

Curriculum Vitae

Personal Profile:

Name: S. Roshan Ali Shah
Date of Birth: April 1st, 1963
Nationality: Pakistani
Religion: Islam
Profession: Economist
Interest: Agriculture, Education & Health, Gender and Rural Development
Name of institute: Applied Economics Research Centre (AERC), University of Karachi
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Employment Record: Staff Economist / Lecturer, AERC, (1997 to-date)
Research Assistant, AERC, (1989 to 1997)
Project Assistant (contract), AERC, (1988 to 1989)
Years with institute: 26 years

Educational Qualifications:

M.A.S	(Economics)	Grade B	1991-1992	University of Karachi	Pakistan
M.Sc	(Economics)	Grade B	1987-1988	Quaid-i-Azam University	Pakistan
B-Com	-	1 st Div.	1983-1984	University of Sindh	Pakistan

Areas of interest: Agriculture, Industries, Education & Health, Poverty, Gender and Research Methodologies.

My Carrer Journey:

My aim is to become an innovative economist and policymaker in order to add my expertise in improving wellbeing of the nation. Soon after completing my masters in economics from Quaid-e-Azam University in 1987, my aim took me to Applied Economics Research Centre (AERC), University of Karachi, one of the few prestigious public sector research institutions in the country. I joined AERC that undertakes research on issues in applied economics as its work is disseminated to policy makers and interested audience through its own publications. Since then, I am serving in this institute with my deep interest in its development because I want to see its name in the top listed international research institutes.

My Work Experience:

- I have 26 years job experience of research and teaching at Applied Economics Research Centre (AERC), University of Karachi. My job involves research in Pakistan's agricultural, industrial, financial and social sectors. Beside the research activities, I also teach 'Research Methodology' 'Microeconomics' and 'Econometrics' courses to M-Phil / Ph.D students at the same institute.
- I have been an informal guide to eight Ph.D students from different disciplines of social sciences in methodological and analytical part of their dissertation. Seven of them have been awarded with Ph.D.
- As honorary consultant, I also have given my research and teaching related input to other institutes, organizations and firms. These include National Institute of Management, Department of Social Works, UoK, Ashir Associates (Pvt.), Access Consulting (Pvt.), Grant Thornton (Pvt.),
- I have worked on 35 contract research projects during my career with purpose to facilitate research on behalf of international and national agencies, Government of Pakistan and Government of Sindh.
- Having statistical, econometrical and analytical proficiency I have practical experience in research and data analysis and possess strong communication skills especially at field level I can demonstrated expertise in decision making and policy formulation at institutional level. I also possess excellent IT skills related to processing and management of the primary and secondary data.
- My responsibilities during my career remained as;
 - searching and reviewing literature,
 - preparing research proposals,
 - designing questionnaires and data collection methods,
 - selecting enumerators, and coordinating / supervising field work,
 - conducting field and focus group surveys,
 - coding/editing, entering, analyzing, tabulating, and managing data manually and on computers using statistical software packages through computer programming, and
 - writing research reports.
- Being Member of Graduate Studies Committee for 20 years, I actively participate in the academic decision making and in formulating educational policy related to the Graduate Studies Program running at AERC.
- I have held an additional charge of Member Finance at AERC for more than 4 years in the past and once again holding the same charge at present. I am also holding the charge of In-charge Graduate Studies Evening Program at AERC since 2012.
- I have actively participated in many administrative tasks related to infrastructure development and arranging seminars and conference at the same institute.
- I have experience of traveling throughout the country, and almost every part of the Sindh and Baluchistan provinces during the field work research.
- Having a rural background, I am very well aware of the cultural traits of rural society of the province of Sindh and have ability of lazing with the people belonging to different communities and groups therein.

Projects / Consultancies (1988 to Onward):

