



L. G. Burange.

(M.A., M.Phil., Ph.D.)

Professor of International Economics

Department of Economics

(Autonomous)

University of Mumbai

Vidyanagari

Mumbai 400 098.

1. Ph. D. / M. Phil.:

(1) Ph. D. Thesis:

“**The Trends in Capacity Utilization in the Indian Manufacturing Sector (1951-86) And Implications of Full Utilization of Capacity**” for the Ph.D. degree of University of Poona, from Gokhale Institute of Politics and Economics. Worked under the supervision of Professor P. Venkatramaiah, Professor of Economics, at Gokhale Institute of Politics and Economics, Pune, December 1991.

(2) M.Phil. Dissertation:

“**Concept and Measurement of Capacity: A Review**” under the supervision of P. Venkatramaiah, Professor of Economics, at Gokhale Institute of Politics and Economics, Pune, University of Poona, 4th December, 1985.

2. Director:

Department of Economics (Autonomous), University of Mumbai,

Vidyanagari, Kalina, Santacruz (E), Mumbai 400 098, from September 7, 2011 to June 7, 2013.

3. Awards / Prizes:

(1) Dr. R. S. Sabnis Memorial Prize:

Marathi Arthashastra Parishad has awarded this Prize for the year 2000-2001 for outstanding contribution in the form of the published paper in the accredited journals. It was awarded for the paper published in EPW, in 1999, entitled, ‘Industrial Growth and Structure: Manufacturing Sector in Maharashtra’.

(2) Pandurangi Prize:

This Prize has been awarded for the best M. Phil. Dissertation for the year 1985, by Gokhale Institute of Politics and Economics, Pune.

4. MEMBERSHIP OF ACADEMIC BODIES:

1. Member of the Editorial Board of 'ISFIRE Working Paper Series', The ISF Group, Mumbai, (2013 Onwards)
2. Member of the Board of Studies of Banking and Finance of University of Pune, Pune, (2000-2005)
3. Member of the Board of Studies of Gokhale Institute of Politics and Economics, Pune, (2006-2009)
4. Member of the Academic Council, Gokhale Institute of Politics and Economics, Pune, (2006-2009).
5. Member of Academic Board of Department of Economics (Autonomous) University of Mumbai, (2007- Onwards).
6. Member of Subject Board of Department of Economics (Autonomous), University of Mumbai, (2007- Onwards).
7. Member of the Board of Studies of Economics, University of Mumbai, (2011-2013, June)
8. Member of the Board of Studies Economics, St. Xavier's College-Autonomous, (2011-2013, June)
9. Member of Research and Recognition Committee in Economics, University of Mumbai, (2011-2013, June)
10. Member, Board of Management of the Autonomous Department of Economics, University of Mumbai, (2011-2014).
11. Member of Research Degree Committee (RDC) in Economics, Pt. Ravishankar Shukla University, Raipur, Chhatisgarh, India. (From 31/01/2015 – Onwards)

12. **Affiliate Fellow:** (1) Indian School of Political Economy, Pune,
(February 5, 2011- February 4, 2014)
- (2) Indian School of Political Economy, Pune,
(June 13, 2014 - June 12, 2017)

5. MEMBERSHIP OF PROFESSIONAL SOCIETIES:

Life Membership of-

1. Indian Economic Association.
2. Indian Input-Output Association.
3. Marathi Arthashastra Parishad.
4. Indian Association of Human Behaviour.

6. MEMBER OF THE COMMITTEE OF THE GOVERNMENT:

Worked as a member of '**The Committee on Handloom Sector Development in Maharashtra 2004**' (Chary Committee) appointed by the **Government of Maharashtra**. The Government of Maharashtra in the Co-operation and Textiles Department vide Government Resolution No. Hatmag 2003/CR131/Tex3 dated 8th August 2003 has constituted a Committee to study the handloom sector in Maharashtra with a view to making recommendations with regard to its growth and development.

7. TEACHING EXPERIENCE: From 1983.

(1) Post-Graduate:

- (a) From 1994 teaching in the Department of Economics, University of Mumbai, International Economics and Industrial Economics.
- (b) At R. N. C. Arts, J. D. B. Commerce and N. S. C. Science College, Nashik-Road, Nashik taught International Trade and Economics of Growth for three years.
- (c) Worked as a visiting faculty in J. D. C. Bytco Institute of Management Studies and Research, Nashik for 12 years from 1983 to 1994. I was teaching Econometrics mainly Input-output, linear Programming and Transportation for M. B. A Part (II) and National Income Analysis for M. B. A. Part (I) students.

- (d) Visiting Lecturer at H.P.T. Arts and R.Y.K Science College, Nashik to teach Planning and Development for M. A. during the academic year 1990-91.

(2) Under-Graduate:

From July 29,1983 to 1994, I taught under-graduate classes in Arts faculty, teaching mainly Micro-economics, Macro-economics and Indian Economy. I also taught Business Economics in Commerce faculty all classes.

8. OTHER EXPERIENCE RELATED TO RESEARCH:

- (a) Worked as a **Research Assistant** to Professor J. S. Uppal, Visiting Professor at Gokhale Institute of Politics and Economics, Pune from State University of New York at Albany, U. S. A. I assisted him in his research on “The Growth of Public Sector: Its Impact on the Indian Economy”. It was analysis of financial assistance by the Financial Institutions in Public Sector in India. I also assisted him in his research work leading to a book titled ‘Economic Planning in India: Three Decades of Development Experience’ I had worked for him for the period of May 1982 to November 1982.

- (b) Worked as a **Field Supervisor** in Kirloskar Consultants Ltd., Pune from June 1981 to November 1981, in conducting the field surveys. I conducted the field surveys in the states of Maharashtra, Madhya Pradesh, Tamil Nadu and Kerala.

