

GOKHALE INSTITUTE OF POLITICS AND ECONOMICS
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Introduction

The Gokhale Institute of Politics and Economics is one of the oldest research and training institutes in economics in the country. It was founded on the 6th of June 1930 with an endowment offered to the Servants of India Society by the late Rao Bahadur R. R. Kale, Member of Legislative Council from Satara. The Servants of India Society, founded by late Shri Gopal Krishna Gokhale, are the Trustees of the Institute. The Institute is registered under the Societies Registration Act, 1860, and the Bombay Public Trusts Act, 1950.

The object of the Institute is to conduct research into the economic and political problems of India and to train research workers in these subjects. Under the pioneering leadership of late Professor D.R.Gadgil, the first Director of the Institute, the Institute set standards for high quality research, teaching and training in a number of branches of economics.

Keeping in view the eminence of the faculty, the contribution the Institute has made in teaching, training and research in economics, the availability of physical infrastructure and the potential of the Institute, the Government of India, on the advice of the University Grants Commission, declared the Institute as deemed to be a university from May 9, 1993, the birthday of late Shri Gopal Krishna Gokhale after whom the Institute is named. The Institute started functioning as deemed to be a University with effect from that day.

Research :

The main thrust areas of the Institute, developed over the years through financial assistance from various sources, are agricultural economics and rural development, population studies, input-output studies for planning and development, microeconomics, macroeconomics, monetary economics and finance, public economics, international economics and the study of economics of East European countries.

Various ministries and public funding agencies including the Government of Maharashtra and private foundations like the Sir Dorabjee Tata Trust financed the research activities of the Institute in the early years. Subsequently, in 1954, the Union Ministry of Food and Agriculture established and have supported since then the Agro-Economic Research Centre of the Institute. During the early '50s, the Rockefeller Foundation made a substantial grant, spread over years, for the conduct of a research programme in rural demography. By the time this grant came to an end, the Union Ministry of Health, which had given grants for conducting some specific demographic studies in 1954-57, decided in 1964 to strengthen and expand the research work on Population by financing on a continuing basis a Population Research Centre as an integral part of the Institute. The Ford Foundation gave a very generous financial assistance for more than a decade beginning with the year 1956. Later on, the Ford Foundation in co-operation with the Planning Commission provided a separate grant for

research and training in the areas of planning and development mainly devoted to input-output studies. This has been continued by the Planning Commission. The Planning Commission has also given an endowment grant to the Institute to establish a Chair and Unit at the Institute for promoting teaching, research and informed debate on all issues relating to Planning and Development. The above-mentioned Chair is named as 'Professor D.R.Gadgil Chair in Planning and Development'.

In 1962, the University Grants Commission recognised the Institute as a Centre of Advanced Study in Agricultural Economics to start with and later, in 1964, as a Centre of Advanced Study in Economics. In 1977, the UGC, as a part of its Area Studies Programme, established at the Institute a Centre of Study of Economics of East European Countries. In the same year, the Reserve Bank of India instituted a Chair in Finance at the Institute. In 1988, the UGC decided to establish a Chair in Applied Economics at the Institute at the instance of South Asian Association for Regional Co-operation (SAARC). In 1989, the Ford Foundation gave a generous endowment grant to the Institute to found a Chair and to establish a section in international economics at the Institute, to carry out research activities in international economics and related subjects. The Ford Foundation grant also included support for the post of a Librarian and for acquisition of books and journals. The UGC has recently reviewed the work of the Institute as a Centre of Advanced Study in Economics and on the basis of the recommendation of the Review Committee approved the continuation of its assistance under the Special Assistance Programme for the next five years.

Teaching:

The Institute, right from its inception, was affiliated to the University of Bombay, conducted the M.A. Programme in economics and supervised the work of students working for research degrees of that University. In 1949, with the establishment of the University of Poona, the Institute became a constituent recognised institute of the University of Poona. Till a few years ago, the Institute was functioning, for all academic purposes, as the Department of Economics of that University. With the decision of the University of Poona, to establish a separate department of economics at its campus, the Institute, as Centre of Advanced Study in Economics, was granted effective autonomy by the University of Poona in 1986 in designing courses and in teaching and examination of M.A. courses in economics of the University. As stated earlier, the Institute has been granted by the Government of India the status of deemed to be a University with effect from May 9, 1993. With the grant of this status, the Institute now awards its own M.A. and Ph.D. degrees in economics. The syllabi of the courses offered at the Institute were thoroughly revised on the basis of the recommendations of a committee constituted for that purpose.

Training :

In 1988, the University Grants Commission selected the Institute and extended assistance to it, for conducting refresher courses in economics for in-service university and college teachers from the western region of the country. After the grant of Deemed to be a University status to the Institute in 1993, the UGC extended in 1994, the catchment area for the refresher courses to be conducted at the Institute to the entire country.

Library :

The Institute shares the Library of the Servants of India Society and has been mainly responsible for building it up during the last seven decades. The library is considered to be one of the foremost specialised libraries in India in the fields of economics and other related social sciences. This year, the library crossed the 2,50,000

mark of the number of volumes. The library now has 2,51,404 volumes and 475 journals and periodicals, received on subscription, exchange, gift and depository basis. The library has microfilm camera, microfilm and micro-fiche readers and a documentation section. With a view to making known addition of books to the library and the contents of the journals currently received in the library, two fortnightly lists, namely, Fortnightly List of Additions and Fortnightly List of Articles on India are brought out regularly and circulated in mimeograph form. The library has recently initiated a major programme of computerisation with the help of a grant from the UGC as part of the development assistance under the IX Plan and a grant under the INFLIBNET programme of the UGC.