Name of organization	Duration		Position / Role and Title of assignment
	From	To	
USAID / AURAT FOUNDATION	2011	2012	Data Analyst, Baseline Study for USAID Gender Equity Program on behalf of Aurat Foundation and Asia Foundation.
BCELT		2011	Analyst, British Council English Language Testing Needs. The Study by surveying different institutions and business organizations across different Asian countries analyses the potential and forms of the BCELT's services required for conducting tests of the candidates.
RUS, Sindh Government		2011	Project Coordinator / Analyst, Third Party Validation of Girls Stipend
World Bank, Washington DC		2011	Project Coordinator / Analyst, Monitoring & Impact Evaluation Study Promoting Private Schools in Rural Sindh, Sindh Education Foundation Project Funded by World Bank.
AKUH, Pakistan		2010	Analyst, AKUH Study on its Declining Market Share of its services in Pakistan in the perceptions of its lab users and their physicians.
IBA, Karachi		2009	Analyst, Employees Satisfaction Survey of Admin. & Teaching Staff.
Balochistan Education Foundation	2008	2008	Co-project Leader, Survey of Community and Non-community schools in Baluchistan.
A baseline survey conducted in five districts of Baluchistan province covered 50 Community based and 50 Government schools with transport subsidy provided to the students enrolled from the remote areas. The study aimed to project the working and performances of both types of the schools in the future in increasing the enrollment level at elementary level.			
USAID	2008	2009	Co-project Leader, Star Campaign for Targeted Health Information Component 2 of TACMIL Health Project
Abt Associates in partnership with AASA Consulting implemented a two-year health systems strengthening project titled TACMIL in 20 districts of Pakistan. Of the four components, Component 2 was Targeted Health Information, under which AASA Consulting provided the expertise to carry out a 'Star Campaign' study. The purpose of this Campaign is to share comparative health data among districts in order to raise a healthy competition towards improvements. The competition was conceived as a process which encouraged district teams to put extra efforts to their routine program activities in order to improve their health services, and hence the health indicators.			
Unicef		2008	Co-project Leader, Water Environment & Sanitation Baseline Survey in Sindh

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Our services were rendered for Third Party Validation assignment for UNICEF Water Environment and Sanitation. The scope included collection of baseline data on water and sanitation facilities in girls' schools in five districts of Sindh. It comprised a sample size of 600 girls' schools in the districts of Sanghar, MirpurKhas, Umerkot, Thatta and Khairpur. The qualitative aspect of this assignment included in-depth interviews with the government of Sindh.			
UNICEF		2008	Data Analyst, Analysis of Data on Violation of Child and Women Rights
Our services were hired to complete a project aimed at assessing and analyzing the data of the last five years available with Madadgar, an organization working for child and women rights, on key child protection rights on various categories of violence, abuse, exploitation, discrimination and neglect. Data analysis was done and presented in such a way that would be helpful for policy making purposes in Pakistan			
RSU, Sindh Government		2008	Co-project Leader , Effectiveness of School Management Committees in Primary Schools of Sindh
This study aimed at assessing the role of Institutions (Education Department/ Local Government/ Anti corruption and Different stake holders) in the functioning of SMC. It also assessed the main hindrances faced by SMC in its smooth functioning due to any negative role played by Institutions. It covered 50 schools with and without effective SMC.			
RSU, Sindh Government		2007	Co-project Leader, Impact Assessment of School Management Committees (smc's) of Primary School in Sindh (All districts of sindh)
A large survey based study, covering 400 primary schools and 4,400 adjoining households and Focused Group Discussions (FGD's) (covering all 17 districts of Sindh) had focused on assessing the level of effectiveness of School Management Committees (SMC's). With different survey instruments, the study generated primary level information which was used to prepare 52 indicators grouped in 13 indices. The study highlights variations in the performance of SMC's across different groups and classifications including, location, gender, physical facilities, learning environment, governance, etc			
Asian Development Bank & The World Bank		2007	Co-project Leader, Survey of Education Facilities in Balochistan. [Balochistan Economic Report TA-757-PAK].
Assessment of the Basic Education Facilities in the 5 districts of Balochistan, with the help of a detailed survey of schools.			
Pakistan Voluntary Health & Nutrition Association		2007	Co-project Leader /Data Analyst, Mid-Term Assessment of the "Pakistan Initiative for Mothers and Newborns
Our firm was appointed to conduct a Mid-term assessment of PAVHNA's interventions to gauge the effectiveness of the project with respect to community mobilization, and awareness-raising. The assignment entailed an extensive household survey in the vicinity of rural health facilities and in-depth interviews and focus group discussions. PAIMAN intends to reduce maternal, newborn, and child mortality in Pakistan, through viable and demonstrable initiatives and capacity building of existing programs and structures within health systems and communities to ensure improvements and supportive linkages in the continuum of health care for women from the home to the hospital PAVHNA's scope of work involved community mobilization in two districts of Sindh i.e. Dadu and Sukkur			