(c) Thesis / dissertation Examination:

(I) Ph. D. Thesis:

- (1) *"An Economic Analysis of Environmental Externalities: A Study on Jajmau Leather Industrial Area of Kanpur, Uttar Pradesh"*, (Babasaheb Bhimrao Ambedkar University, (A Central University), Lucknow, Uttar Pradesh, 2016)
- (2) *"Financial Development, Inflation and Economic Growth in India: Issues and Evidences"*, (Birla Institute of Technology and Science, Pilani, 2015)
- (3) *"Public-Private Partnership for the Development of a Backward State : A Case Study of Bihar"*, (Gokhale Institute of Politics and Economics, Pune, 2014)

- (4) *“Technical Efficiency and Agglomeration: Analysis of Organised Manufacturing sector in India”*, (Humanities & Social Sciences, Indian Institute of Technology Bombay, Powai, Mumbai, 2013).
- (5) *“Exports of Services and Offshore Outsourcing: An Empirical Investigation in the Indian Context”*, (Humanities & Social Sciences, Indian Institute of Technology Bombay, Powai, Mumbai, 2011).
- (6) *“Marketing Strategies of Pharmaceutical Companies Registered in Goa”*, (Goa University, Goa, 2010).
- (7) *“Economics of Fuel Substitution with Special Reference to Indian Companies”*, (University of Hyderabad, 2008).
- (8) *“A Critical Study of Labour Laws and Other Selected Laws in the Context of New Economic Policy in India”*, (Shivaji University, Kolhapur, 2006).
- (9) *“Socio-Economic Status of Scheduled Castes: A Comparative Study (With Special Reference to Kolhapur District)”* (Tilak Maharashtra Vidyapeeth 2005).
- (10) *“Financial Instability in India: Extent, Causes and Consequences”* (Humanities & Social Sciences, Indian Institute of Technology Bombay, Powai, Mumbai, 2004).
- (11) *“The Role of the Central Bank in Economic Development with Special Reference to the Bank of Thailand”*, (University of Pune, 2003).
- (12) *“A Study of Economics of Percolation Tank and Their Impact on Agricultural Development”*, (Shivaji University, 2002, For Financial Assistance by Shivaji University).
- (13) *“Impact of Import Liberalization on India’s Foreign Trade”*, (Dr. B.A. Marathwada University, 1999).
- (14) *“Problem of Investment and Economic Growth in Yemen Since 1980”*, (University of Pune, 1999).
- (15) *“Socio-Economic Study of Anandwan Projects”*, (Nagpur University, 1998, By ICSSR for Financial Assistance).
- (16) *“Urban Informal Sector: An Empirical Investigation of its Manufacturing Component in Pune Metropolitan Region”*, (University of Pune, 1997).

(II) M. Phil. Dissertation:

- (1) “A Study of Nav-Maharashtra Co-operative Spinning Mill Ltd.” Sajani, Ichalkaranji. (Shivaji University, 2002).
- (2) “A Study of Cotton Textile Mills in Gokak”, (Shivaji University, 1997).
- (3) “Socio-economic Study of Bullock-Cart Operators Working in Textile Industry in Ichalkaranji”. (Shivaji University, 1995).

9. Ph. D. SUPERVISION:

- (1) “Pattern of Trade in Less Developed Countries with Sudan as Case Study” (Awarded, February 2003).
- (2) “From an Inward to an Outward Orientation- The Economic Liberalization and India’s Foreign Trade” (Awarded, September 2008).
- (3) “Participative Watershed Management- Framework for Collective Action” (Awarded, December 2009).
- (4) “Multidimensional Problem of Industrial Competitiveness: An Indian Experience” (Awarded, April 2010).
- (5) “Forward Exchange Rate Bias: Experience of Emerging Currencies” (Awarded, November 2011).
- (6) “India’s Trade in Services: Special Emphasis on Maritime Services” (Awarded, November 2013).
- (7) “The Behaviour of India’s Exchange Rate since Liberalization: An Analysis”, (Awarded, December 2015).
- (8) “Foreign Direct Investment in India since Liberalization: An Analysis”.
- (9) “Dynamics of Bilateral Trade between India and China”.
- (10) “An Analysis of India’s Intra-Industry Trade since Liberalization”.

- (11) “Performance of Import Competing Industries in the Organized Manufacturing Sector of India”.

10. PUBLICATIONS (*with references*):

(a) Publications in Professional Journals and Edited Volumes:

- (1) "An Analysis of India's Bilateral Merchandise Trade with SAARC", *Indian Economy Views and Vision (Essays in Honour of Professor V. B. Jugale)*, edited by L. D. Vaikunthe, Y. V. Jugale and S. S. Shejal, (2016), Serials Publications (P) Limited, pp.155-207, New Dehli, India, (with Neha N. Karnik).
- (2) "Transmission Mechanism of Exchange Rate Pass-through in India", *Foreign Trade Review*, Journal of Indian Institute of Foreign Trade, Vol. 50, No. 4, November 2015, pp.263-283, (with Rucha R. Ranadive)
- (3) "An Analysis of the Export Competitiveness of BRIC", *Journal of Indian School of Political Economy*, Vol. 27, No. 1, January-March 2015, 2015, pp. 1-165, (with Neha N. Karnik)
- (4) “The Experience of India’s Inclusive Growth”, *Review of Development and Change*, Journal of the Madras Institute of Development Studies, Vol. 19, No. 1, January-June 2014, 2014, pp. 71-92, (with Neha N. Karnik and Rucha R. Ranadive).
- (5) “Inter-state Analysis of the Organised Manufacturing Sector in India”, *Journal of Indian School of Political Economy*, Vol. 26, Nos. 1-4, January-December 2014, 2014, pp. 1-83, (with Rucha R. Ranadive)
- (6) “The Determinants of India’s Real Exchange Rate: An ARDL Approach”, *The Indian Economic Journal*, Vol. 61, No. 3, October-December 2013, 2013 (with Rucha R. Ranadive).
- (7) “Maharashtra’s Organised Manufacturing Sector: An Appraisal”, *Artha Vijnana*, Journal of the Gokhale Institute of Politics and Economics, Vol. 55, No. 2, June 2013, 2013, pp.172-197, (with Rucha R. Ranadive).
- (8) “Indian Currency, Exchange Rate Regime and Policy”, *THINK-LINE*, No. 87, A Guna Gaurav Nyas Publication, Nashik, 26-06-2013, (with Rucha R. Ranadive).