Computer Section :

In the Computer Section, the facilities for data processing are available to researchers. The Institute offers consultancy and guidance services in data processing in collaboration with the Indian Council of Social Science Research. The Computer Section is well-equipped with hardwares and softwares to support the research, teaching and training programmes in the Institute. A one-year Certificate Course on Computer Applications for Economic Analysis is being introduced, beginning with the academic year 2000-2001, for the past and present M.A. and Ph.D. students of the Institute to complement the training in economics received by them at the Institute.

Publications:

The Institute has been regularly publishing, since 1959, a quarterly journal of economics in English, *Artha Vijnana*. This journal publishes results of research work carried out in the Institute as well as works of scholars from outside the Institute after a rigorous refereeing process. The Institute also publishes research works in the form of books and mimeograph series. The R.B.R.R. Kale Memorial Lecture, organised by the Institute every year on the occasion of the Founder's Day, is published under the Kale Memorial Lecture Series.

Annual Report 1999-2000

The Institute has pleasure in presenting the Annual Report of its activities for the year 1999-2000.

I List of Research Studies Completed during the Year 1999-2000

1. Farm Subsidies and Farm Cost-Pricing Analysis: Issues in the Context of Economic Liberalisation in India, by Ashok K. Mitra.
2. Evaluation of Management of Seed Supply in Oilseeds and Pulses in Maharashtra, by A. Narayanamoorthy.
3. Evaluation of Central Sector Scheme Integrated Programme for Development of Spices Implemented during VIIIth Plan, by Sangeeta Shroff.
4. Economic Reforms and Dynamics of Co-operative Movement in Maharashtra, by Deepak Shah.
5. Reproductive and Child Health in Nashik District : A Baseline Survey, 1999, by Sanjeevane Mulay, Usha Ram and R. Nagarajan.
6. Verification of Authenticity of Reported Cases of Sterilisation and IUD Insertions: A Field Investigation in Rural Maharashtra, by R. Nagarajan.
7. Availability of Oral Pills and Condoms and their Use in the Tribal Areas of Thane District, Maharashtra, by Usha Ram.
8. Determinants of Unwanted Pregnancies/Births in Tribal and Muslim Areas of Thane District, Maharashtra, by Usha Ram.
9. Assessment of Reproductive Tract Infection in Slums of Pune City, by Sanjeevane Mulay.
10. Reproductive Behaviour among Muslims of Malegaon, by Sanjeevane Mulay and Usha Ram.
11. A Regional Analysis of Trends in Energy Efficiency of Indian Industries (1979 to 1992), by Latika Argade
12. Study of the Impact of Change in Relative Price on Fuel Consumption Patterns in Indian Industries, 1979 to 1994, by Latika Argade.
13. Capital Coefficients in the Organised and Unorganised Manufacturing Sector in India, by Amita Dharmadhikary-Yadwadkar.
14. Higher Education and Earnings, by S. Madheswaran.
15. Estimation of Ignorance in the Labour Market: A Two-tiered Earnings Frontier Method, by S. Madheswaran.
16. Human Life Cycle, Real Interest Rate, Savings and Economic Growth, by P. D. Singhal and V. S. Chitre

II Research Studies/Reports in Progress:

1. Changing Structure of Agricultural Production and Exports of Eastern Europe in Transition, by Ashok K. Mitra.
2. Impact of Minimum Support Prices on Agricultural Economy, by K. G. Kshirsagar and Sangeeta Shroff.
3. Evaluation of Soft Loan Schemes for the Development of Post-Harvest Infrastructure for Horticultural Crops, by K. G. Kshirsagar and Deepak Shah.

4. Rapid Impact Evaluation of NWDPRRA in Maharashtra, by A. Narayanamoorthy and K. G. Kshirsagar
5. Impact of Drip Irrigation in Sugarcane Cultivation in Maharashtra, by A. Narayanamoorthy.
6. An Economic Evaluation of Agricultural Financial Institutions in Maharashtra, by Deepak Shah.
7. Performance of Agricultural Sector in Maharashtra : Phases and Sources of Growth by Jananti Ghanekar and R. Vijay.
8. Land Holding and Use Pattern among SCs and STs in Maharashtra, by B. B. Mohanty.
9. Suicides of Farmers in Maharashtra: A Socio-Economic Analysis, by B. B. Mohanty.
10. Evaluation of Health and Family Welfare Training Institutions in Maharashtra, by Sanjeevane Mulay, R. Nagarajan and Usha Ram.
11. Evaluation of Mahila Swasthya Sangh Scheme in Maharashtra, by Sanjeevane Mulay.
12. Determinants of School Attendance of Children in Rural Maharashtra : a District Level Analysis Based on 1991 Census, by R. Nagarajan.
13. Evaluation of Functioning of RTI/STI Clinics in Maharashtra, by Usha Ram.
14. Childlessness in India : District Level Analysis, by Usha Ram.
15. Health Infrastructure in Rural Maharashtra, 1961-91, by Sanjeevane Mulay.
16. Macroeconomics of India, by V. S. Chitre.
17. Estimation of Compliance Cost of Personal Income Tax in India and a Study of its Determinants, by Arindam Das-Gupta.
18. Estimation of Compliance Cost of Corporate Income Tax in India, by Arindam Das-Gupta.
19. Compliance Cost and its Relationship with the Compliance Behaviour of the Taxpayers in relation to the Personal Income Tax in India, by Arindam Das-Gupta.
20. Estimating Import Intensities of the Indian Manufacturing Sector, by Amita Dharmadhikary-Yadwadkar
21. Data Banks for Energy Studies, by Latika Argade.
22. Impact of Trade Union on Wages, by S. Madheswaran.
23. Gender and Intra-Family Allocation of Resources (based on NCAER-UNDP Data), by S. Madheswaran.

