: 1980-2006, Paper presented in the *National Seminar on Inclusive Growth in Agriculture (Measurement and Policy Issues)* held at **Osmania University, Hyderabad, A.P.** on March 10, 2012
20. Structural Determinants of Well Being in Rural West Bengal: Logit Estimation of District Effect, paper presented in *the Annual Conference of Indian Association for Research in National Income and Wealth*, held at **Pondichhery**, on March 15-16, 2012
21. The Role of Women in Providing and Improving Household Food Security in Rural India: Implications for Reducing Hunger, paper presented in the 72nd *Annual Conference of The Indian Society of Agricultural Economics* held at **BHU**, on November 17-19, 2012
22. Growth and Inequality in Post-Reform Development in India – Estimating Spatial and Temporal Characteristics, paper presented in the *International Conference on India's Development Strategy: Discourses on Past, Present and Future*, held at **Jamia Millia Islamia** on March 5-6, 2013
23. Sources of Growth and Structural Change in Input Output System in India: Estimating Temporal Leontief Inverse, paper presented in *the Annual Conference of Indian Association for Research in National Income and Wealth*, held at **Indian Statistical Institute, Kolkata**, on March 15-16, 2013
24. Productivity, Output and Employment Growth in Manufacturing Industries in India: Estimating Stochastic Frontier with Firm Level Data, Paper presented at the **16th Thinkers and Writers Forum** on June 7, 2013, at Mumbai
25. Gender-Discrimination in Wages across Social and Religious Groups during the Post-Reform Period: Evidence from India, paper presented in the 55th *Annual Conference of the Indian Society of Labour Economics*, held at the **Jawaharlal Nehru University**, New Delhi during December 16-18, 2013.
26. Growth Cycles of Investment, Output and Trade Balance– Long Run Dynamics in India, paper presented in *the Annual Conference of Indian Association for Research in National Income and Wealth*, held at **Gandhi Institute of Labour, Ahmedabad**, on March 07-08, 2014
27. Dynamics of Growth Cycles of Investment, Output and Trade Balance in India– Testing Animal Spirits Hypothesis of Keynes, paper presented in the 2nd IGC-ISI SUMMER SCHOOL IN DEVELOPMENT ECONOMICS, **ISI, NEW DELHI**, 12-16 JULY 2014

28. Industrial Statistics in India: Some Unresolved Issues in ASI, Paper presented in the 5th National Seminar on Industrial Statistics, organised by **MOSPI**, Industrial Statistics Wings on October 29, 2014, Kolkata
29. Food Insecurity and Nutritional Wellbeing under WTO Regime in India: Estimation with Unit Level Data, paper presented in the International Conference on INDIAN AGRICULTURE SECTOR UNDER TRADE LIBERALISATION AND WTO: ISSUES AND CHALLENGES, at **IIFT**, on December 11-12, 2014
30. State Finance of West Bengal: Some Emerging Issues after Reforms, Paper presented in the 1st International Conference on Applied Economics and Finance (ICAEF) at **GITAM School of International Business, Visakhapatnam** on February 26, 2015
31. Fiscal Deficit, Public Debt and Reforms – A Study of Subnational Finances in India: 1980-2013, paper presented in the Annual Conference of *Indian Association for Research in National Income and Wealth*, held at New Delhi on March 10-11, 2015
32. Services Trade and Foreign Direct Investment in India: Growth and Performance, paper presented in the International Conference on Empirical Research on Trade in Services, at **IIFT**, New Delhi, August 20-21, 2015
33. Employment and Wage Structure in Indian Manufacturing Industries: Analysis with Unit Level Data, paper presented in the 55th Annual Conference of the Indian Society of Labour Economics, organised by the Department of Economics, **Central University of Kashmir, Srinagar**, on October 10-12, 2015.
34. Export Competitiveness, Firm Size and Intensity of Technology –Recent Experience in Indian Manufacturing Industries, paper presented in the National Conference on “Science, Technology and Innovation (STI) in Manufacturing”, on October 15, 2015, organized by **NISTADS, New Delhi**
35. Food Insecurity, Price Volatility and Trade: A Panel Data Analysis in Developing Countries, paper presented in the International Conference on WTO, Trade and Agriculture: Issues and Challenges for Developing and Least Developed Countries, at **IIFT, New Delhi**, on October 29-30, 2015
36. Export Competitiveness and Intensity of Technology in Indian Manufacturing Industries –Analysis with ASI Unit Level Data, Paper presented in the 6th National Seminar on Industrial Statistics, organised by **MOSPI**, Industrial Statistics Wings on November 9, 2015, Kolkata
37. Structural Dynamics, Growth and Regional Inequality: Post-Reform Experience in India, Paper presented in the **34th Annual conference of Indian Association for Research in National Income and Wealth** held in Indira Gandhi Institute of Development Research, Mumbai, during November 20-21, 2015