- (9) “An Enquiry into Employment in the Organised Sector in India”, *Journal of Indian School of Political Economy*, Vol. 24, Nos. 1-4, January-December 2012, 2012, pp.109-138 (with Pooja Thakur).
- (10) “The Growth of the Organized Manufacturing Sector in India: An Inter-state Analysis”, *Economic Digest*, Vol. 42, No, 01, November 2012, Maharashtra Economic Development Council, pp. 13-16, (with Rucha R. Ranadive).
- (11) “India’s Inclusive Growth and Development: An Assessment”, *International Journal of Academic Conference Proceedings (IJACP)*, Vol. 1, No. 2, October 2012, Institute of Management Technology, Nagapur, (with co-authors).
- (12) “A Review of Exchange Rate Regimes”, *THINK-LINE*, No. 82, A Guna Gaurav Nyas Publication, Nashik, 25-08-2012, 2012 (with Rucha R. Ranadive)
- (13) “Indian Industry: A Review of Policy and Performance”, *THINK-LINE*, No. 73, A Guna Gaurav Nyas Publication, Nashik, 27-02-2011, 2011, (with Shruti Yamini)
- (14) “India’s Trade in Services”, *The Indian Economic Journal*, Vo. 58, No. 2, July-September 2010, 2010, pp. 44-62, (with Sheetal J. Chaddha and Poonam Kapoor).
- (15) “Bharatache Audhyogik Dhoran: Ek Itihasik Dristikshep”, *Samaj Prabodhan Patrika*, Vol. 48, Nos. 189-192, January-December 2010, 2010 pp.136-144. (With Shruti Yamini).
- (16) “Competitiveness of Firms in Indian Automobile Industry”, *Transportation System Studies and Policy Analysis*, Edited by S. Sriraman, (2010), Himalaya Publishing House, Mumbai, pp. 344-364. (With Shruti Yamini).
- (17) “Performance of the Indian Cement Industry: The Competitive Landscape”, *Artha Vijnana*, Journal of the Gokhale Institute of Politics and Economics, Vol. 51, No. 3, September 2009, 2009, pp. 209-242. (With Shruti Yamini)
- (18) “India’s Revealed Comparative Advantage in Merchandise Trade”, *Artha Vijnana*, Journal of the Gokhale Institute of Politics and Economics, Vol., 50, No. 4, December 2008, 2009, pp. 332-363. (With Sheetal J. Chaddha).
- (19) “The Performance of Indian Iron and Steel Industry and Competitiveness of the Firms”, *Journal of Indian School of Political Economy*, Vol. 20, No. 3, July-September 2008, 2008, pp.449-495. (With Shruti Yamini)
- (20) “Growth in India’s Intra-Industry Trade”, *Journal of Indian School of Political Economy*, Vol.19, Nos.1 and 2, January-June 2007, 2007, pp.1-50. (With Sheetal J. Chddha).

- (21) “Manufacturing Sector of Maharashtra: A Comparative Analysis”, in *Maharashtra Economy- Performance, Opportunities and Challenges*, edited by R Sthanumoorthy, (2006), the Icfai University Press, Hyderabad, India, pp. 87-112.
- (22) “Energy and Labour Use in the Organised Manufacturing Sector of Maharashtra”, *Journal of the University of Mumbai (Arts Number)*, Vol. 55, No.1, August, (2006), pp. 111-131.
- (23) “Performance of Maharashtra’s Manufacturing Sector”, in *Perspectives on Maharashtra’s Economy*, edited by Ajit Karnik and L. G. Burange, (2004), Himalaya Publishing House, Mumbai, pp. 185-212.
- (24) “Growth of Employment and Output of Organised Manufacturing Sector in India: An Interstate Analysis”, in *Economic Policies and the Emerging Scenario: Challenges to Government and Industry*, edited by Ajit Karnik and L. G. Burange, (2004), Himalaya Publishing House, Mumbai, pp. 62-74.
- (25) “Structure and Growth of Industry”, in *Andhra Pradesh Development – Economic Reforms and Challenges Ahead*, edited by C. H. Hanumantha Rao and S. Mahendra Dev, (2003), Centre for Economic and Social Studies, Hyderabad. (With P. Venkatramaiah).
- (26) “Organized Manufacturing Sector in Maharashtra: Before and After Liberalization”, *Artha Samwad*, Vol. 27, No. 3, October-December 2003, 2003, pp.228-262.
- (27) “Industry Changing Structure, Composition and Slacking Growth”, in *The Economy of Maharashtra: Changing Structure and Emerging Issues*, edited by Bhalchandra Mungekar, (2003), Dr. Ambedkar Institute of Social and Economic Change, Mumbai.
- (28) “Andhra Pradesh Economic Reforms and Challenges Ahead: Structure and Growth of Industry”, *Economic and Political Weekly*, Vol.38, Nos.12 and 13, March 22-28/29-April 4, 2003, pp.1212-1218. (With P. Venkatramaiah)
- (29) “Import-intensity in the Registered Manufacturing Sectors of India”, *The Indian Economic Journal*, Vol. No. 49, No. 2, October-December 2001-2002, pp. 42-52.
- (30) “Liberalisation and Employment in the Organised Manufacturing Sector of India: An Inter-regional Analysis” [Appendix], *Journal of Indian School of Political Economy*, Vol. 13, No. 3, July-September 2001, 2001, pp.471-482.

- (31) “Liberalization and Employment in the Organised Manufacturing Sector of India: An Inter-regional Analysis”, *Journal of Indian School of Political Economy*, Vol.13, No. 2, April-June 2001, 2001, pp. 197-215.
- (32) “Liberalization, Output and Employment in the Organised Manufacturing Sector in India”, in *Indian Economy in the New Millennium*, Edited by Bhalchandra L. Mungekar, Dilip Nachane and M. J. Manohar Rao (2001), Himalaya Publishing House, Mumbai.
- (33) “Growth and Structure of Manufacture of Textile Products in India”, *Review of Development and Change*, Journal of Madras Institute of Development Studies, Vol. 5, No. 1, January-June 2000, 2000, pp. 81-98.
- (34) “Liberalization and Registered Manufacturing Sector in India”, in the Commemoration Volume in the honour of Dr. G. S. Kalyankar, *Issues in India’s Economic Development*, Edited by Dr. R. S. Solunke, April, (2000), Kailash Publications, Aurangabad, pp. 16-51.
- (35) “Industrial Growth and Structure: Manufacturing Sector in Maharashtra”, *Economic and Political Weekly*, Vol. 34, No. 9, February 27-March 5, 1999, pp. M39-M48.
- (36) “The Economic Reforms and Ninth Five Year Plan” in Bhise V. B. (ed.) ‘*Economic Reforms and the Ninth Five Year Plan*’, (1998) Anamol Publications Pvt. Ltd., New Dehli, pp. 25-53.
- (37) “Capacity Utilization in Indian Manufacturing Sector: An Input-Output Approach”, *Journal of the University of Mumbai (Arts Number)* Vol., 54, No. 1, April 1997, pp. 11-44.
- (38) “Import Intensity in Indian Manufacturing Sector”, *Artha Samwad*, Vol. 19, No. 3, October-December 1995, 1995, pp. 213-226.
- (39) “Implications of Full Capacity Utilization of Manufacturing Sector in Indian Economy”, *Artha Vijnana*, Journal of the Gokhale Institute of Politics and Economics, Vol., 35, No. 2, June 1993, 1993, pp. 160-181.
- (40) “The Trends in Capacity Utilization in India Manufacturing Sector (1951-1986)”, *Journal of Indian School of Political Economy*, Vol. 4, No., 3, July-September 1992, 1992, pp. 445-455.
- (41) “The Trends in Capacity Utilization in the Indian Manufacturing Sector (1951-86)”, *Artha Samwad*, Journal of Marathi Arthashastra Parishad, Vol., 16, No. 1, April-June 1992, 1992, pp. 20-28.

