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Member of International Editorial Board, Islamic Economic Review, Leicester, UK

QUALIFICATIONS AND SPECIALIZATIONS

Ph.D. University of Wales, Aberystwyth. 1993.

Thesis: "Layers of Techniques, Cost Variability, Obsolescence and Marginal Input-Output Coefficients: A Case of US Chemical Industry (supervised by P N Mathur and David Law)

MSc (Economics), Quaid-i-Azam University, Islamabad, Pakistan, 1979

Thesis: Determinants of Foreign Exchange Earnings in Pakistan (supervised by Professor Eatnaz Ahmad).

RESEARCH AREAS

Application of Econometrics for the construction of Input-Output Coefficients of the Chemical Industrial Sector of USA economy: Theory and application of Quantitative methods in the areas of industrial economics and firm behavior concerning economic forecasting. A statistical technique was also developed for the measurement of different segments of cross sectional data. A forecasting model was developed and on the basis of this model a sectoral Philips curve was constructed for the different sectors of the US economy. Also conducted a number of surveys and collected the primary data related to the socio-economic issues.

Regional and International Economics: epistemological foundations of regional and international cooperation, international economics, exchange rate philosophy and economics, analytical treatment of the world trade systems.

Islamic Economics: Develop the related theory and application of Islamic Economics in the different dimensions of the said subject. Especially during the time which I spent at Markfield Institute of Higher Education, UK and El. Camino Community College, Los Angeles, USA.

Application of the above mentioned areas in theoretical and applied problems:

quantitative economic modeling, marginal input-output coefficients, comparative development studies, international economics, social/public policy, welfare economics and ethico-moral cum economic coalition, labor economics, human resource development, epistemological problems of economics, transfer of technology and productivity

MY ORIGINAL CONTRIBUTIONS

I am one of the original contributors to the field of economics since 1983. I am working in the field of quantitative methods and Input-Output analysis, firm behavior, management and ethico-moral cum economic coalition of the different sets of an economy, poverty, socio-economic issues, human resource management and many others. I have developed analytically, the methodology, analysis and applications of the marginal input-output coefficients involving economy, industry, globalization and the socio-scientific domain. Thus I have developed the use of these input-output coefficients for the measurement of sectoral macro variables like Phillips Curve. Also I did a significant work in the different dimensions of Islamic Economics.

Furthermore, I consider my original and pioneering contributions to be in the area of segmentation of the cross sectional data. I developed a quantitative methodology that how could we make the segments of the cross sectional data and then applied it on the measurement of segmented poverty coefficients for Pakistan and for the marginal coefficients of US Chemical Industry.

Experience

My professional career was started as a Research Associate in the Gallup Pole of Pakistan. Then I served as a Lecturer, Assistant Professor, Associate Professor and Professor in the different universities of Pakistan (University of Baluchistan, International Islamic University, BZ University), as a Research associate at University of Wales, Aberystwyth, UK, as a Professor at Markfield Institute of Higher Education, UK (Associated with Loughborough University, UK), as a Professor at University Sultan Sharif Ali, Brunei and as a Professor and Scholar in Residence at El Camino Community College, Los Angeles, USA.

1. Professor, Taibah University, Saudia Arabia, November 2008 – to date
2. Professor of Islamic Economics, UNISSA, Brunei, August-September 2009.
3. Professor, Bahauddin Zakariya University, Multan, Pakistan, (March 2002 – Nov 2008)
4. Visiting Professor of Economics, Markfield Institute of Higher Education, (in association with Loughborough University), United Kingdom (from Oct 2007 to Dec 2007)
5. Scholar in Residence, El Camino Community College, Torrance, California, USA

(from August 2006 to Dec. 2006)

6. Visiting Professor of Economics, Markfield Institute of Higher Education, (in association with Loughborough University), United Kingdom (from April 2005 to August 2006)

7. Associate Professor, , Bahauddin Zakariya University, Multan, Pakistan, (Sept. 1996 – March 2002).

8. Assistant Professor, Bahauddin Zakariya University, Multan, Pakistan, (Dec 1989 – Sept. 1996).

9. Research associate, University of Wales, Aberystwyth, United Kingdom, (Jan. 1990 – Jun 1993).

10. Lecturer, Bahauddin Zakariya University, Multan, Pakistan, (Sept. 1983 – Jan. 1990).

11. Lecturer/Research Associate, International Islamic University, Islamabad, Pakistan, (June 1983 – Aug. 1983).

12. Lecturer, University of Baluchistan, Quetta, Pakistan, (April 1981 – June 1983).

13. Research Associate, Pakistan Institute of Public Opinion (Gallup Pakistan), Islamabad, Pakistan, (Nov. 1979 – April 1981).

