

Short CV of Dr AR Kemal

BIO DATA

Name : Abdul Razzaq Kemal

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ACADEMIC EXPERIENCE

<u>Degree/Certificate/Program.</u>	<u>Year</u>	<u>University</u>	<u>Subjects</u>
Ph.D.	1978	Manchester	Economics
Master of Arts	1972	Stanford	Economics
Annual Program of Studies	1970	Economic Institute, Colorado	Economics
Master of Arts	1968	Punjab	Economics
Bachelor of Arts	1966	Punjab	Economics, Political Science, English and Arabic

PROFESSIONAL AFFILIATIONS

- President, Pakistan Society of Development Economists.
- Member, Society for International Development.
- Member, Pakistan Futuristic Foundation and Institute
- Member, Advisory Board of Mahbub ul Haq Human Development Centre
- Member, Academic Council of Quaid-i-Azam University

PROFESSIONAL EXPERIENCE

- Staff Economist, Pakistan Institute of Development Economics, April 1969 to September 1972.

- Research Economist, Pakistan Institute of Development Economics, October 1972 to November 1978.
- Senior Research Economist, Pakistan Institute of Development Economics, November 1978 to March, 1980.
- Chief of Research, Pakistan Institute of Development Economics, March 1980 to March 1990.
- Joint Economic Adviser, Ministry of Finance (on deputation from PIDE), January 1984 to April 1988.
- Joint Director, Pakistan Institute of Development Economics, March 1990 to December 15, 1999.
- Member, Planning Commission, Government of Pakistan, July 2, 1995 to April 7, 1997 and Chief Economist (Additional Charge) November 5, 1995.
- Chief Economist, Planning Commission, Government of Pakistan, April 5, 1997 to December 15, 1999
- Director, Pakistan Institute of Development Economics, December 15, 1999 to-date
- Editor, Pakistan Development Review, December 15, 1999 to-date
- Co-Editor, *Pakistan Development Review*, 1979 to 1983 and 1988 to 1995.
- Referee: - Journal of Applied Economics and Journal of Developing Areas
- Secretary, Advisory Council, Ministry of Finance, 1984 to 1987.
- Secretary, Pakistan Society of Development Economists, 1989 to 1991.
- Secretary, Committee on Economic and Social Well-being, Eighth Five Year Plan.
- Chairman, Sub-committee on Sources of Growth, Eighth Five Year Plan.
- Member, Task Force on Economic Policy Formulation.
- Member, Working Group on Labour, Seventh Five Year Plan.
- Member, Working Group on Manpower, Eighth Five Year Plan.
- Member, Working Group on Statistics, Seventh & Eighth Five Year Plans.
- Member, National Accounts Committee, 1974 - to-date.
- Member, Central Investment Promotion Committee, 1986-88.
- Member, Task Force on Poverty Alleviation and Self Reliance.
- Member, Task Force on Agriculture.
- Chairman, Sub-Committee on Non-agricultural and Non-industrial Income Accounts.
- Chairman, Committee on National Accounts.
- Chairman, Committee on Poverty Reduction Strategy, P&D Division (1999-2000)
- Member, Editorial Advisory Board, *Pakistan Bankers*.
- Member, Editorial Advisory Board, *Pakistan Economic and Social Review*.
- Member, Editorial Advisory Board, *Kashmir Economic Review*.
- Member, Editorial Board, *Pakistan Manpower Review*.
- Member, Editorial Board, *Journal of the Institute of Bankers in Pakistan*.

TEACHING EXPERIENCE

Courses Taught at Quaid-i-Azam University, International Islamic University and PIDE (Ph.D. and M.Phil students) Islamabad:

- i) Mathematics for Economists
- ii) Quantitative Methods in Economics
- iii) Introduction to Econometrics
- iv) Advanced Econometrics
- v) Introduction to Macro-economics
- vi) Advanced Macro Economics
- vii) General Equilibrium Economics
- viii) Applied Economics
- ix) Applied Econometrics
- x) Topics in Micro-economics
- xi) Econometric Methods