- (42) “Estimates of Industrial Capacity Utilization in India: A Review”, *Artha Samwad*, Journal of Marathi Arthashastra Parishad, Vol., 15, No. 3, October-December 1991, 1991, pp. 204-217.
- (43) “Measurement of Capacity”, *Artha Samwad*, Journal of Marathi Arthashastra Parishad, Vol., 15, No. 2, July-September, 1991, 1991, pp. 122-139.
- (44) “Concept of Capacity”, *Artha Samwad*, Journal of Marathi Arthashastra Parishad, Vol. 15, No. 1, April-June 1991, 1991, pp. 35-44.

(b) **Books:**

- (1) ‘**Perspectives on Maharashtra’s Economy**’, Himalaya Publishing House, Mumbai, 2004, (Edited Volume, with Ajit Karnik).
- (2) ‘**Economic Policies and the Emerging Scenario: Challenges to Government and Industry**’, Himalaya Publishing House, Mumbai, 2004, (Edited Volume, with Ajit Karnik).
- (3) ‘**Reforms, Institutions and Policies: Challenges Confronting the Indian Economy**’, Himalaya Publishing House, Mumbai, 2004, (Edited Volume, with Romar Correa)
- (4) ‘**Market and Price Determination**’, Yashawantrao Chavan Maharashtra Open University, Nashik, 1993, (with Mr. S. M. Chapalgaonkar).
- (5) ‘**Indian Economy and Economic Problems of Maharashtra**’, Narendra Prakashan, Pune, 1993, (with Mr. S. M. Chapalgaonkar).
- (6) ‘**Business Economics**’ (Macro) Part-II, Narendra Prakashan, Pune, 1992, (with Mr. S. M. Chapalgaonkar).
- (7) ‘**Price in Competitive Markets**’, Yashawantrao Chavan Maharashtra Open University, Nashik, 1991.
- (8) ‘**Business Economics**’ (Macro) Part-I, Narendra Prakashan, Pune, 1991, (with Mr. S. M. Chapalgaonkar).

(c) **Working Papers:**

- (1) "An Examination of Determinants of India's Intra-industry Trade", *ISFIRE Working Paper Series*, WP-13, August 2015,

- <http://www.iire.in/ojs/index.php/isfirewps/issue/view/26> (with Hemangi K. Kelkar)
- (2) "Export Performance of India's Manufacturing Industries", *ISFIRE Working Paper Series*, WP-12, July 2015,
<http://www.iire.in/ojs/index.php/isfirewps/issue/view/25> (with Sheetal J. Chaddha)
- (3) "India's Export Competitiveness and Complementarity in Services", *ISFIRE Working Paper Series*, WP-9, April 2015,
<http://iire.in/ojs/index.php/isfirewps/issue/view/22> (with Neha N. Karnik and Hemangi K. Kelkar)
- (4) "Foreign Direct Investment and Intra-Industry Trade in India's Manufacturing Sector: A Causal Relationship", *ISFIRE Working Paper Series*, WP-8, March 2015,
<http://iire.in/ojs/index.php/isfirewps/issue/view/21> (with Pooja Thakur and Hemangi K. Kelkar)
- (5) "Causality Between Trade Openness and Economic Growth: Experience of India and China", *ISFIRE Working Paper Series*, WP-7, January 2015,
<http://iire.in/ojs/index.php/isfirewps/issue/view/19> (with Rucha R. Ranadive and Neha N. Karnik)
- (6) "An Analysis of Productivity Spillovers from Foreign Direct Investment in India's Services Sector", *ISFIRE Working Paper Series*, WP-6, December 2014,
<http://iire.in/ojs/index.php/isfirewps/issue/view/20> (with Pooja Thakur)
- (7) "An Analysis of India's Bilateral Merchandise Trade with SAARC", *ISFIRE Working Paper Series*, WP-5, October 2014,
<http://iire.in/ojs/index.php/isfirewps/issue/view/15> (with Neha N. Karnik)
- (8) "An Analysis of the Export Competitiveness of BRIC", *ISFIRE Working Paper Series*, WP-4, September 2014,
<http://iire.in/ojs/index.php/isfirewps/issue/view/14> (with Neha N. Karnik)
- (9) "Transmission Mechanism of Exchange Rate Pass-through in India", *ISFIRE Working Paper Series*, WP-3, June 2014,
<http://iire.in/ojs/index.php/isfirewps/issue/view/7> (with Rucha R. Ranadive)
- (10) "Inter-state Analysis of the Organised Manufacturing Sector in India", *ISFIRE Working Paper Series*, WP-2, May 2014,
<http://iire.in/ojs/index.php/isfirewps/issue/view/4> (with Rucha R. Ranadive)
- (11) "Trade Openness and Economic Growth Nexus: A Case Study of BRICS", *ISFIRE Working Paper Series*, WP-1, April, 2013,

<http://iire.in/ojs/index.php/isfirewps/issue/view/3> (with Rucha R. Ranadive and Neha N. Karnik),