III List of Papers, Chapters in Books and Monographs Published by the Academic Staff during the Year 1999-2000:

1. Participatory Methods for Collecting Germplasm : Experiences with Farmers in Rajasthan, India, *Plant Genetic Resources News Letter*, 2000, FAO and IPGRI, Rome, Italy, No. 121, pp.1-9, by K. G. Kshirsagar, jointly with A. Christinck, K. vom Brocke, E. Weltzien and P. J. Bramel-Cox.
2. An Application of the Linear Discriminant Function on Members and Non-Members of Milk Co-operatives in Maharashtra, *Indian Journal of Quantitative Economics*, Vol. 14, No. 2, pp. 31-48, 1999, by Deepak Shah.

3. An Economic Evaluation of Onion Production and its Marketing in Maharashtra, *Indian Journal of Agricultural Marketing*, Vol. 13, No. 3, September-December 1999, by Deepak Shah.
4. Production and Marketing Pattern of Grapes in Maharashtra : An Appraisal, *Indian Journal of Agricultural Marketing*, Vol. 14, No. 1, January-April 2000, by Deepak Shah.
5. Agricultural Export Potential of Developing Countries in the Changing Economic Environment, in the *Proceedings of Fourth International Food Convention*, Technical Sessions on 'Trends in Food Science and Technology', Central Food Technological Research Institute (CFTRI), Mysore, December 1999, pp. 612-621, by Deepak Shah and Alok Shah.
6. A Model Case of Dairy Industry in Maharashtra, in S. K. Kulkarni (ed.), *Co-operative Development*, Phadke Prakashan, Kolhapur, pp. 154-162, by Deepak Shah.
7. Changing Scenario of Electricity Consumption in Indian Agriculture, *Productivity*, Vol. 40, No. 1, April-June 1999, pp. 128-138, by A. Narayanamoorthy.
8. Farmers in Groundwater Management, *Kurukshetra*, Vol. 47, No. 10, July 1999, pp. 16-20, by A. Narayanamoorthy.
9. Agricultural Growth and Migration: Search for New Evidence, *Indian Journal of Agricultural Economics*, Vol. 54, No. 3, July-September 1999, pp. 402-411, by A. Narayanamoorthy.
10. An Appraisal of Watershed Development Programme Across Regions in India, *Artha Vijnana*, Vol. 41, No. 4, December, 1999, pp. 315-415, by R. S. Deshpande and A. Narayanamoorthy.
11. Agricultural Modernization and Social Inequality - Case Study of Satara District, *Economic and Political Weekly*, Vol. 34, No. 26, 1999, pp. A50-61, by B. B. Mohanty.
12. Agricultural Modernization in Maharashtra : Myth and Reality, *The Eastern Anthropologist*, Vol. 52, No. 2, 1999, pp. 145-161, by B. B. Mohanty.
13. Role of Women in Agriculture : With Special Reference to Small Farmers and Farm Labourers, in *Studies in Tribal Rural and Urban Development*, Vol. II, No. 16, Discovery Publishing House, New Delhi, 2000, pp.142-148, by R.D.Khodaskar
14. Fertility Transition in Maharashtra and Tamil Nadu: Some Issues, *Man & Development*, Vol. 21, No. 2, pp. 81-95, June 1999, by R. Nagarajan.
15. The Relationship between Landholding and Fertility in Rural Tamil Nadu, *The Indian Journal of Economics*, Vol. 79, No. 314, pp. 333-355, 1999, by R. Nagarajan.
16. Social Gains from Female Education in India, *Productivity*, Vol. 40, No. 2, pp. 269-278, July-September 1999, by R. Nagarajan.
17. Landholding, Child-labour and Schooling, in Koteswara Rao (ed.), *Exploited Children: A Comprehensive Blueprint for Child Labour Rehabilitation*, Kanishka Publishers, New Delhi, 2000, by R. Nagarajan.
18. Household Amenities and Regional Variations in Infant and Childhood Mortality in Maharashtra, 1999, *Demography India*, Vol. 28, No. 1, pp. 239-256, by Usha Ram.
19. Teenage Motherhood in Rajasthan: Levels and Trends, in F. Ram and S. Acharya (eds.), *Population and Development in Rajasthan*, Forthcoming , by Usha Ram.
20. Demographic Transition in Maharashtra, 1980-92, *Economic and Political Weekly*, Vol. 34, No. 42 and 43, pp. 3063-3074, October 16, 1999, by Sanjeevane Mulay.