PUBLICATIONS

a) Books

1. (With Syed Nawab Haider Naqvi and *Rashid Aziz*). *An Econometric Model of Pakistan's Economy*. Pakistan Institute of Development Economics, Islamabad, 1982.
2. (With Syed Nawab Haider Naqvi, Alan Heston, Norma Tan and Associates), *Structure of Protection in Pakistan* (Two volumes), Pakistan Institute of Development Economics, Islamabad, 1983.
3. (Co-edited with V-Kanesalingam), *Trade Expansion in South Asia: Liberalization and Mechanisms*, Macmillan India Limited, New Delhi, 1990.
4. (With Syed Nawab Haider Naqvi) *Protectionism and Allocative Efficiency in Manufacturing in Pakistan*, International Centre for Economic Growth, San Francisco, 1991.
5. (with Zafar Mahmood). *Labour Absorption in the Informal Sector and Economic Growth in Pakistan*, Friedrich Ebert Stiftung, Islamabad, 1993.
6. (with Syed Nawab Haider Naqvi and Mian M. Nazir) *PIDE's Research Programme for 1993-1996*, Pakistan Institute of Development Economics, Islamabad, 1994.
7. (with Syed Nawab Haider Naqvi). *The Burden of Protection: A Case Study of Pakistan's Manufacturing* (to be published by International Centre for Economic Growth, San Francisco), 1997.
8. (With Faiz Bilquees, Shahnaz Rauf, Rehana Siddiqui, Fazal Hussain and Z.M.Nasir) *Macroeconomics of Pakistan's Economy*, PIDE, Islamabad. October 2000.

(b) Articles

1. "Contribution of Large Scale Manufacturing Industries Towards Gross National Product at World Prices in Pakistan", *Pakistan Development Review*, Spring 1974.
2. (With M. G. Chaudhry) "Wheat Production Under Alternative Production Functions", *Pakistan Development Review*, Summer 1974.
3. (With T. Alauddin) "Capacity Utilization in Manufacturing Industries of Pakistan", *Pakistan Development Review*, Autumn 1974.

4. (With S. Guisinger), "The Social Value of Savings in Developing Countries and Optimal Second Best Tariffs" Discussion paper No.1, Pakistan Institute of Development Economics, Islamabad, 1974 (Mimeographed).
5. (With Z. Alvi) "Effects of 1972 Devaluation on Balance of Trade", *Pakistan Development Review*, Spring 1975.
6. "The Effect of Tax Holiday on Investment Decisions: Some Comments", *Pakistan Development Review*, Summer 1975.
7. "Eliminating Dependence on Foreign Aid: Some Policy Implications", *Pakistan Development Review*, Winter 1975.
8. "Consistent Time Series Data Relating to Pakistan's Large Scale Manufacturing Industries", *Pakistan Development Review*, Spring 1976.
9. "Sectoral Growth Rates and Efficiency of Factor Use in Large Scale Manufacturing Industries of West Pakistan", *Pakistan Development Review*, Winter 1976.
10. "On the Concept of Foreign Exchange Multiplier: A Correction", *Pakistan Development Review*, Autumn 1976.
11. "Are Consistent Time Series Data Relating to Pakistan's Large Scale Manufacturing Industries Inconsistent"? *Pakistan Development Review*, Spring 1978.
12. *An Analysis of Industrial Efficiency in Pakistan: 1959-60 to 1969-70* Ph.D. Thesis submitted to the University of Manchester, 1978.
13. "Infant Industry Argument, Protection and Manufacturing Industries of Pakistan", *Pakistan Development Review*, Spring 1979.
14. "Planning Models in Pakistan" Paper presented at the Seminar on Models for Alternative Development Strategies, The Hague, Netherlands, 13-24 October 1980.
15. (With F. Bilquees and Ashfaq Khan). "Estimates of Money Supply for West Pakistan", Statistical Paper Series No.1 Pakistan Institute of Development Economics, 1980.
16. "Income Distribution in Pakistan" Research Report Series No.123, Pakistan Institute of Development Economics, April 1981.
17. (With Richard Porter) "Learning by Doing While Remembering Forgetting with Reminders from the Pakistan Manufacturing Data" Discussion Paper 92, Center for Research on Economic Development. The University of Michigan, May 1981.
18. "Substitution Elasticities in Large Scale Manufacturing Industries of Pakistan", *Pakistan Development Review*, Spring 1981.
19. (With Nadeem A. Burney and Shahid Hameed) "Quota Restrictions, Tariffs and the Scarcity Premium on License"; Statistical Paper Series No.2, Pakistan Institute of Development Economics, June 1981.
20. (With Paul Popiel) *Effective Exchange Rates for Exported or Exportable Products of Pakistan*. A Study prepared Jointly for the Pakistan Institute of Development Economics and the World Bank, Islamabad, December 1980.