38. Labour Market Segmentation, Occupational Choice and Non-farm Rural Employment: Multinomial Logit Estimation in India, paper presented in the National Seminar on Dynamics of Rural Labour Relations/Markets in India: Issues, Dimensions and Processes, held at **National Institute of Rural Development and Panchayati Raj (NIRD&PR)** on 11-13 March, 2016
39. Structural Change, Poverty and Informal Economy: Indian Development Experience, International Conference on Development and Growth: Experience & Theories, held at **Asian Development Research Institute**, Patna, on March 26-30, 2016
40. Access to Food, Poverty and Inequality by Social and Religious groups in India: Estimation with Unit Level Data, , paper presented in the Global Conference on Prosperity, Equality and Sustainability: Perspectives and Policies for a Better World, during 1-3 June 2016 at India International Centre, organised by **Institute for Human Development (IHD)**, New Delhi
41. Sources of Services Value Added in Manufacturing Exports – A Comparative Study of India and China, paper presented in the International Conference on "Services, Investment and Global Value Chains" July 28-29, 2016 at **IIFT, New Delhi**
42. Employment, Wage and Productivity: Analysis of Trend and Causality in Indian Manufacturing Industries, paper presented in the Seventh National Seminar on Industrial Statistics, organised by **MOSPI**, Industrial Statistics Wings, on September 26, 2016
43. Manufacturing Industries, Final Demand and Economic Growth: Application of Econometric Analysis and Input Output Model with Indian Data, **Valedictory lecture at the Annual Conference of Tamil Nadu Economic Association**, held on December 19, 2016, at DRBCCC Hindu College, Chennai
44. Structural Transformation of Employment and Income Inequality in the High Growth Regime: A Study with Micro Level Data in India, paper presented in the **17th International Business Horizon-INBUSH ERA World Summit-2017** held on February 08 – 10, 2017, at Amity University
45. Dual GST and Cross Border Transactions in Indian States: Issues and Options, paper presented in **the 35th Annual Conference of Indian Association for Research in National Income and Wealth**, held on 16-17 March, 2017 in Jaipur
46. Structural Transformation of Employment and Income Inequality in the High Growth Regime: A Study with Micro Level Data in India, paper presented in the **IARIW-ICRIER Conference on “Experiences and Challenges in Measuring Income, Inequality and Poverty in South Asia”**, New Delhi, 23-25th November 2017
47. Wage Inequality, Employment Type and Firm Characteristics in Manufacturing Industries in India: An Empirical Analysis with ASI Data, paper presented in the 8th National Seminar on Industrial Statistics, organised by **MOSPI**, Industrial Statistics Wings, on December 15, 2017

48. Income Gap between Workers in Permanent and Temporary Employment - A Study with Micro Level Data in India, paper presented in the 36th Annual Conference of Indian Association for Research in National Income and Wealth, held on 15-16 March, 2018, at NIRD&PR, Hyderabad
49. Agglomeration, Industrial Structure and Locational Clustering– An analysis of manufacturing industries in India, paper presented in the 9th National Seminar on Industrial Statistics, organised by MOSPI, Industrial Statistics Wings, on December 14, 2018
50. Who creates jobs in developing countries? – An Empirical Analysis with Unincorporated Enterprise Survey in India, paper presented at the 19th Annual Conference of the Indian Association of Social Science Institutions (IASSI) on January 11-13, 2019 at NIRD&PR, Hyderabad
51. Volume Estimates of National Accounts Statistics – Comparative Analysis of Fixed Base and Chain Linked GDP Growth, paper presented at the **37th ANNUAL CONFERENCE Of INDIAN ASSOCIATION FOR RESEARCH IN NATIONAL INCOME AND WEALTH on 7-8 March 2019 at NSSTA, Greater Noida**
52. From Employment and Unemployment Survey to Labour Force Survey in India: Distribution of Sample and Efficiency of Estimates, paper presented at the **One Day Seminar: Side Event to ICAS-VIII by Ministry of Statistics and Programme Implementation, New Delhi**, on November 22, 2019