21. महाराष्ट्रातील नागरीकरण : विकासास पोषक की घातक ? अर्थसंवाद, No. 23, July-September 1999, by Sanjeevane Mulay.
22. महाराष्ट्रातील अंतर्गत स्थलांतरण प्रक्रिया, अर्थबोध, Vol. 5, No. 5, February 2000, pp. 7-26, by Sanjeevane Mulay.
23. India's Population in the Next Millenium, in *Manorama Year-Book for 2000*, by Sanjeevane Mulay.
24. Determinants of External Finance and Dividend Behaviour of Sugar Industry in India : An Econometric Study, *Indian Journal of Applied Economics*, Vol. 8, No. 4, October-December 1999, pp. 177-192, by P. Srinivasa Suresh and V.V.N. Somayajulu.
25. Fixed Investment, Inventory Investment, Dividends and External Finance : A Simultaneous Equations Approach to Indian Sugar Industry, *Indian Journal of Economics*, Vol. 79, No. 314, January 2000, pp. 373-386, by P. Srinivasa Suresh and V.V.N. Somayajulu.
26. Corporate Behaviour Theories and Models of Fixed Capital and Inventory Investments, External Finance and Dividends : A Critical Survey in Search of Research Gaps for Reforms Period, in V.V.N. Somayajulu (ed.), *Econometric Studies of Economic Reforms in India*, Academic Foundation, March, 2000, pp 208-251, by V.V.N. Somayajulu and P. S. Suresh.
27. Impact of Devaluation on Prices and Export Earnings, in V. V. N. Somyajulu and K. N. Prasad (eds.), *Indian Economy in Input-Output Framework*, pp. 169-181, by Latika Argade.
28. Impact of Liberalisation on Indian Industries, in Parag Wakanis (ed.), *Impact of New Economic Policies on Indian Economy*, pp. 67 - 86, by Latika Argade.
29. Exchange Rate Movements in India, 1970-94, in Shukla, A. (ed.), *National Money Market and Indian Economic Reforms*, Kanishka Publishers, New Delhi, January 2000, by Smriti Mukherjee.
30. International Reserve Changes and the Indian Economy, in R. K. Sen (ed.), *Indian Economic Issues*, Rabindra Bharati University, February 2000, by Smriti Mukherjee.
31. Classical Political Economy : Lessons for India, in 20th Conference Volume, Bengal Economic Association, February 2000, pp 131-138, by Smriti Mukherjee.
32. An Anti-Corruption Strategy for Revenue Administration, PREM Notes, Number 33, The World Bank, Washington DC, November 1999, by Arindam Das-Gupta, Michael Engelschalk and William Mayville.
33. Reforming Tax Systems: The World Bank Record in the 1990s, Policy Research Working Paper 2237, The World Bank, Washington DC, November 1999, by Arindam Das-Gupta, Luca Barbone, Luc De Wulf and Anna Hansson.
34. Good Governance: the Business of Government, in Sanjay Kathuria and James Hanson (team leaders), *India: Policies to Reduce Poverty and Accelerate Sustainable Development*, The World Bank, New Delhi, January 2000, by Arindam Das-Gupta.
35. Decomposing Revenue Effects of Tax Evasion and Tax Structure Changes, *International Tax and Public Finance*, Vol. 7, No. 2, March 2000, pp. 177-194, by Arindam Das-Gupta and Ira N.Gang.
36. Changing Economic Structure and Rural Labour Institutions: Micro-Level Evidence from Maharashtra, *Indian Journal of Labour Economics*, Vol. 42, No. 4, 1999, Conference Number, by Jayanti Ghanekar-Kajale.

37. Modeling Migrant Native Contracts, *Artha Vijnana*, Vol. XLI, No. 3, September 1999, pp. 238-244, by R. Vijay.
38. Analysis of Permanent Land Transfers : Case of Annasamudram, *Indian Journal of Agricultural Economics*, Vol. 55, No. 1, January-March 2000, pp. 47-54, by R. Vijay.
39. Education, Employment and Earnings for Scientific and Technical Workforce in India: Gender Issues, *Indian Journal of Labour Economics*, forthcoming, January-March 2000, by S. Madheswaran
40. Educational Screening Hypothesis: Some Evidence from India, *International Journal of Educational Development*, forthcoming, by S. Madheswaran.
41. Gandhi in English Autobiographical Literature of India, parts I-IV, *Bhavan's Journal*, Bharatiya Vidya Bhavan, Mumbai, Vol. 46, No 5, October 15, 1999, pp. 52-59; Vol. 46, No. 6, October 31, 1999, pp. 85-89; Vol. 46, No. 9, December 15, 1999, pp. 85-92, and Vol. 46, No. 11, January 15, 2000, pp. 80-85, by N. Benjamin.

IV Participation in Conferences, Seminars, Lectures, Work on Committees, etc.:

D.C. Wadhwa (Emeritus Professor): Continued to work as a (i) Member, Indian Historical Records Commission, Government of India, New Delhi; (ii) Member, Governing Council, Tribal Research Institute, Government of Maharashtra, Pune; (iii) Member, Governing Board of the Centre for Multi-Disciplinary Research, Dharwad, as a nominee of the Indian Council of Social Science Research, New Delhi; (iv) Member, Advisory Committee, Shivaji University, Department of Economics, UGC Special Assistance Programme, Phase I: Departmental Research Support, Kolhapur, as a nominee of the UGC; (v) Honorary Fellow, Indian School of Political Economy, Pune; and (vi) सदस्य, प्रादेशिक अभिलेख सर्वेक्षण समिती, महाराष्ट्र राज्य, पुणे.

Worked as an Adviser of the Personality Test Board for interviewing candidates who had qualified in the Civil Services (Main) Examination of the Union Public Service Commission, New Delhi, for the following services: (i) Indian Administrative Service (I.A.S.), (ii) Indian Foreign Service (I.F.S.), (iii) Indian Police Service (I.P.S.) and Police Services, Group 'B', and (iv) Central Services, Group 'A' and Group 'B'.

Participated in a Workshop on 'Whither Tenancy' at the Lal Bahadur Shastri National Academy of Administration, Mussoorie, at the invitation of the Academy, and presided over a Session on 'Issues and Experiences at State Level'.

Participated, at the invitation of the National Institute of Construction Management and Research, Mumbai, in Fifth National HRD Round Table on Redefining Priorities for Human Resource Management in Construction, organised by the National Institute of Construction Management and Research in Collaboration with Employers Federation of Indian and Industrial Relations Institute of India.

Continued to work on ongoing research.

V.S. Chitre : Inaugurated a Workshop on Research Methodology for the teachers of M.B.A. Course of the University of Pune, organised by the Sinhgad Institute of Management, on August 6, 1999.