21. "Import-Export Structure of Pakistan and Trade Expansion in South Asia", Paper Presented to Committee on South Asian Studies in Kathmandu, Nepal in 1981 and Lahore in 1982.
22. "Impact of Labour Policy on Economic Development: Major Research Issues", in (eds) June Whitaker and Monolo Abella, *Labour Administration: A Role for Universities and Research Institutions*, Report of the Regional Seminar, Bangkok ILO, 1982.
23. *Decentralized Planning, Income Distribution, Employment and Rural Development*, Study prepared for ILO, Geneva, July, 1982.
24. (With Muhammad Saleem and Tallat Mahmood), "An Input-Output Table for Pakistan's Economy 1975-76". Pakistan Institute of Development Economics, Islamabad, 1982.
25. "Substitution Elasticities in the Large Scale Manufacturing Industries of Pakistan - A Rejoinder", *Pakistan Development Review*, Summer 1982.
26. (With M. Irfan) "Employment and Manpower Projections for the Sixth Plan Period"; Paper presented at Pakistan Institute of Development Economics/ARTEP Seminar held in Islamabad 1983.
27. "Estimates of Investment Resource Pool for Pakistan". PEPAC, Islamabad 1983.
28. "Risk-bearing and Profit Sharing in An Islamic Framework: Some Allocational Considerations: Comments" in eds Z. Ahmad, M. Iqbal and M.F. Khan, *Fiscal Policy and Resource Allocation in Islam*: Institute of Policies Studies 1983.
29. "The Manufacturing Industries of Pakistan: An Analysis of Efficiency" in C. Kirkpatrick and F. Nixson, *The Industrialization of Less Developed Countries*, University of Manchester Press, Manchester, 1984.
30. "Synthesis Study on Import-Export Structure and Trade Expansion in South Asia", Presented to Committee on South Asian Studies, Delhi, 1984.
31. "Incentive Structure for Manufacturing Industries of Pakistan" A paper circulated at the First Annual General Meeting of Pakistan Society of the Development Economists held at Islamabad, 1984.
32. "Comments on Changes in Poverty and Income Inequality in Pakistan During the 1970s" *Pakistan Development Review*, Winter, 1985.
33. "Administrative Machinery and Data Relating to Labour Markets in Pakistan", Paper presented to ILO/ARTEP Workshop on Mid-Term Review of Sixth Plan, Islamabad, 1985.
34. "Comments on Economic Development Through Regional Co-operation: A Custom Drawback Union of Islamic Countries" Presented at the Seminar on Fiscal Policy and Development Planning in an Islamic State, July 6-10, 1986, Islamabad.
35. "Comments on Analysis of Inter-Industry Relations in Pakistan: Some Further Experiments With 1975-76 Data". *Pakistan Development Review*, Winter, 1986
36. "Economic Indicators as a Requirement for Security" in (eds) S.F. Hasnat and A. Pelinka, *Security for The Weak Nations: A Multiple Perspective*, Lahore: Izhar Sons, 1986.
37. "Pakistan's Manpower Planning Experience", in (ed.) Rashid Amjad, *Human Resource Planning*, ILO/ARTEP, Delhi, 1987.