- (12) “Exchange Rate Volatility and Effectiveness of Intervention in India”, *Department of Economics, University of Mumbai, Working Paper No. UDE 48/03/2014*, March 2014. (with Rucha R. Ranadive).
- (13) “Productivity Spillovers from Foreign Direct Investment in the Manufacturing Sector of India”, *Department of Economics, University of Mumbai, Working Paper No. UDE46/01/2014*, January 2014. (with Pooja Thakur).
- (14) “The Determinants of India’s Real Exchange Rate: An ARDL Approach”, *Department of Economics, University of Mumbai, Working Paper No. UDE 44/09/2013*, September 2013. (with Rucha R. Ranadive).
- (15) “An Enquiry in to the Employment of the Organised Sector in India”, *Department of Economics, University of Mumbai, Working Paper No. UDE41/4/2012*. August 2012. (with Pooja Thakur).
- (16) “Indian Currency, Exchange Rate Regime and Policy: A Retrospective View”, *Department of Economics, University of Mumbai, Working Paper No. UDE37/12/2011*. December 2011. (With Rucha R. Ranadive).
- (17) “The Evolution of Exchange Rate Regimes: A Review”, *Department of Economics, University of Mumbai, Working Paper No. UDE36/09/2011*. September 2011. (With Rucha R. Ranadive).
- (18) “A Review of India’s Industrial Policy and Performance”, *Department of Economics, University of Mumbai, Working Paper No. UDE34/1/2011*. September 2011. (With Shruti Yamini).
- (19) “Competitiveness of the Firms in Indian Iron and Steel Industry”, *Department of Economics, University of Mumbai, Working Paper No. UDE 33/2/2010*, February 2010. (With Shruti Yamini).
- (20) “India’s Trade in Services”, *Department of Economics, University of Mumbai, Working Paper No. UDE31/3/2009*, July 2009. (With Sheetal J. Chaddha and Poonam Kapoor)
- (21) “India’s Revealed Comparative Advantage in Merchandise Trade”, *Department of Economics, University of Mumbai, Working Paper No. UDE28/6/2008*, August 2008. (With Sheetal J. Chaddha)
- (22) “Performance of Indian Cement Industry: The Competitive Landscape”, *Department of Economics, University of Mumbai, Working Paper No. UDE(CAS)25/(9)/3/2008*, April 2008. (With Shruti Yamini).

- (23) “Growth in India’s Intra-Industry Trade”, *Department of Economics, University of Mumbai, Working Paper No. UDE24/2/2008*, March 2008. (With Sheetal J. Chaddha).
- (24) “Competitiveness of Firms in Indian Automobile Industry”, *Department of Economics, University of Mumbai, Working Paper No. UDE (CAS)23/(8)/1/2008*, February 2008. (With Shruti Yamini).
- (25) “Energy and Labour Use in the Organised Manufacturing Sector of Maharashtra”, *Department of Economics, University of Mumbai, Working Paper No. UDE 14/2/2004*, February 2004.
- (26) “Performance of Maharashtra’s Manufacturing Sector”, *Centre of Advanced Study in Economics, Department of Economics, University of Mumbai, Working Paper No. UDE(CAS)5(5)/2003*, January 2003.
- (27) “Growth of Employment and Output of Organised Manufacturing Sector in India: An Inter-State Analysis”, *Centre of Advanced Study in Economics, Department of Economics, University of Mumbai, Working Paper No. UDE(CAS)3(3)/2002*, October 2002.
- (28) “Import Intensity in the Registered Manufacturing Sector of India”, *Department of Economics, University of Mumbai, Working Paper No. UDE (GE) 6 (3) /2000*, November 2000.
- (29) “Industrial Growth and Structure- An analysis of Manufacturing Sector in Maharashtra”, *Department of Economics, University of Bombay, Working Paper No. 98/1*, 1998.
- (30) “A Programme for Capacity Utilization in the Indian Manufacturing Sector”, *Department of Economics, University of Bombay, Working Paper No. 96/6*, February 1996.

(d) Book Reviews:

- (1) “The Dynamics of Competition: Understanding Indian Manufacturing Industries” by K. Puspagandan and N. Shanta, Oxford University Press, 2009, in *Journal of Quantitative Economics*, Vol. 7, No. 2, July 2009, pp. 200-202.

(e) News Paper Articles:

- (1) “Institutional Support Mechanism for Small Scale Industries”, in *SAKAL*,

Kolhapur, on August 1, 1997.

- (2) “Three Years of New Industrial Policy”, in *MAHARASHTRA TIMES*, in two parts on June 1 and 2, 1994.
- (3) A brief review of “Economic Crisis Management and Challenges-Restructuring the Indian Economy”, edited by R. K. Sinha, Deep and Deep Publications, New Delhi, in *KESARI*, Pune, on December 31, 1992.
- (4) “Marathi Artha Shstra Parishad: A Review” on the eve of 16th Annual Conference of Marathi Artha Shastra Parishad at Nashik in *DESHADOOT*, Nashik, on December 25, 1992, (with co-author).
- (5) “Cautious Use of the Option of Privatization” in two parts in *GAVAKARI*, Nashik, on August 3 and 4, 1991, (with co-author). In response to the Union budget (first) presented by the finance minister Dr. Manmohan Singh.

11. RESOURCE PERSON FOR WORKSHOP/REFRESHER COURSE:

1. **Resource Person** in the Two Day National Workshop on “*Academic Writing, Combating Plagiarism, Citation Management and Publishing Research Papers in High Impact Factor Journals*” organised by Yashwantrao Chavan School of Rural Development, Shivaji University, Kolhapur on 8th and 9th January, 2015
2. **Expert Lectures in Four Sessions on ‘Orientation on Research and Research Methodology’**, in **Orientation Program** (Quality of Higher Education: Research Activity) organised by Academic Staff College, Pt. Ravishankar Shukla University, Raipur, Chhatisgad, on 17th and 18th November, 2014
3. **Resource Person for Refresher Course** in Economics conducted by Department of Economics for Academic Staff College, University of Mumbai, on '**Macroeconomics Economics and Finance**', during 18th November to 7th December, 2013.
4. **Resource Person for Refresher Course** in Economics conducted by Department of Economics for Academic Staff College, University of Mumbai, on '**Issues in Development Economics**', during 19th November to 8th December, 2012.
5. **Resource Person for Refresher Course** in Economics conducted by Department of Economics for Academic Staff College, University of Mumbai, on '**Macroeconomic Policy**', during 31st October to 19th November, 2011.
6. **Resource Person for Refresher Course** in Economics conducted by Department of Economics for Academic Staff College, University of Mumbai,

on '**Current Trends in Development Economics**', during 21st October to 10th November, 2009.

7. **Resource Person for Refresher Course** in Economics conducted by Department of Economics for Academic Staff College, University of Mumbai, on '**Emerging Trends in Economics in the Post-liberalised Era**' during 8th September to 27th September, 2008.
8. **Resource Person for Refresher Course** in Economics conducted by Department of Economics for Academic Staff College, University of Mumbai, on '**Developing Economies with special reference to India**', during December 09 to December 30, 2005.
9. **Co-ordinator for Refresher Course in Economics** for the topic '*Perspectives on India's Economic Reforms*', organised by Department of Economics, University of Mumbai, December 1-20, 2003.