Delivered two lectures to the participants of the UGC - sponsored Refresher Course in Agricultural Economics, organised by the Institute.

(i) Continued to work as a member of the Editorial Advisory Board of *Artha Vijnana*, *Journal of Quantitative Economics*, *Prajnana*, *Journal of Foreign Exchange and International Finance* and the *ICRA Bulletin : Money and Finance*, (ii) Worked as a referee for *Artha Vijnana*, *Journal of the Indian School of Political Economy*, *Reserve Bank of India Occasional Papers*, (iii) Continued to work as a member of the Selection

Committee for award of Post-doctoral Fellowships in Environmental Economics under the Capacity Building Project on Environmental Economics, of the Ministry of Environment and Forests, Government of India, (iv) Continued to work as a member of the Governing Body as well as the General Body of the National Institute of Public Finance and Policy, New Delhi, (v) Continued to work as a member of the Technical Advisory Committee on Government Securities Market, appointed by the Reserve Bank of India, (vi) Appointed as a member of the Advisory Group of Experts on Short-term Monetary/Liquidity Model, set up by the Reserve Bank of India, (vii) Worked as a member, Education Sub-Committee, Maharashtra Chamber of Commerce, Industries and Agriculture, Pune, (viii) Worked as a member of the Committees for Recognition of Post-Graduate Teachers of Shivaji University, Kolhapur, and North Maharashtra University, Jalgaon.

Attended a meeting of a group of economists invited by the Finance Minister, Government of India, New Delhi, on January 5, 2000, for pre-budget consultations and a meeting of a group of economists invited for discussion with Eleventh Finance Commission during their visit to the State of Maharashtra on January 22, 2000.

Ashok K. Mitra : (i) Participated in a Workshop on Rural Financing, organised by Bank of Maharashtra, (ii) Participated in a Workshop on Population Policy, organised by Family Planning Centre, (iii) Co-ordinated UGC-sponsored Refresher Course on Microeconomics and its Applications at the Institute and also delivered lectures at the same, (iv) Delivered five lectures to the participants of Inter-Basin Water Resource Development Training Course at Central Water and Power Research Station, Khadakwashala, (v) Delivered seven lectures to the participants of UGC - sponsored Refresher Course on Agricultural Economics at the Institute, (vi) Delivered four lectures to the participants of UGC - sponsored Refresher Course of the University of Mumbai.

Arindam Das-Gupta : Presented a paper entitled "Central Tax and Administration Reform in the 1990s : An Assessment", at (i) International Seminar on Monetary and Fiscal Policy, Poverty and Public Policy (in the honour of Dr. Raja J. Chelliah), organised by Institute of Social and Economic Change, Bangalore, on January 17-18, 2000.

Invited papers, entitled (i) "Tax Administration Reform and Taxpayer Compliance in India", authored jointly with Dilip Mookherjee and Shanto Ghosh and (ii) "Value Added Tax Evasion, Auditing and Transactions Matching", authored jointly with Ira Gang, were presented at the Conference on Institutional Elements of Tax Design and Reform, organised by the Columbia University, New York, and the World Bank, Washington, DC, at Columbia University, New York, on February 18-19, 2000.

Delivered a Lecture on (i) "Agricultural Taxation", in the UGC - Sponsored Refresher Course at the Institute, January 2000, (ii) "Budget 2000", at S. P. College on February 28, 2000, (iii) two lectures delivered on "State versus Market" at the UGC - sponsored Refresher Course, Gogate College, Ratnagiri, on March 20, 2000.

Sanjeevane Mulay : (i) Participated as a Resource Person at the meeting held in Health and Family Welfare Training Centre, Pune, for finalising the Sampling Design for Survey into Causes of Death, June, 1999, (ii) Participated in the workshop on 'Population Situation in Maharashtra', organised by Public Health Department of Maharashtra, held at Yashwantrao Chavan Academy of Development Administration, Pune, August 21-22, 1999, (iii) Participated in the workshop organised by Public Health Department of Maharashtra, held at Aurangabad, September 1, 1999, (iv) Participated in the workshop on 'Report Writing', held by Population Council, at Baroda, September 1999, (v) Participated in the workshop on 'HIV-AIDS', held at International Institute of Population Sciences, Mumbai, during December 21-26, 1999, (vi) Participated as a member, in the meeting of the Committee (Set up for preparing a population policy

document for Maharashtra), held on December 24, 1999, at Mantralaya, Mumbai, (vii) Participated in the workshop organised by Public Health Department of Maharashtra, to review the opinions regarding Maharashtra's population situation, held at State Family Welfare Bureau, February 2000, (viii) Participated in the one day seminar on "Dissemination of the Reproductive and Child Health Survey Baseline Report, 1998", organised jointly by the Institute and the Health and Family Welfare Training Centre, Nashik, on January 8, 2000, and presented the findings of the Baseline Survey Report to the officials of the Department of Health and Family Welfare, Maharashtra, jointly with R. Nagarajan and Usha Ram, (ix) Delivered two lectures on Population Situation in India for the participants of the courses organised by Population Education Resource Centre at University of Pune, (x) Participated as a Resource person in the UGC - sponsored Refresher Course, organised by the Institute.

K.G. Kshirsagar : (i) Participated in the workshop on Summer Training Programme of the International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Hyderabad, July 27-28, 1999, (ii) Presented a key note research paper, written jointly with Deepak Shah, entitled "Livestock and Livestock Products Exports of India in the Changing Economic Environment", in the UGC-SAP-DRS Sponsored National Seminar on Agricultural Exports, held at the Shivaji University, Kolhapur, September 28-29, 1999, (iii) Gave a seminar on "An Overview of Research in Agricultural Economics at the Gokhale Institute of Politics and Economics", at the International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Hyderabad, on July 28, 1999, (iv) Coordinated 31st UGC - sponsored Refresher Course in Agricultural Economics at the Institute and held various sessions including a lecture-cum discussion session on "Improved Technology for Dry-lands in India", at the Refresher Course, (v) Worked as a referee for the Journal of Indian School of Political Economy and Artha Vijnana, (vi) Worked as Officiating Registrar of the Institute, and (vii) Worked as In-charge, Agro Economic Research Centre of the Institute.