38. "Effective Protection Rates: A Guide to Tariff Making" *Pakistan Development Review*, Winter 1987.
39. "Sources of Income Inequalities: Some Comments" *Pakistan Development Review*, Winter 1987.
40. *Fiscal System of Pakistan*, Study Prepared for World Bank, 1987.
41. *Trends in Balance of Payments and Trade Policies*, Study Prepared for World Bank, 1987.
42. "Pakistan's Experience with Manufacturing Consumer Durables", *Pakistan Development Review*, Winter 1988.
43. "Rural Development in Pakistan", *South Asia Journal*, Volume 1, No. 4, 1988.
44. *Indigenisation Policy in Pakistan*, Study Prepared for World Bank, 1988.
45. *Operational Lending Strategy for Pakistan*. Asian Development Bank. Manila 1988 (Mimeographed).
46. *Commercial Policy, International Trade and Structure of Protection in Pakistan*, Study Prepared for International Food Policy Research Institute, 1988.
47. "An Appraisal of Credit Facilities for Self Employment in Rural Areas and Suggested Improvement" in Report of Seminar on Promotion of Self Employment in Rural Areas, Ministry of Labour and Manpower, Islamabad, 1988.
48. "Human Resource Development Labour Surplus Economies - An Integrated Approach" in (ed.) S. N. Hyder, *Human Resource Development and Utilization: Issues and Policies*, Pakistan Manpower Institute, 1988.
49. "Fiscal Imbalances as an Obstacle to Privatization Effort" in *Pakistan Development Review*, Winter, 1989.
50. "South Asia and European Integration: Some Comments", *Pakistan Development Review*, Winter 1989.
51. "Manpower Planning and Monitoring", HRD Working Paper, UNDP/ILO ARTEP, New Delhi, 1989.
52. "Protection Structure in Pakistan", National Seminar on Privatization and Investment, UNDP Seminar Document.
53. "Protection, Industrial Development and Employment Generation in Pakistan", HRD Working Paper, UNDP/ILO ARTEP, New Delhi, 1990.
54. "Balance of Supply and Demand for Manpower", GOP/UNDP/ILO ARTEP, Islamabad, 1990.
55. (with Faiz Bilquees and Zafar Mahmood). "Sustainable Development in Pakistan with a Focus on Environmental Issues", Pakistan Institute of Development Economics, 1990.
56. "Economic Co-operation Among SAARC Countries", Pakistan Institute of Development Economics, 1990.
57. (with Mete Durdag). "Budgetary Deficit and Performance of Pakistan's Economy", Pakistan Institute of Development Economics and the World Bank, 1990.

58. "Partners in Progress: Economic Co-operation Between Pakistan and United States, 1947-88" in (ed.) Rais Ahmad Khan, *Forty Years of Pakistan-United States Relations*, Royal Book Co. Karachi, 1990.
59. "Manpower Statistics of the Informal Sector: Present Status and Future Requirements in Pakistan", in Proceedings of Regional Seminar on Labour Information System of Labour Administration, Data Base Project, M/O Manpower and Overseas, Islamabad, 1990.
60. "Industrial Policy and Technological Development", in *Human Resource Development in the Context of Industrialization*, UNDP Regional Bureau for Asia and the Pacific Division for Regional Programme, New York, 1990
61. "Industrial Sector Review Study", A paper prepared for Asian Development Bank, 1990.
62. "The Future Prospects of Pakistan's Economy", Periodic Paper 1, Pakistan Futuristic Foundation and Institute, Islamabad, 1991.
63. "Prospects of Trade Expansion in South Asia: Overview" in V. Kanesalingam and A.R. Kemal *Trade Expansion in South Asia: Liberalization & Mechanisms*, Macmillan India, 1991.
64. (With Syed Nawab Haider Naqvi) "The Privatization of Public Enterprises in Pakistan", *Pakistan Development Review*, Summer, 1991.
65. "National Perspectives Towards the Year 2000: National Approach Paper - Pakistan" in the Proceedings of Workshop on The Future of Pacific Economies (FAPE) IV. Kuala Lumpur. Asian Pacific Development Center. 1991.
66. "Privatization: The Experience of Pakistan" in (ed.) V. Kanesalingam, *Privatization: Trends and Experience in South Asia*. New Delhi. Macmillan India Ltd. 1991.
67. "Options for Financing Budgetary Deficit, Money Supply and Growth of Banking Sector", *Pakistan Development Review*, Winter, 1991.
68. "Monitoring of Labour Markets in Pakistan" a paper presented to Regional Workshop on Labour Market Analysis as a Tool for HRD Planning, 29-31 July 1991, Beijing, China by ILO/ARTEP.
69. "Performance of Pakistan's Economy". UNICEF, 1991.
70. "Options for Financing the Budgetary Deficit, Money Supply, and Growth of Banking Sector", *Pakistan Development Review*, Winter, 1991.
71. "Human Resource Development Strategy for the Eight Five Year Plan". ILO/ARTEP, New Delhi, India. 1991.
72. "Privatization in Pakistan", paper presented in the IPS Working Group on The State of the Economy, 1990-91, Institute of Policy Studies, Islamabad. 1991.
73. "Privatization and Free Market Economy: Comparative South Asian Experience", paper presented at the Conference Organized by Federation of Chambers of Commerce and Industry. 1991.
74. "Self-reliance and the Implications for Growth and Resource Mobilization", *Pakistan Development Review*, Winter, 1992.