12. KEY-NOTE/MEMORIAL/INAUGURAL/EXPERT SPEECHES:

- (1) Participated as a **panellist** in the **Panel Discussion** on the theme of '**Yuan Devaluation: Its Implication on Emerging Economies with Special Reference to India**', organised by the School of Economics, Hyderabad University, on September 30, 2015, Hyderabad, India.
- (2) **Chaired a Technical Session I:** 3.25 pm to 5.00 pm, on the theme '**WTO Accession and Trade Barriers**', in the two day *International Conference* on '**Trade and Exchange Rate Policies in the Context of WTO and Preferential Trading Agreements (PTAs): Challenges Before Emerging Economies**' held at Institute of Public Enterprise, Hyderabad, India, during September 28-29, 2015.
- (3) Delivered a **Lead Lecture** on '*An Analysis of Export Competitiveness of BRIC*', in the two day *International Conference* on '**Trade and Exchange Rate Policies in the Context of WTO and Preferential Trading Agreements (PTAs): Challenges Before Emerging Economies**' held at Institute of Public Enterprise, Hyderabad, India, during September 28-29, 2015.
- (4) Participated as a **panellist** in the **Panel Discussion** on the theme of '**Yuan Devaluation: Its Implication on Emerging Economies**' in the two day *International Conference* on '**Trade and Exchange Rate Policies in the Context of WTO and Preferential Trading Agreements (PTAs): Challenges Before Emerging Economies**' held at Institute of Public Enterprise, Hyderabad, India, during September 28-29, 2015.

- (5) **Chaired a Technical Session-6: 10.30 – 12.00**, in the Conference on ‘**West Bengal Economy**’ organised by Centre for Advanced Studies, and Centre for West Bengal Economy, Department of Economics, **Jadavpur University, Kolkata** on 02-03 January 2015 at Kolkata.
- (6) Delivered Expert Lectures in Four Sessions on '**Orientation on Research and Research Methodology**', in **Orientation Program** (Quality of Higher Education: Research Activity) organised by **Academic Staff College, Pt. Ravishankar Shukla University, Raipur, Chhatisgad**, on November 17, and 18, 2014.
- (7) Delivered Expert lectures in *Three Sessions* on '**Research and Research Methodology**' in **Research Methodology Course in Social Sciences** (sponsored by ICSSR, MHRD and Government of India, New Delhi) organised by Government Post Graduate College , Nahan, Himachal Pradesh University, Shimla, Himachal Pradesh, on October 9, and 10, 2014.
- (8) Participated and delivered **Key-note Speech** on “*An Appraisal of Foreign Direct Investment in India*”, in the **National Seminar on Foreign Direct Investment: Trends, Opportunities and Challenges**, organised by **H.P.U. Business School, Himachal Pradesh University, Shimla** sponsored by Indian Council of Social Science Research on March 28-29, 2014.
- (9) Delivered **Expert Lectures** in two sessions on '**Research Methodology: Dimensions of Research and Data Sources**', for the ICSSR, New Delhi, funded **Orientation Programme for Research Scholars and Faculty Members**, on February 10, 2014, at Indian Institute of Education, Kothrud, Pune, India.
- (10) Participated and delivered **Key-note Address** on “*Trade Openness and Economic Growth Nexus: A Case Study of BRICS*” in the **National Seminar on ‘Trade and Development’** organized by **School of Economics, Devi Ahilya Vishwavidyalaya (DAVV), Indore and IPS Academy, Indore**, on February 7-8, 2014, at School of Economics, DAVV, Indore, Madhya Pradesh, India.
- (11) Participated as a **Resource Person and Expert** for the ICSSR, New Delhi funded **Capacity Building Programmes for Faculty and Research Scholars in Social Sciences** on January 8, 2014 at Indian Institute of Education, Kothrud, Pune, 411 038, delivered two sessions on **Research Methodology** and two sessions on **Data Sources** in Economics.
- (12) Participated and delivered a **Key-note Speech** on “*An Analysis of the Export Competitiveness of BRIC*”, in the **International Academic Conference on ‘The Transition of the BRICS’ Economy under Globalization**’, organized by Antai College of Economics & Management, **Shanghai Jiao Tong University, Shanghai, China**, on December 7-8, 2013, at Antai College of Economics &

Management, Shanghai Jiao Tong University, No.535, Fa Hua Zhen Road, Shanghai 200052, P. R. China.

- (13) Participated as **one of the panellists** in Panel Discussion in NAAC Sponsored **National Conference on “Human Resource Development for Quality Enhancement in Educational Institutions: Perspectives and Prospects”**, organised by Gokhale Education Society’s College of Education and Research, Parel, Mumbai, on October 2-3, 2012.
- (14) **Chaired a Technical Session** and Delivered **Valedictory Address** at **Two-Day State** level Seminar on ‘Indian Economy-The Inclusive Growth Agenda’ on 22nd and 23rd February, 2012. Topic of address was ‘*The Inclusive Growth: India’s Experience*’, organized by R.N.C. Arts, J.D.B. Commerce and N.S.C. Science College Nashik Road, Nashik.
- (15) Delivered **Inaugural Address** to the Participants of Research Seminar on Ph. D., organized by **Asian School of Management and Research** on ‘*Research Methodology*’ on 26th November 2011, Pune.
- (16) Delivered **Professor Kalyankar Memorial Lecture** on ‘*A Comparative Analysis of Organised Manufacturing Sector of Maharashtra during Pre- and Post-Liberalization*’, at Annual Conference of Marathawada Arthashastra Parishad On March 15 and 16, 2003, at Latur, Maharashtra.
- (17) **Invited Special Lecture** on ‘*Industrial Performance of Major Four Industrial States in India*’ at the **Department of Economics, Shivaji University, Kolhapur**, on March 24-25, 1999.