Latika Argade : (i) 'मराठी अर्थशास्त्र परिषदेने आयोजित केलेले तेविसावे वार्षिक अधिवेशन, दिनांक १६, १७ व १८ नोव्हेंबर १९९९ रोजी रत्नागिरी येथे झाले त्यात पुढील निबंध सादर केला. 'मार्क्सच्या दृष्टीकोनातून भारतीय समाजातील वर्गकलह - स्वरूप - सटीक विश्लेषण - प्रत्युत्तर - सद्यस्थिती', (ii) Presented a paper, "Review of Amartya Sen's book entitled *Poverty and Famines*", at Bhanage Memorial Seminar, held on February 26, 2000, at Ness Wadia College of Commerce, Pune.

N. Benjamin : (i) Presented a paper on "American Participation in the Industrialisation of Colonial India : Three Case Studies" in the workshop on American History, organised by Department of History, University of Pune, Pune, on October 12-14, 1999, (ii) Presented a paper on "Great Indian Peninsula Railway Company and Christianity" in the annual session of the Indian History Congress in Calicut in December 1999.

Smriti Mukherjee : (i) Presented a paper in Seminar on Eleventh Finance Commission, organised by Institute of Development Studies, Lucknow University, Yojana Bhavan, Lucknow, August 31 - September 2, 1999, (ii) Presented a paper and acted as a rapporteur in 82nd Annual Conference, Indian Economic Association, December 27-29, 1999, Amritsar, (iii) Presented a paper in 20th Annual Conference, Bengal Economic Association, February 18-20, 2000, Rabindra Bharati University, Calcutta.

(i) Delivered a lecture to the participants of the 31st UGC - sponsored Refresher Course at the Institute, January 19, 2000, (ii) Delivered a lecture to the participants of a training programme in International Banking and Foreign Trade, at National Institute of Bank Management, Pune, October 12, 1999, (iii) Delivered a lecture to the participants of International Programme in Banking for Development, January 31, 2000, (iv) Gave a presentation in the Conference of Chiefs of International Banking at National Institute of

Bank Management, Pune, February 7, 2000, (v) Gave a seminar to the faculty members and students of Rabindra Bharati University, Calcutta, February 25, 2000.

R. Nagarajan : (i) Attended the Meeting of the PRC Directors, organised at Nirman Bhavan, New Delhi, by the Ministry of Health and Family Welfare, May 19, 1999, and presented the research work done by our PRC during the year 1998-1999, (ii) Participated in the workshop on "Managing Health Sector Reform", organised by the Department of Health and Family Welfare, Government of Maharashtra, with the sponsorship from the European Commission, at Mumbai on September 30, 1999, (iii) Participated in the Millennium Conference on Population, Development and Environment Nexus and XXIII Annual Conference of the Indian Association for the Study of Population, held at New Delhi, during February 14-16, 2000, and presented a paper titled "Verification of Authenticity of Reported Cases of Sterilisation and IUD Insertion under Target and Target-free Approaches : A Field Investigation in Rural Maharashtra", (iv) Participated in the one day seminar on "Dissemination of the Reproductive and Child Health Survey Baseline Report, 1998", organised jointly by the Institute and the Health and Family Welfare Training Centre, Nashik, January 8, 2000, and presented the findings of the Baseline Survey Report to the officials of the Department of Health and Family Welfare, Government of Maharashtra.

B.B. Mohanty : (i) Participated in the XXIII Social Science Congress held in Avinashilingam University, Coimbatore, December 26-31, 1999, and presented a paper titled "Elementary Education in Tribal Orissa : Some Issues for Discussion" at the Congress, (ii) Participated in the National Seminar held at Sambalpur University, February 11-12, 2000, and presented a paper titled "Land Distribution among Scheduled Castes and Tribes in India : Option before Scheduled Groups" and acted as a rapporteur in the Seminar, (iii) Gave a seminar on "Land Distribution among Scheduled Castes and Scheduled Tribes in India : Option before Scheduled Group", at the Institute, March 3, 2000.

Usha Ram : (i) Participated in the Millennium Conference of the Indian Association for the Study of Population, held at New Delhi during February 2000, sponsored jointly by the Indian Association for Study of Population, Population Foundation of India, New Delhi and United Nation Fund for Population Activity, presented a paper on the 'Determinants of Unwanted Pregnancies/Deliveries in the Tribal Areas of Maharashtra' and worked as the Discussant to the session on 'Studies in Reproductive and Child Health', (ii) Gave a lecture on 'Population Situation in India : An Overview' at Pune University in the training programme on Population and Development Education, organized by the Population Education Resource Centre of the University on September 7, 1999, (iii) Gave a seminar on Dissemination of the Findings of the Baseline Survey of RCH in Nashik to the Programme Managers and Service Providers in the District, on January 8, 2000.