75. "Fiscal and Monetary Policies and Employment in Pakistan" *Journal of the Institute of Bankers in Pakistan*, December 1992.
76. "Pakistan's Financial Markets and New Industrial Policy" *Pakistan Bankers*, January-June, 1992.
77. "Two Gap Theory and next Budget", Paper presented at Pre-Budget Seminar organized by Lahore Chamber of Commerce, 1992.
78. "Identification of Potential Sectors and Areas for Gainful Absorption of Return Migrants", in (eds) Nazir Hussain, Izzatullah Khan, and Khalid Hayat, *Return Migrants and Their Re-Integration in the Economy*, Islamabad, Friedrich Ebert Stiftung and Pakistan Manpower Institute, 1992.
79. "Taxation of Agricultural Incomes in Pakistan" Paper presented to Commission on Agricultural Taxation, 1992.
80. "Why Do Small Firms Fail to Graduate to Medium and Large Firms in Pakistan". *Pakistan Development Review*, Winter 1993.
81. *Intra-OIC Member Countries Migration, Returning Migrants and Remittances*, A Study Prepared for Islamic Development Bank, Jeddah, 1993.
82. *Innovative Policy Approaches to Entrepreneurial Skills and Micro-Enterprises Development: Pakistan Study*, A Study Prepared for UNDP, Islamabad, 1993.
83. "Retrenchment Policies and Labour Shedding in Pakistan", Occasional Paper Interdepartmental Project on Structural Adjustment, ILO, Geneva, 1993.
84. *Privatization and Retrenchment of Labour*, ILO/ARTEP, New Delhi, 1993.
85. *Industrial Sector Review in Pakistan*. Asian Development Bank, Manila. 1993.
86. "Modalities of on-Going Privatization Process and Its Possible Impact on Employment in Productivity" in (ed.) S. N. Hyder, *Privatization, Employment and Productivity*, Islamabad. Freidrich Ebert Stiftung and Pakistan Power Institute, 1993.
87. *Child Labour in Pakistan*. Freidrich Ebert Stiftung. Islamabad, 1993.
88. "Pakistan's Economic Battle: Can 1993-94 Budget Win It?" *Pakistan Banker*, Vol.3, No.2, 1993.
89. "Interest Free International Capital Transaction", Paper prepared for Islamic Economic Commission, Pakistan, 1993.
90. (with Zafar Mahmood and Athar Maqsood Ahmad). "Structure of Protection, Efficiency, and Profitability. Islamabad", Study prepared for the Resource Mobilization and Tax Reforms Commission, Karachi. 1994.
91. "Structural Adjustment, Employment, Income Distribution and Poverty", *Pakistan Development Review*, winter 1994.
92. "Informal Sector in Rural Pakistan" UNIDO. Islamabad. 1994.
93. "Recent Tax Structure and Equity in Pakistan" ESCAP, Bangkok. 1994.