Publications and Papers:**Published papers in refereed journals****A. Islamic Economics****Published Books:**

1. **Some Basic Principles of Islamic Economics**, Beacon House Publishing Company, Pakistan (Urdu)

Published papers in refereed journals

2. "Anthology of Islamic Economics", *Review of Islamic Economics*, 13(2), 2009.
3. "Price Behavior, Vintage Capital and Islamic Economy" *International Journal of Islamic and Middle Eastern Finance and Management*, 1(1), 2008(published by Emerald UK).
4. "The Theory of Firm, Management and Stakeholders: An Islamic Perspective" *Islamic Economic Studies*, IRTI, Islamic Development Bank, Jeddah, 15(1), 2007.
5. "Does Ethico-Moral Coalition Complement to Economic Coalition? A Response in the Periphery of Islamic Economics" *Humanomics*, 23(3), 2007(published by Emerald UK)..
6. "The Concept and Nature of Labor in Islam: A Survey", *Review of Islamic Economics*, 9(2), 2005
7. "Attitude of Small Traders and Farmers Towards Islamic Financing" (with Mohammad Aslam and Shahnawaz Malik), *Pakistan Development Review*, 39(4), 2000.
8. "Role of Zakat Funds in an Islamic Economy: An Empirical Evidence" (with Umar Burki), XX(2), *Hamdard Islamicus*, p.83-87, 1997.
9. "Behavior of a Muslim Planner(Administrative) in an Islamic State"(with Ayaz Muhammad & Mohammad Aslam), *Journal of Rural Development and Administration*, XXV(3), p.72-81, 1993.
10. Unemployment and its Solution in Islam, *Journal of Rural Development and Administration*, XXI(1), p.65-77, 1989.
11. "Supply of Labor in Islam" (with Shakeel Ahmad), *Journal of Research (Humanities)*, II(2), p.45-56, 1985.

Chapter of Books

12. "New International Economic Order and Its Effects on the Development of Muslim Countries", in *Poverty in Muslim Countries and the New International Economic Order*, Iqbal M and H Ahmad (ed.), Pelgrave (McMillan), UK. 2005.
13. "Work in Islam", *Encyclopedia of Islamic Economics*, Vol.3, International Association of Islamic Economics and Islamic Foundation, Leicester, UK, 2011 (Forthcoming).

14. "System of Industrial Relations", *Encyclopedia of Islamic Economics*, Vol.3, International Association of Islamic Economics and Islamic Foundation, Leicester, UK, 2011(Forthcoming).
15. "Wages in an Islamic Economy", *Encyclopedia of Islamic Economics*, Vol. 3, International Association of Islamic Economics and Islamic Foundation, Leicester, UK, 2011(Forthcoming).
16. "Labour Market in Setting of Islam", *Encyclopedia of Islamic Economics*, Vol. 3, International Association of Islamic Economics and Islamic Foundation, Leicester, UK, 2011 (Forthcoming).

Book Review

17. Iqbal, M (2005) *Islamic Perspective on Sustainable Development*, (Pelgarve Publications), *Islamic Economic Review* 9(2).

B. Socio and Economic Issues

18. "Malnutrition in Primary School-age Children: A Case of Urban and Slum Areas of Bahawalpur, Pakistan" *International Journal of Social Economics*, 38(9), 2011 (Forthcoming published by Emerald UK).
19. "Rising Food Prices, Poverty and its Challenges: The Case Study of Pakistan", *Humanomics*, 28(1), 2012(Forthcoming, published by Emerald UK).
20. "Labor Force Participation of Married Women in Punjab (Pakistan)", *International Journal of Social Economics*, 37(7), 2010 (published by Emerald UK).
21. "Who Are the Children Going to School in Urban Punjab (Pakistan)?" *International Journal of Social Economics*, 37(6), 2010 (published by Emerald UK).
22. "Framing the Socio-Economic Attitude" *South Asian Studies*, 28, 2007, pp.1-18.
23. "Intergenerational Transmission of Poverty: A case study of District Sawhiwal", *Journal of Research Humanities*, 19(1), 2002.
24. "Poverty, Female Labor Force Participation and Cottage Industry: A case study of cloth embroidery in rural Multan", *Pakistan Development Review*, 40(4), 2001.
25. "Impact of Village Specific, Household Specific and Technological Variables on Poverty in Punjab: A Village Study" (with Shahnawaz Malik), *Pakistan Development Review*, 39(4), 2000
26. "NGO's Micro-Finance and Poverty Alleviation: Experience of the Rural Poor in Pakistan" (with Khalid Mustafa and Zulfiqar Ahmad Gill), *Pakistan Development Review*, 39(4), 2000.
27. "Performance Profile of District Council of Multan in the Sector of Education" (with Muhammad Ayaz & Mohammad Aslam), *Journal of Rural Development and Administration*, XXIII, 1991.