13. CONFERENCES, SEMINARS, WORKSHOPS ATTENDED, PARTICIPATED, PAPER PRESENTED, ETC.:

1. Participated and presented a Paper titled ‘*Foreign Direct Investment and Intra-industry Trade in India’s Manufacturing Sector: A Causal Relationship*’ in the two day *International Conference on ‘Trade and Exchange Rate Policies in the Context of WTO and Preferential Trading Agreements (PTAs): Challenges Before Emerging Economies*’ held at Institute of Public Enterprise, Hyderabad, India, during September 28-29, 2015. (with Pooja Thakur and Hemangi Kelkar).
2. Participated and presented a paper titled “*An Examination of Determinants of India’s Intra-industry Trade*” in the **Professor V. M. Dandekar Memorial National Seminar** organised by the Indian School of Political Economy, Pune on 31st July and 1st August, 2015 (with Hemangi Kelkar).

3. Participated and presented a paper titled “*India’s Organised Manufacturing Sector: Where is West Bengal?*” in the Conference on ‘*West Bengal Economy*’ organised by Centre for Advanced Studies, and Centre for West Bengal Economy, Department of Economics, **Jadavpur University, Kolkata** on 02-03 January 2015 at Kolkata.
4. Participated and presented a paper titled “*Analysis of the Organised Manufacturing Sector in India: An Appraisal of Major States*” in the Conference on ‘*West Bengal Economy*’ organised by Centre for Advanced Studies, and Centre for West Bengal Economy, Department of Economics, **Jadavpur University, Kolkata** on 02-03 January 2015 at Kolkata. (with Rucha Ranadive).
5. Participated and presented a paper titled “*India’s Vertical and Horizontal Intra-Industry Trade During Post-Liberalization Period*”, in the Fourth IIFT **International Conference on Empirical Issues in International Trade & Finance**, Organised by Indian Institute of Foreign Trade, New Delhi, on 18-19 December, 2014 at New Delhi. (with Hemangi Kelkar)
6. Participated and presented a paper titled “*Transmission Mechanism of Exchange Rate Pass-Through in India*”, in the Fourth IIFT **International Conference on Empirical Issues in International Trade & Finance**, Organised by Indian Institute of Foreign Trade, New Delhi, on 18-19 December, 2014 at New Delhi. (with Rucha Ranadive)
7. Participated and presented a paper titled “*Localization of Industries in the Organised Manufacturing Sector of India: An Interstate Analysis*” in the Professor V. M. Dandekar Memorial **National Seminar on ‘Dynamics of Industrial Location: Trends, Concerns and Challenges’** by the Indian School of Political Economy, Pune on 07-08 November, 2014 (with Rucha Ranadive).
8. Participated and presented a paper titled “*An Analysis of Productivity Spillovers from Foreign Direct Investment in India’s Services Sector*”, in the **International Conference on “Empirical Research on Trade in Services”**, organised by Centre for WTO Studies, Indian Institute of Foreign Trade, New Delhi, on 21-22 August, 2014 at New Delhi. (with Pooja Thakur).
9. Participated and presented a paper titled “*India’s Export Competitiveness and Complementarity in Services*”, in the **International Conference on “Empirical Research on Trade in Services”**, organised by Centre for WTO Studies, Indian Institute of Foreign Trade, New Delhi, on 21-22 August, 2014 at New Delhi, (with Neha Karnik and Hemangi Kelkar).
10. Participated and presented a paper titled “*Productivity Spillovers from Foreign Direct Investment in the Manufacturing Sector of India*”, in the **National Seminar on Foreign Direct Investment: Trends, Opportunities**

and Challenges organised by **H.P.U. Business School, Himachal Pradesh University, Shimla** sponsored by Indian Council of Social Science Research on March 28-29, 2014, (with Pooja Thakur).

11. Participated and presented a paper titled “*Exchange Rate Volatility and Effectiveness of Intervention in India*”, in the **4th International Conference on Applied Econometrics (ICAE-IV)** organised by **IBS, Hyderabad** in collaboration with **The Indian Econometric Society** on March 20-21, 2014 at IBS, Hyderabad, (with Rucha R. Ranadive).
12. Participated and presented a paper titled “*Causality Between Trade Openness and Economic Growth: Experience of India and China*”, in the **4th International Conference on Applied Econometrics (ICAE-IV)** organised by **IBS, Hyderabad** in collaboration with **The Indian Econometric Society** on March 20-21, 2014 at IBS, Hyderabad, (with Rucha R. Ranadive and Neha N. Karnik).
13. Participated in **Professor V. M. Dandekar Memorial Two-Day National Seminar** on ‘*Political Response to Economic Restructuring*’ organised by the Indian School of Political Economy, Pune , on August 2-3, 2013
14. Participated and presented a paper titled “*India’s Inclusive Growth and Development: An Assessment*”, in **International Conference on Inclusive and Sustainable Growth** organised jointly by Institute of Management Technology, Nagpur and Bharatiya Agro Industries Foundation (BAIF) Development Research Foundation, Pune on October 4-6, 2012 at BAIF Campus in Pune, (with other co-authors).
15. Participated and presented a paper titled ‘*Competitiveness of BRIC Countries in Merchandise Trade*’ in the UGC Sponsored **National Conference on Emerging Market Economies** organised by Ramnarain Ruia College, Department of Economics, Matunga, Mumbai 400019, on 27 to 28, August, 2012, (With Neha Karnik).
16. Participated in **Professor V. M. Dandekar Memorial Two-Day National Seminar** on ‘*National Food Security Bill*’, organised by the Indian School of Political Economy, Pune, on 30th and 31st July, 2012.
17. Participated and presented a paper titled ‘*An Enquiry into the Employment of the Organised Sector in India*’ in the **National Seminar** on “**Globalisation, Labour Markets and Employment Relations in India**”, organised by the Institute for Human Development (IHD) and Indian Society of Labour Economics on 9-10 July 2012, Mumbai (With Pooja Thakur).
18. Participated in the **Seminar ‘Bankassurance and Beyond’** organised by **College of Insurance (Insurance Institute of India)** at Sofitel Mumbai BKC, C-57, Bandra Kurla Complex, Bandra East, Mumbai 400051 on 4th July, 2012.