A. Narayanamoorthy : (i) Presented paper entitled "Rural Poverty and Irrigation : Pointers for the Next Millennium" at the Foundation Day Seminar on Rural Prosperity and Agriculture : Policies for the Next Millennium, held at the National Institute of Rural Development, Hyderabad, during November 4-5, 1999, (ii) Presented paper entitled "Sustainable Agricultural Development and Micro-Irrigation", at the First Biennial Conference of the Indian Society for Ecological Economics, held at Institute for Social and Economic Change, Bangalore, during December 20-22, 1999, (iii) Presented paper entitled "Economic Evaluation of Drip Irrigation : A Study of Maharashtra", and a paper entitled "Drip Irrigation : A Viable Technology for Saving Water and Electricity", at the International Conference on Micro and Sprinkler Irrigation Systems, held at Jain Irrigation Systems Limited, Jalgaon, during February 8-10, 2000.

Delivered six lectures on different topics in Agricultural Economics at

the 31st UGC - sponsored Refresher Course in Agricultural Economics, organised for college and university teachers at the Institute, during January 3-22, 2000.

Deepak Shah : Presented a key note research paper, jointly with K.G. Kshirsagar, entitled 'Livestock and Livestock Products Exports of India in the Changing Economic Environment', in the UGC-SAP-DRS sponsored National Seminar on 'Agricultural Exports', held at the Department of Economics, Shivaji University, Kolhapur, September 28-29, 1999.

Conducted two lecture-cum-discussion sessions: (i) Rural Credit Structure in India and (ii) Evaluation of Financial Institutions : Some Analytical Techniques, at the 31st UGC - sponsored Refresher Course in Agricultural Economics, organised by the Institute, January 3-22, 2000.

Sangeeta Shroff : (i) Participated in Indian Society of Labour Economics Conference held at Indira Gandhi Institute for Development Research, Mumbai, during November 19-21, 1999, (ii) Participated in a workshop on "Gender Issues" held at Yashwantrao Chavan Academy for Development Administration, Pune, during October 25-30, 1999.

Delivered two lectures at the UGC - sponsored Refresher Course on Agricultural Economics conducted at the Institute in January 2000 on (i) Measurement of Employment, and (ii) Women in Agriculture.

S. Madheswaran : (i) Paper entitled "Earnings Differentials and Worker's Choice in the Employment Between Public and Private Sectors in India", accepted for the presentation in the Far Eastern Meeting of the Econometric Society, National University of Singapore, July 1-3, 1999, (ii) Presented a paper entitled "Education, Employment and Earnings for Scientific and Technical Workforce in India : Gender Issues", at the 41st Indian Society of Labour Economics Conference, November 18-20, 1999, held at Indira Gandhi Institute for Development Research, Mumbai, (iii) Participated in and worked as a discussant for the Workshop on "Economic Reforms and Labour Market Flexibility", Institute for Human Development, New Delhi, December 28-31, 1999.

(i) Delivered four lectures on the Application of Microeconomics in Environmental Economics, at the 30th UGC - sponsored Refresher Course in Microeconomics, at the Institute, June 1999, (ii) Delivered three lectures on the Valuation of Environmental Goods and Services Economics, at the 31st UGC - sponsored Refresher Course in Agricultural Economics, at the Institute, January 2000.

V M.A. Programme at the Institute :

In addition to the work on various research projects, the members of the faculty of the Institute were also engaged in the teaching of courses for the M.A. (Economics) Programme of the Institute.

During the year under report, there were 65 students in the M.A. Class (Part I and Part II) in the Institute.

VI 6th Convocation of the Institute :

Twenty five successful students received their M.A. degrees in Economics from the Gokhale Institute of Politics and Economics (Deemed to be a University) at the 6th convocation of the Institute held on December 5, 1999.

VII Pandurangi Prize :

Smt. Dhongde Shatakshee Ramesh, who secured first rank with an 'A+' grade in the M.A. Examination held in May 1999, was awarded the Pandurangi Prize on the occasion of the 6th convocation of the Institute held on December 5, 1999.

VIII. Late Professor M. V. Namjoshi Prizes :

We have instituted two prizes in the memory of late Professor M. V. Namjoshi, former Professor at the Institute, to be awarded out of the interest income from the endowment made by Mrs. M. M. Namjoshi. One prize will be awarded to the student who stands first among those successfully completing the M. A. (Economics) Programme of the Institute during the year. The other prize will be awarded to a student who secures highest marks in the course on Industrial Economics (B04 : Industry: Structure, Organization, and Problems) in the M. A. (Economics) Programme of the Institute from among those who have successfully completed the Programme during the year. The prizes will be awarded to the students subject to their obtaining a minimum of B+ grade (55 per cent and above) in the M.A. (Economics) examination. These prizes will be awarded from the academic year 2000-2001.

IX Ph.D. Students:

The members of the faculty of the Institute continued to guide the Ph.D. students in Economics. There were 21 students working at the Institute for their Ph.D. degrees during the year under report. The following research students who worked for their Ph.D. degrees in the Institute were awarded Ph.D. degrees of the University of Pune during the year under report: (i) Smt. Dharmadhikary (Yadwadkar) Amita K. for her thesis on "Planning for Trade : An Exercise in the Input-Output Framework for the Indian Economy", (ii) Smt. Parchure Sunayani R. for her thesis on "Economics of Agricultural Diversification with special reference to Recent Horticultural Development in Western Maharashtra", (iii) Smt. Rajani Gupte for her thesis on "Impact of Trade Liberalisation on the Level of Production of Indian Industry", and (iv) Smt. Veena Pailwar for her thesis on "A Computable General Equilibrium Analysis of Money, Finance and Economic Activity in India".

X UGC - Sponsored Refresher Courses :

During the year under report, the Institute conducted two UGC-sponsored refresher courses in economics for university and college teachers. The following are the details of the said courses:

Course No.	Subject of the Refresher Course	Duration of the Course	Name of the Course Co-ordinator	No. of Participants
30	Microeconomics and its Applications	07.06.1999 to 26.06.1999	Prof. A. K. Mitra	49
31	Agricultural Economics	03.01.2000 to 22.01.2000	Dr. K. G. Kshirsagar	39

Eminent economists from various academic and research institutions and the members of the faculty of the Institute delivered lectures in these courses.