94. "Infrastructure and Private Sector Development in Pakistan" in (ed.) Sadiq Ahmed and Rohil Hafeez, *Private Sector Development in Pakistan*, World Bank, Islamabad.
95. "Determination of the Basic Minimum Wages Through Calorie Intake Approach", Study prepared for Pay and Pension Committee, Government of Pakistan. Islamabad. 1994.
96. "Constraints, Policy Approaches and Programs for the Development of Micro Enterprises in Pakistan", UNDP. Islamabad. 1994.
97. "Reforms and Performance of Manufacturing Industries in Pakistan" Study prepared for the Asian Development Bank. 1994.
98. "International Trade Distortions and Their Impact on Growth and Balance of Payments", 20th SEANZA Central Banking Course, State Bank of Pakistan, Karachi, 1994.
99. "Poverty and Growing Unemployment in Pakistan - Where and Why Pakistan Failed", Paper read at a Workshop Organized by FES and Administrative Staff College, Lahore. 1994.
100. "Availability and Quality of Data on Pakistan's Economy". *Journal of Pakistan Bankers*, Lahore. 1994.
101. (with Syed Nawab Haider Naqvi). "Implication of Privatization on Employment and Social Protection in Pakistan", in (ed.) R. Islam *Social Dimensions of Economic Reforms in Asia*, ILO (SAAT), New Delhi, India, 1994.
102. "Principles of Taxation and Taxation System", Paper read at the conference organized by National Institute of Public Administration, Lahore, 1994.
103. (With Faiz Bilquees and Zafar Mahmood) "National Income Accounting and Environment: A Case Study of Waterlogging and Salinity in Pakistan", *Pakistan Development Review*, Winter 1995.
104. "Pakistan's Macro Economic Policies and the Small-scale Enterprises". Paper presented in the PIDE/Donors Group Policy Workshop on the Promotion of Small-scale Enterprises in Pakistan, January 29 - February 1, 1995. Islamabad.
105. "Case Study on the Economic Valuation of the Salinisation and Waterlogging as a Result of Inappropriate Irrigation in Pakistan", Pakistan Institute of Development Economics. A study prepared for ESCAP, 1995.
106. "Development of Private Sector of Pakistan", World Bank. 1995.
107. "Macro-economic Policies in Relation to Employment Promotion" Paper presented at conference organized by Pakistan Manpower Institute, Islamabad, 1995.
108. "Significance of SAARC and ECO for Pakistan" Paper read at conference organized by Institute of Regional Studies, Islamabad, 1995.
109. "Drug Abuse and the Economy of Pakistan", Presented at Conference on Drug Abuse held by ILO/winter's Education, Lahore, 1996.
110. "Socio Economic Impact of Globalization and Regionalization", Paper presented at a conference organized by Pakistan Chartered Accountants at Bhurban, 1996.
111. "Introduction to Poverty in Pakistan". (with Sameena Kamal) in *Poverty Seminar Report*, UNDP, 1996.

112. "Defining Poverty", *In Poverty Seminar Report*, UNDP, 1996.
113. "Globalization and its Impact on World of Workers: A case of Success and Failure in Selected Countries of Asia", Paper presented at conference jointly organized by ILO and Pakistan Manpower Institute, 1997.
114. "Poverty Alleviation in Pakistan - An Evaluation of Public Strategies and Policies Adopted for Poverty Alleviation" - in (ed.) Mahbulul Haq Sahibzada, *Poverty Alleviation in Pakistan; Present Scenario and Future Strategy*, Institute of Policy Studies and FES, December 1997.
115. "Why Regulate a Privatized Firm?" *Pakistan Development Review*, Winter 1996.
116. "Pakistan's Industrial Experience and Future Directions", *Pakistan Development Review*, Winter 1997.
117. (with Rashid Amjad), "Macroeconomic Policies and their Impact on Poverty Alleviation in Pakistan", *Pakistan Development Review*, Spring 1997.
118. (with Syed Nawab Haider Naqvi). "The Structure of Protection and Industrial Efficiency in Pakistan". *Journal of Economic Cooperation*, Istanbul, Turkey, 1997.
119. "Employment in the Manufacturing Sector", ILO/SAAT, Delhi, 1997.
120. "Tariff Rationalization, Growth and Inflation -- The Case of Pakistan", EDIPA's Course on Reconciling Policies for Economic Growth and Development with Moderating Inflation, organized by PIDE, 1997.
121. "Globalization with Equity: Policies and Growth", ILO, Bangkok, 1997.
122. "Debt Accumulation, Debt Servicing and Growth", *Pakistan Bankers*, 1997.
123. "Patterns and Growth of Pakistan's Industrial Sector" in (ed.) S.R. Khan, *Fifty Years of Pakistan's Economic Development*, Oxford University Press, Islamabad, 1997.
124. (with Tariq Banuri). "Economic Trends" in (ed.) T. Banuri, S.R. Khan, Moazam Mahmood, *Just Development*, Oxford University Press, Islamabad, 1997.
125. (with Tariq Banuri and Khawar Mumtaz). "Human Resource Development" in (ed.) T. Banuri, S.R. Khan, Moazam Mahmood, *Just Development*, Oxford University Press, Islamabad, 1997.
126. (with Moazam Mahmood). "Poverty and Policy in Pakistan" in (ed.) T. Banuri, S.R. Khan, Moazam Mahmood *Just Development*, Oxford University Press, Islamabad.
127. (with Tariq Banuri and Moazam Mahmood). "The Policy Framework and Structural Adjustments" in (ed.) T. Banuri, S.R. Khan, Moazam Mahmood *Just Development*, Oxford University Press, Islamabad, 1997.
128. "Electronic Commerce and International Trade of Pakistan", *Pakistan Development Review*, winter, 1997.
129. (with Syed Nawab Haider Naqvi). "Privatization, Efficiency and Employment in Pakistan" in (ed) Tony Bennet, *Privatization - How it Works*. 1998.