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Planning and Development Division, Government of Sindh / UNICEF	2002	2003	Co-project Leader /Survey Coordinato, Multiple Indicator Cluster Survey
The Multiple Indicator Cluster Survey (MICS) is a household survey programme developed by UNICEF to assist countries in filling data gaps for monitoring the situation of children and women. It is capable of producing statistically sound, internationally comparable estimates of these indicators. It produces statistically sound, internationally comparable estimates of key indicators.			
University Grants Commission Pakistan	2002	2003	Co-project Leader, Subordination and Empowerment of Women in Pakistan
Study by thoroughly investing the various issues related to the empowerment/subordination of women in Pakistan is to prepare a series of papers addressing the issues concerned. A detailed survey of 450 households and about 2-3 female individuals from each selected household in all four provinces (rural/urban) were conducted to collect information on household assets and their ownership, resource allocation, time allocation on indoor and outdoor activities, mobility / autonomy and decision making, and etc... across gender and work-status of women.			
Centre for Research on Poverty Reduction and Income Generation, Islamabad	2002	2003	Sub-Project leader / Data Analyst , Tracking Public Expenditure on Primary Education and Basic Health for Poverty Reduction
The study aimed to improve the impact of public expenditure on primary education and basic health. Tracking public expenditure especially on poverty reduction and to see if resources are being allocated according to plan. Household, school and health facility level detailed survey provides baseline data and information on delays and leakages in transferring of resources and its impact on quality and efficiency of service delivery at facility level. Suggests mechanisms for allocating resources in order to achieve specific poverty reduction outcomes using direct and indirect methods.			
Japan International Cooperation Agency (JICA)		2006	Co-project Leader /Data Analyst, Pakistan - Manufacturing Establishments Survey "Towards Vision 2030: Direction of Industrial Development in Pakistan
This study was initiated by the Pakistani government's strong intention to accelerate industrial development of the country in the coming decades, which was expressed in "A Vision 2030". The study examined the international competitiveness of 500 selected manufacturing industries, and identified the leading manufacturing sectors that should drive the rapid economic growth.			
World Bank	2005	2006	Co-project Leader, Enhancing Access and Rural Electrification – Cost, Benefits and Willingness to Pay
The objective of the study is to quantify the financial, economic benefits and costs for providing access to a rural or peri-urban community, willingness of potential consumers to pay, and their expected consumption. Covering the household size of 500, and carrying out 26 Focus Group Sessions			
UNFPA		2005	Co-project Leader, Benchmark Survey for Issues related to Reproductive Health Initiatives for Youth in Asia
Aiming to improve the reproductive health status of young people between 15-24 years of age in- and out-of-school from both urban and rural areas with a special attention to gender equity in the reproductive health education and services activities. The scope of the benchmark survey was to collect and provide relevant and reliable current indicators on youth reproductive health through			

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qualitative and quantitative primary research at the time of the start of activities of the RHIYA project to ensure a proper monitoring and tracking of the results of the project.			
Lakson Tobacco Company	2000	2005	Data Analyst, Consumer Profile Study
This study targeted 181 urban and rural towns and villages on a nationwide basis of 5 clusters and 1730 locations. The sample size for this study is 6850 male respondents that are to be interviewed in-depth after screening 51,900 people. The specific objectives of this research is to determine the overall brand share of the cigarette market, determine the latest trends in smoking in different price ranges, to gather data on consumer smoking habits and practices, and to develop a demographic profile of specific brand consumers.			
Planning and Development Division, Government of Sindh project in collaboration with Osmani & Co. Pvt.		2005	Co-Project Leader , Hyderabad Development Action Plan
The tasks assigned were to analyze the current situation, demographic modeling and population projection for 2005-2050 period, demand and supply analysis within 5 year interval across different residential, commercial, and industrial sectors considering economic social and environmental sub-sectors to develop an action plan for Hyderabad district.			
Aga Khan University, Karachi,	2003	2003	Co-project Leader /Survey Coordinator, Study on Expenditure Pattern and sssessment of Need of Faculty at Aga Khan University
Pakistan Centre for Philanthropy and Aga Khan Foundation, Islamabad,	2003	2003	Co-project Leader /Survey Coordinator, Study on Nature and Scope of Corporate Philanthropy in Pakistan
Excise & Taxation Department Government of Sindh		1999	Survey Coordinator, Survey of Properties at Karachi City
Aims at undertaking the reassessment of residential, commercial and industrial properties located in the 'B' division of Karachi.			
State Bank of Pakistan, funded by the World Bank.	1995	1995	Survey Coordinator / Data Analyst, Rural Financial Market Studies (RFMS) Phase-I (in Pakistan and AJK)
The study carried out by AERC at national level for State Bank of Pakistan and was funded by the World Bank. It addressed number of issues related to rural financial markets and designed different modules for data collection to be administered in Phase-II across seven different formal and informal lending concerns.			
State Bank of Pakistan, funded by the World Bank.	1997	1999	Survey Coordinator / Data Analyst, Rural Financial Market Studies (RFMS) Phase-II (in Pakistan and AJK)
The study carried out by a consortium of three leading economic research organizations in the country with AERC as the lead organization. The study carried out at the national level for State Bank of Pakistan was funded by the World Bank. It covered a larger number of issues related to both supply and demand sides of rural finances.			
Sindh Government	1995	1996	Project Assistant, The Resource Mobilization of government of Sindh