C. Economic Development, Technological Change Transfer of Technology

28. "The Role of Technology Spillovers in Convergence" *Humanomics: A journal of Systems and Ethics*, 26(1), 2010, pp.53-64 (published by Emerald UK). (**Won Emerald Literati Network 2011 Awards for Excellence**)
29. "Management of Energy Resources, Marginal Input-Output Coefficients and Layers of Techniques: A case Study of US Chemical Industry" *Pakistan Development Review*, 46(4), 2008.
30. "Knowledge-Induced Technological Change: A Study Involving the Automobile Innovation in Malaysia with Layers of Techniques" *International Journal of Social Economics*, 33(11) 2006 (published by Emerald UK).
31. "Optimal Human Capital Policy Under the Existence of Cross-Country Spillovers" *Indian Journal of Labor Economics*, 49(3), July-Sept. 2006
32. "Sectoral Volatility, Development and Governance: A case study of Pakistan" *Pakistan Development Review*, 46(4), 2006
33. "Transfer of Technology: Competition or Cooperation", *Pakistan Development Review*, 41(4), 2002.
34. "Growth, Irreversible Investment and Employment: A case study of Multan Industrial Estate"(with Mustafa and Umer), *Journal of Research (Humanities)*, 19(1), 2002
35. "Mechanical Performance of indigenous machinery in Multan Division, Pakistan" (with Tanveer et. al.) *Agricultural Mechanization in Asia, Africa and Latin America*, 32(4), 2001.
36. "Investment, Hysteresis and Layers of Techniques: A case study of agricultural manufacturing machinery in Multan Division" (with Akbar Noor), *Pakistan Development Review*, 38(4), p.1117-1134, 1999.
37. "Economics of P N Mathur", *Economic and Political Weekly*, XXXIII(19), p.2512-2517, Sept.26, 1998.
38. "Keynesian or Classical: A Mathurian Mixed Solution", *Pakistan Economic and Political Review*, 1(2), p.1-14, 1996.
39. "Transfer of Technology: A Mathurian Approach", *Journal of Rural Development & Administration*, XXVII(3), p.88-96, 1995.
40. "A Theoretical and Empirical Development of Professor's Mathur's Vintage Capital Approach" (Part B, with David Law), *Economic Affairs*, 40(1), p.54-61, 1995.
41. "Regional Keynesianism: Special Reference to Pakistan and Central Asia" (with Muhammad Ayaz), *South Asian Studies*, 11(2), p.89-102, 1994.
42. "A Theoretical and Empirical Development of Professor's Mathur's Vintage Capital Approach "(Part A, with David Law) , *Economic Affairs*, 39(4), p.227-235, 1994.
43. "The Causes of Non-Abandonment: Hysteresis or Layers of Techniques" (with David Law), *Pakistan Economic and Social Review*, XXXI(1), p.25-37, 1993.
44. "Credit Market in Pakistan: Special Reference to Agricultural Sector", *Journal of Rural Development & Administration*, XXV, 1993.

45. "Role and Dimensions of Higher Education in Economic Development" (with Shakeel Ahmad), *Higher Education Review*, V(1), p.19-34, 1988.
46. "Fiscal Politics: The Case of Quetta Municipality" (with Muhammad Ayaz), *The Journal of Political Science*, X(1&2), p.1-29, 1988.
47. "Determinants of Agricultural Productivity in Pakistan", *Journal of Rural Development & Administration*, XX(2), p.45-68, 1988.
48. "Determinants of Changes in Wage Share in Manufacturing Sector of the Punjab" (with Mohammad Aslam), *Economic Journal*, XIX, p.36-56, 1986.