19. Participated and presented a paper titled '*Performance Efficiency Analysis of Prominent Indian Shipping Companies: An Application of Data Envelopment Analysis*' in the **16th International Conference of Input-Output Research Association**, India (IORA, India) held at Gokhale Institute of politics and Economics, Pune from 6-8 March, 2012 (With Poonam Kapoor).
20. Participated in the Interactive Session on World Bank's New **Report 'More and Better Jobs in South Asia'**, organized by **CII** on Tuesday 17th January 2012, Assembly Room, Taj President- Vivanta, Cuffe Parade , Mumbai.
21. Participated in the **National Seminar on 'Emerging Trends in Economic Offence'** organized by **Commissioner of Police, Brihan-Mumbai** at Stock Exchange, on 15th and 16th November, 2011.
22. Participated in the **Conference on Public Policy** in a Federal Setup organized by **Centre for Advanced Study, Department of Economics and Rajiv Gandhi Centre for Contemporary Studies**, University of Mumbai on February 19 and 20, 2009.
23. Worked as a *Co-ordinator* in the **Workshop on Industrial Economics** organized by **Center for Advanced Study, Department of Economics, University of Mumbai** on March 7, 2008. Presented a paper titled '*Performance of Indian Cement Industry*'. (With co-author: Shruti Yamini).
24. Participated in the **International Conference on Transportation System Studies**, organised by **Walchand Hirachand Unit in Transport Economics, Department of Economics, University of Mumbai**, Mumbai, on January 10-12, 2008. Presented a paper titled '*Competitiveness of Firms in Indian Automobile Industry*'. (with co-author: Shruti Yamini)
25. Worked as a *Co-ordinator* in the **Seminar on Economic Survey of Maharashtra**, Organised jointly by **Department of Economics, University of Mumbai and Directorate of Economics and Statistics, Government of Maharashtra**, on February 3-4, 2007. Presented a paper titled *Industrial Sector in Maharashtra*.
26. Participated in the **Seminar on Perspective on Maharashtra's Economy**, Organised by the **Department of Economics, University of Mumbai**, on March 11 and 12, 2004. Presented a paper titled '*Energy and labour use in the Organised Manufacturing Sector of Maharashtra*'.
27. Worked as a *Co-ordinator* of the **Seminar on Perspectives on Maharashtra's Economy**, Organised jointly by **CASE, Department of Economics, University of Mumbai and Directorate of Economics and Statistics, Government of Maharashtra**, on January 9 and 10, 2003. Presented a paper titled '*Performance of Maharashtra's Manufacturing Sector*'.

28. Participated in the **National Seminar on Economic Policies and the Emerging Scenario: Challenges to Government and Industry**, organised by the **Centre of Advanced Study in Economics, department of Economics, University of Mumbai**, on November 21, 2002. Presented a paper titled '*Growth of Employment and Output of Organised Manufacturing Sector in India: An Interstate Analysis*'.
29. Organised and Participated '**Post-graduate Teachers' Workshop on Revised Syllabus of M. A. (Economics)** organised by the **Centre of Advanced Study in Economics, University of Mumbai**, on October 17 and 18, 2002.
30. Participated in the **National Seminar** on Reforms, Institutions and Policies Challenges Confronting the Indian Economy, Organised by **Centre of Advanced Study in Economics, Department of Economics, University of Mumbai**, on March 22-24, 2001.
31. Presented a paper entitled '*Liberalization and Employment in the Registered Manufacturing Sector in India*', at **All-India Seminar on Indian Economy in the New Millennium**, Organized by the Department of Economics, University of Mumbai, on March 24-25, 2000.
32. Presented a paper entitled '*The Economic Reforms and Ninth Five Year Plan*' in the **National Seminar on the State of Economic Reforms** on the Eve of the Ninth Five Year Plan, organized by the **Department of Economics, Dr. B. Ambedkar Marathwada University, Aurangabad**, on November 18-19, 1997.
33. Participated in the **Symposium** organized jointly by the **Department of Economics, University of Mumbai and British Council Division**, Mumbai on Financial Liberalization' on February 21-22, 1997.
34. Participated in the Symposium on "European Community 1992 (EC-1992): Challenges for the Indian Industry", organized jointly by British Council, Division British Deputy High Commission and Department of Economics, University of Mumbai, on March 6-7, 1996.
35. Participated actively in the organization of '**National Conference on Transportation Systems Studies**', organized by the Department of **Economics, University of Mumbai**, on December 9-11, 1996.
36. Participated in **19th Annual Conference of Marathi Arthashastra Parishad at Tilak Maharashtra Vidyapeeth, Pune**, on November 4-6, 1995.
37. Participated in the **Seminar on 'Financial Sector Reforms and Central Bank Autonomy'**, organized by the **Department of Economics, University of Mumbai**, on March 14, 1995.

38. Participated in the '**Teachers' Training Programme**' organized by B. Y. K. College of Commerce, Nashik on March 27-28, 1993.
39. Participated and *chaired* technical session in the **Seminar on 'Economics- (a) Devaluation of Rupee, and (b) Income Tax: Incentives For Savings'** organized by **R. B. N. Borawake College, Shirampur**, (Ahmed Nagar), on March 13-14, 1993.
40. Participated in **16th Annual Conference of Marathi Arthashastra Parishad** at **K. T. H. M. College**, Nashik on December 25-27, 1992.
41. Participated in the Seminar on '**Price Theory**' organized by the **Department of Economics, K. T. H. M. College, Nashik**, on March 18, 1992.
42. Participated and *chaired* technical session in the **workshop on 'Innovative Methods of Teaching and Students Evaluation for Humanities and Social Sciences'** organized by **C. T. Bora College, Shirur, (Pune)**, on March 15, 1992.
43. Participated in the **Two-day National seminar on 'Management Education for Tomorrow'**, organized by **the J. D. C. Bytco Institute of Management Studies and Research**, Nashik on October 15-16, 1990.
44. Participated in the **Workshops** organized by Yashwantrao Chavan Maharashtra Open University, Nashik:
 - (a) At Indian School of Political Economy, Pune on April 16-17, 1990.
 - (b) At Adarsha B. Ed. College, Erandwane, Pune on August 11-12, 1991.
 - (c) At Yashwantrao Chavan Maharashtra Open University, Nashik on January 6-7, 1992.

These workshops were organized mainly for preparing syllabi and Writing the textbooks and study materials for the Yashwantrao Chavan Maharashtra Open University, Nashik.
45. Participated in the **Workshop under the Restructuring Programme** on March 26-27, 1990, organized by **University of Poona** at B. Y. K. College of Commerce, Nashik.
46. Participated in the **Fourth Annual Seminar for research students of the University of Poona**, organized by the University of Poona on February 7-8, 1986.

47. Presented a paper entitled '*Centre-State Financial Relations: Special Reference to Income Tax and Excise Duty*' in the seminar organized by **the Department of Economics, H. P. T. Arts and R. Y. K. Science College, Nashik**, on March 24, 1984.

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