130. "Manufacturing Skills Training in Pakistan". Study prepared for ILO, SAAT, New Delhi, 1998.
131. "Characteristics of the Workers in the Urban Informal Sector of Pakistan", Research Report No. 160, Pakistan Institute of Development Economics, 1998.
132. "The Urban Informal Sector of Pakistan: Some Stylized Facts", Research Report No. 161, Pakistan Institute of Development Economics, 1998.
133. "Structural Adjustment, Employment and Poverty in Pakistan" in Mahmood (ed). *Adjustment and Beyond: the Reform Experience in South Asia*, Palgrave, 2001.
134. "Financing the Small and Medium Business and Industry in Pakistan", *Journal of the Institute of Bankers*, Vol. 66(2), 2000.
135. "Economic Relationship between Pakistan and Korea", Paper presented in the Seminar on Building Partnership Towards the 21st Century for South-West Asian Countries, Korea International Cooperation Agency (KOICA), Seoul, Korea, March 2000.
137. "Manufacturing Industries of Pakistan: Past, Present and Future", *DAWN*, 2000
138. "Role of Banks in the Micro-Credit", Seminar on Role of Banks in Micro Credit for Poverty Alleviation, Institute of Bankers, Pakistan. April 2000.
139. "External Resource Mobilisation in an Islamic Framework", PIDE, Islamabad, May 2000.
140. "Globalization and South Asia", *Mahbub ul Haq Human Development Review*, Vol.I, No.1, June 2001.
141. "Evolution of the Manufacturing Industries of Pakistan", *Daily Business Recorder*, August 2000.
142. (with Musleh-ud Din, Kalbe Abbas and Usman Qadir) "A Plan to Strengthen Regional Trade Cooperation in South Asia" in *Trade Finance and Investment in South Asia*, 2001
143. "Financing Investments in the Asia and Pacific Region: Trends, Issues and Methods", Paper prepared for ESCAP, Bangkok, Thailand, October 2000.
- 144 (with G. M. Arif) "Poverty Assessment Study: Pakistan" Prepared for Global Link Management, Inc. Tokyo, Japan. October 2000
145. "Construction Industries of Muslim Countries and WTO", paper presented at the Symposium of the Federation of Contractors from Islamic Countries (FOCIC), Beirut, Lebanon, November 2000.
146. "Globalization and Pakistan's Economy", *PIDE FOCUS*, 2001.
147. "Who Makes Economic Policies: The Players Behind the Scene", LEAD-Pakistan Occasional Paper Series (forthcoming).
148. "Debt Accumulation, Debt Servicing and Growth", Pakistan Institute of Development Economics, 2001.

(c) **COLLECTIVE RESEARCH**

1. State of Pakistan's Economy, 1970-71 to 1978-79, Pakistan Institute of Development Economics, 1980.
2. Pakistan Economic Survey, 1984-85, 1985-86 & 1986-87.
3. Pakistan Basic Facts 1983-84, 1984-85, 1985-86 & 1986-87.
4. Pakistan Budgets 1984-85, 1985-86 & 1986-87.