XI Visits of Scholars and Academicians :

The following scholars and academicians visited the Institute during the year:

- (1) Dr. Rafiq Dossani, Professor, Stanford University, U.S.A., on August 2, 1999.
- (2) Dr. Takashi Shinoda, Professor, Daito Bunka University, Japan, in August 1999.
- (3) Professor J. G. Krishnayya, Director, Systems Research Institute, Pune, on August 28, 1999.
- (4) Professor Per Hilding, Stockholm University, Sweden, during September 1999.

- (5) Professor N. S. Iyengar, Honorary Visiting Fellow, Institute for Social and Economic Change, Bangalore, and Emeritus Professor, Indian Statistical Institute, Bangalore, on October 27, 1999.
- (6) Dr. K. Pushpangadan, Associate Fellow, Centre for Development Studies, Trivandrum, on December 10, 1999.
- (7) Smt. Astrid Mathiassen, Department of Economics, Blindern, Norway, in January 2000.
- (8) Dr. H. D. Vinod, Professor of Economics, Fordham University, Bronx, N. Y., U.S.A., on January 20, 2000.
- (9) Professor R. H. Cassen, London School of Economics and Political Science, London, U.K., on February 9, 2000.
- (10) Dr. Cynthia Bantilan, Director, Socio-Economics and Policy Programme, Mr. M. P. Rajasekaran, Director, Administration and Human Resources and Mr. S. K. Dasgupta, Manager, Training, from the International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Patancheru, Andhra Pradesh.

XII Seminars Organised during 1999-2000:

During the year under report, the Institute organised seminars, details of which are as under:

Sr. No.	Date	Speaker	Title
1	10.04.1999	Dr. A. Narayanamoorthy	Irrigation and Rural Poverty Nexus : A State-wise Analysis
2	02.08.1999	Dr. Rafiq Dossani	Rural Credit in India
3.	06.08.1999	Dr. T. Shinoda	Livestock Development in the Pre-independence period : Some Preliminary Results
4	28.08.1999	Prof. J. G. Krishnayya	A Multi Disciplinary Approach to Applied Systems Analysis
5	27.10.1999	Prof. N. S. Iyengar	Application of Bayesian Estimation in Economics
6	10.12.1999	Dr. K. Pushpangadan	Jobless Growth in Indian Manufactures : An Alternative Explanation
7	17.12.1999	Dr. R. Vijay	Some Issues on the Description of a Stagnant Economy
8	21.12.1999	Dr. (Smt.) Amita Yadwadkar	The Organised and Unorganised Manufacturing Sectors of the Indian Economy
9	14.01.2000	Smt. Astrid Mathiassen	A Probabilistic Micro Model for Choice of Agricultural Production in Maharashtra
10	20.01.2000	Prof. H. D. Vinod	Statistical Analysis of Corruption Data and Using the Internet to Reduce Corruption
11	28.01.2000	Prof. Arindam Das-Gupta	Central Tax and Administration Reform in the 1990s: An Assessment
12	09.02.2000	Prof. R. H. Cassen	Population, Development and Environment: India in the 21 st Century
13	03.03.2000	Dr. B. B. Mohanty	Land Distribution among Scheduled Castes and Tribes in India : Option Before Scheduled Groups

XIII New Staff Members :

During the year under report, one Professor, one Reader and three Research Associates joined the faculty of the Institute.

XIV Development of Infrastructure :

Substantial development of infrastructure and major repairs and maintenance work in the Institute and the staff quarters and hostels of the Institute were initiated with the help of development assistance received from the UGC during the IX Plan. A new EPABX system of telephones has been installed during the year. The computer facilities at the Institute were considerably expanded during the year. Personal computers were provided in the offices of a number of faculty members.

The programme of computerisation of the library, initiated in the previous year, made substantial progress during the year. A comprehensive library software package SLIM++ was installed and a number of computer terminals were acquired for the library. About 1.5 lakh of records have been entered in the data base, covering acquisitions of the library from 1979 till date. An On Line Public Access Catalogue (OPAC) will be shortly made available for the use of the readers.

Students amenities in the hostel were also considerably enhanced.

XV Kale Memorial Lecture :

Professor Mihir K. Rakshit, Honorary Professor, Indian Statistical Institute, Calcutta, and Director, Project on Money and Finance in India, ICRA Ltd., delivered the Kale Memorial Lecture on "Post-Uruguay Round Trade Negotiations : A Developing Country Perspective" at the 6th Convocation on December 5, 1999.

XVI Publications:

The Institute published the following publications during the year 1999-2000:

- (1) *Artha Vijnana* : Vol. 41, No.1, March 1999
Vol. 41, No. 2, June 1999
Vol. 41, No. 3, September 1999
Vol. 41, No. 4, December 1999
- (2) *Artha Vijnana Reprint Series No. 16: An Appraisal of Watershed Development Programme Across Regions in India*, by R. S. Deshpande and A. Narayanamoorthy.
- (3) Kale Memorial Lecture, 1998, "The Dilemmas of Development - the Indian Experience", by Shri S. Venkitaramanan, Former Governor, Reserve Bank of India.

XVII Condolences :

The Institute records with grief the sad demise of Smt. S. G. Joglekar on June 4, 1999, Professor M. V. Namjoshi on September 1, 1999, Dr. Mangesh B. Padki on October 17, 1999, Smt. Sumitra S. Soman on October 24, 1999 and Smt. Kumud S. Pore on November 23, 1999.