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The objectives of the study are to assist the Government of Sindh in analyzing its resource base and suggest ways and means of reducing the budget deficit through the mobilization of resources and improving efficiency of tax collection and administration. Assist government of Sindh in undertaking studies for preparing its position papers for National Finance Commission scheduled to meet in 1996.			
Resource Mobilization and Tax Reforms Commission, Government of Pakistan		1993	Project Assistant, The Study on the Quantification of Tax Expenditure in Income Tax
The study quantifies revenue losses to the national exchequer due to the tax holidays on income in backward areas, capital gains on financial assets, dividend income in the form of bonus share, perquisites of salaried tax payers, interest income, income on public sector corporation, agriculture wealth and income, and export income.			
The Collaborative Research and Training Program between Central Board of Revenue and Applied Economics Research Centre (Phase II)	1992-1993		Project Assistant, Central Board of Revenue, Government of Pakistan funded project
State Bank of Pakistan, funded by the World Bank.		1994	Project Coordinator, The Rural Financial Markets Study (Phase-I)
The study carried out by AERCat the national level for State Bank of Pakistan was funded by the World Bank. It designed different survey modules seven different sub-studies containing a larger number of issues related to both supply and demand sides of rural finances. Each detailed module was properly pre-tested in large number of districts of Pakistan and AJK. These modules were used later in Phase II in the main survey of the study.			
Ministry of Food, Agriculture and Cooperatives, Government of Pakistan	1988	1989	Field Supervisor , Farm Productivity by Size and Tenure and Estimation of Domestic Resource Cost
The study consists of two distinct but related exercises. The first sub-study consists of examining the relations between farm size and productivity and analyzing the factors underlying this relationship. The second sub-study consists of domestic resource costs for major crops.			
Pakistan Council of Research in Water Resources, Ministry of Science and Technology, Government of Pakistan	1988	1989	Field Supervisor ,Incentives and Disincentives to Effectively Organize Farmers in Response to Watercourse Improvement in Sindh
The study evaluates performances of water users associations and its future sustainability. It discovers the pattern of association of farmers in the management of irrigation water at watercourse level in relation to the agrarian structure, political influence of landowners, level of investment in agriculture and ethnic heterogeneity.			

Teaching Experience :

1. Course Instructor in Research Methodology in MAS/M.Phil leading to Ph.D Program at Applied Economics Research Centre, University of Karachi. (2007-2013).
2. Course Instructor in Microeconomics in MAS/M.Phil leading to Ph.D Program at Applied Economics Research Centre, University of Karachi. (2013)
3. Course Instructor in Econometrics-I in MAS/M.Phil leading to Ph.D Program at Applied Economics Research Centre, University of Karachi. (2010-2013)
4. Speaker of Workshop on Research Methods and Process, Form Style and Bibliography of writing individual research paper at National Institute of Management (NIM), Karachi.
5. Course Instructor in Introduction to Statistics for M.Sc. final year students. Department of Social Work, University of Karachi (1997)
6. Teaching Assistant in Development Economics for M-Phil/Ph.D students. Applied Economics Research Centre, University of Karachi (97).
7. Teaching Assistant in Microeconomics for M-Phil/Ph.D students. Applied Economics Research Centre, University of Karachi (1995)

Other Teaching/Research Related Experience:

1. Member of Academic Committee at AERC during the years 2010, 2005 and 2000.
2. Being a member of Graduate Studies Committee since 1995, I extensively participate in every kind of decision making related to Graduate Studies Program at the AERC.
3. Participated in the seminars/Lectures at AERC and at University of Karachi.
4. Attended 3 days International level Annual Conference at PIDE, Islamabad in Dec, 2010.
5. Conducted Enumerators training on School Management Committee and Third Party Validity of Girls Stipend, Research Projects for Educational Reforms Support Unit Govt. of Sindh, and also on Gender Equity Research Project for USAID during the year 2011.
6. Attended a 2 days training course on Research Methodology organized by IRP at AERC in 2009.
7. Conducted different types of examinations and interviews as Invigilator or Centre In-charge of the candidates applied for admission at M-Phil/PhD level at Applied Economics Research Centre or the candidates applied for job in different organizations like; AERC, UBL, SBP, etc.

Computer Skills:

1. SPSS (20+ years experience of analyzing complex data sets using SPSS software programming).
2. COBOL Programming Language (3 credit hours course studied at Quaid e Azam University).
3. Management Information Systems (3 credit hours course studied at Quaid e Azam University).
4. TSP Dos based software used for about 5 years.
5. dBASE III+ language software very frequently used for data entry programming to enter large data sets on network computers.
6. FoxPro programming.
7. MS Office.