Chapter of Books

49. "P N Mathur and The Theory of Layers of Technique, in *The Indian Economy: Contemporary issues*, Nicholas Pardikis(ed.), **Ashgate Publishing Limited, Hampshire, Ltd, England**, 2000.
50. "An analysis of Layers of Techniques and Hysteresis of Pak-Japan Economic Relations", in *Growth, Trade and Development*, Aslam M (ed.), Ferozsons, Lahore, Pakistan, 2004.

D. International and Financial Economics

51. "Did they do it differently? Capital Structure Choices of Public and Private Sectors in Pakistan" *Pakistan Development Review*, 46(4), 2006
52. "Impact of Exchange Rate Volatility on Growth and Economic Performance of Pakistan" *Pakistan Development Review*, 45(4), 2005.
53. "Eradication of Illegal Trade: A Quest", (with Muhammad Ayaz), *Journal of Research (Humanities)*, II(2), p.81-91, 1994.
54. "Pak-Nepal Economic Relations: Obstacles and Prospects" (with Muhammad Ayaz), *South Asian Studies*, 7(1), p.1-21, 1990.
55. "Determinants of the Balance of Payments in Pakistan" (with Shakil Ahmad & Mohammad Aslam), *Economic Journal (GC University, Lahore)*, XVIII, p.81-96, 1985.
56. "Effects of Foreign Capital Inflow on Domestic Savings" (with Shakil Ahmad), *Economic Journal(GC University, Lahore)* , XVII (1&2), p.15-29, 1984.
57. "Determinants of Foreign Exchange Earnings in Pakistan", *Economic Journal (GC University, Lahore)*, XIV (1&2), p. 37-59, 1981.
58. "Impoverished Targets of Export Growth: A Note on SAARC Member Countries" (with David Law), *South Asian Studies*, (forthcoming).

Invited Comments

59. "Demand for Real Money Balances by the Business Sector: An Econometric Investigation" (Comments), *Pakistan Development Review*, 39(4), 2000.
60. "Monetary Expansion and Stock Returns in Pakistan "(Comments), *Pakistan Development Review*, 38(4), p.776, 1999.
61. [Unemployment-inflation Trade Offs in OECD Countries: Lessons from Panel Data and Theories of Unemployment'](#). 9th Australasian Macroeconomics Workshop, Centre for Applied Macroeconomic Analysis, Australian National University and the Australian Commonwealth Treasury, Canberra, Australia, 15th-16th April, 2004. (see cama.anu.edu.au/conferenceprogram.htm)

Conference Papers

62. "Appraisal of the Status of Research of Labor Economics in the Islamic Framework" presented in the 7th International Conference on Islamic Economics and Finance held King Abdul Aziz University, **Jeddah, Saudi Arabia**, 2008.
63. "Risk Management in Takaful: Prospects and Challenges" presented in the second conference on Insurance, organized by Markazi Beemah, **Tehran, Iran**, 2007.
64. "*Problem and prospects of promoting Partial Programs of Teaching of Islamic Economics*" presented in the 6th International Conference on Islamic Economics and Finance at **Jakarta, Indonesia**, 2005.
65. "*International Economic framework and Its Deleterious Effects on the Development of Muslim Countries: Towards a New Approach*", presented in the 5th Conference on Finance and Development (organizing by Islamic Development Bank) in **Bahrain**, 23-24 April, 2003.
66. "*Implications of layers of Techniques in an Islamic Economy like Iran*", presented in the Eleventh Conference on Monetary and Foreign Exchange Policies held in **Tehran, Iran**, May 2001.
67. "*Moving Equilibrium Model for an Islamic Economy and Its Implications on Islamic Common Market*", presented in the International Conference on Transitional Economy held in University of **Utara, Sintok, Malaysia** Oct. 2001.
68. "*The Concept and Nature of Labor in Islam*", paper presented in the International Conference on Theoretical Foundations of Islamic Economics, organized by Islamic Development Bank and International Institute of Islamic Thought held at **Islamabad, Pakistan**, 25-26 March, 2000.
69. "*Attitude of Zakat Recipients Towards Employment*" (with A. B. Basit), proceedings of Second International Conference on Islamic Economics and Statistics, Islamia University, **Bahawalpur, Pakistan**, October, 1995.
70. "*Impact of Education on the Socio-Economic Attitude of the Rural Inhabitants*", paper presented in 19th Annual General meeting of Pakistan Society of Development Economics, 2004, **Islamabad, Pakistan**.
71. "Economics of Regaining Office: The Case of Pakistan (1947-2005)", paper presented in 22nd Annual General meeting of Pakistan Society of Development Economics, 2007, **Islamabad, Pakistan**.
72. "*Vintage Capital and Survival Potential: Measurement through Marginal Input-Output Coefficients*" presented in 15th International conference on Input-output techniques, 2005 in **Beijing, China**, 2005.
73. "*An Analysis of Fertilizer Subsidy in the Domestic and Internal Economic Framework*", paper presented in the Workshop of Quantitative Methods for Domestic Market Reform in South Asia, organized by Asian Development Bank and IFPRI, **Islamabad, Pakistan**, Sept. 2004.
74. "*Micro foundations of Macro Economics: An Empirical Evidence of Sectoral Phillips Curve*", paper presented in the 9th Australasian Macro Economic Workshop, organized by Center for Macroeconomic Analysis, Australian National University, **Canberra, Australia** 15th-16th April, 2004.
75. "*Role of Subsidies and Control in the Islamic Republic of Iran*", paper presented in the Ist International Conference on Iranology, **Tehran, Iran**, 20-

22 June 2002.

76. “*Layers of Techniques, Marginal Input-Output Coefficients and Phillips Curve: A case study of US Chemical Industry*”, presented in the 14th International Conference on Input-Output Techniques in **Montreal, Canada**, 10-15 Oct 2002.
77. “*An analysis of Layers of Techniques and Hysteresis of Pak-Japan Economic Relations*”, paper presented in the International conference on Growth, Trade and Development organized by ‘JICA’ held at **Islamabad (Pakistan)**, 24-25 October, 2000.
78. “*Segments of the Directly Ordered Data: A Cross Section Analysis*”, paper presented in the Second Iranian Statistics Conference held at Ferdowsi University of **Mashad, Iran**, 1994.

Paper Submitted

79. Malnutrition in Primary School-age Children: A Case of Urban and Slum Areas of Bahawalpur (Pakistan)
80. Is Beta Less Volatile in the Islamic Capital Market? A Comparative Analysis
81. Estimating the Determinants of Profitability in Islamic Banking:
An Empirical Evidence from Meezan Islamic Bank, Pakistan

STUDENT SUPERVISION

Ph.D

at Bahauddin Zakariya University, Multan, Pakistan

1. Role of Banks in the Disbursement of Zakat in Pakistan: Special Reference to the Current System, 2004
2. Cost Efficiency of Cellular Mobile Firms in Pakistan, 2006

M.Phil

at Bahauddin Zakariya University, Multan, Pakistan

1. Capacity Utilization and Cost of Production: A study of public enterprises in Pakistan, 1997.
2. Formal and Informal Sector of Employment in Urban Areas: A case study of Multan, 2000.
3. Factors Affecting Demand for Supply of Multinational Banking in Pakistan, 2000.
4. Determinants of Married Women Entry in Formal Service Sector of Multan Division, 2000.
5. Transfer of Technology, Human Capital and Economic Impact: An Analysis of Some Selected Developing Countries, 2004.
6. Exchange Rate, Uncertainty and Economic Performance: A Case study of Pakistan, 2005.
7. Microfinance and Poverty: A Case study of Punjab Rural Support Program (PRSP), 2005

8. Economic Cooperation and SAARC Member Countries, 2005
9. Estimation the Consumption Function of the Muslim Economies: An application of panel data, 2005

M.Sc

at Markfield Institute of Higher Education, Loughborough University, UK.

1. Development and Volatility: A Case study of Pakistan, 2006
2. Poverty in Sub-Saharan Africa (SSA): An Analysis, 2006
3. Diffusion of IT in Saudi Environment, and its effect on Women : The case of Trust and E-government Exploratory Study, 2006

Referees

1. Dr. Syed Naseem Shirazi, Professor of Economics, Islamic Development Bank, Jeddah, Saudi Arabia.
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2. Dr M Fahim Khan, Former Chief of Research, IRTI, Islamic Development Bank Jeddah, KSA.
E-Mail: mfahimkahn@hotmail.com
3. Dr Munawar Iqbal, Former Chief of Islamic Banking and Finance, IRTI, Islamic Development Bank, Jeddah, KSA.
munwariqbal@hotmail.com