

Jamshaid ur Rehman, PhD

Assistant Professor in Economics | Researcher | Educator |
Macroeconomic Policy & Sustainable Development

ORCID: <https://orcid.org/0000-0001-7343-5855>

Researcher ID: <https://researcherid.com/rid/KYQ-9595-2024>

Google Scholar:



Contact Information

Office Address: Department of Economics, Government College University Lahore, Pakistan

Home Address: 824-A Block A, Gulshan e Ravi, Lahore, Pakistan

Mobile: +92-300-4243693 | +92-308-5580878 (WhatsApp/Telegram)

Emails: jamshaidrehman@gcu.edu.pk (preferred) | ekonomiks@gmail.com

Summary of Qualifications

PhD in Economics with 17+ years of experience in teaching, research, and academic leadership. Expertise in macroeconomic policy, econometrics, integration, and sustainable development.

Research Profile

PhD in Economics with 17+ years of experience in advanced quantitative econometrics (State Space Analysis, Panel Cointegration, Python, R, STATA) and its application to macroeconomic policy, energy economics, and sustainable development. Proven record of high-impact publications (Q1 journals), successful postgraduate supervision, and curriculum development. Seeking to apply my expertise in quantitative methods and business statistics to teaching and research at a leading Australian institution focused on sustainability.

Education

PhD in Economics

Government College University (GCU), Lahore, Pakistan

Dissertation: Do Macroeconomic Fundamentals and Monetary Credibility Matter? A State Space Analysis of Proposed Asian Monetary Union

Supervisors:

- Dr. Tasneem Zafar (Principal)
- Dr. Patrick M. Crowley (Texas A&M, USA)
- Dr. Zhaoyong Zhang (Edith Cowan University, Australia)

Thesis Access: <http://pr.hec.gov.pk/jspui/handle/123456789/20533> (Gov't Doc # 24591)

MPhil in Economics

Applied Economics Research Centre (AERC), University of Karachi | 2005–2008 |

Master of Economics

University of the Punjab, Lahore | 2001–2003 |

Additional Diplomas & Certifications

- Post-Graduate Diploma in Applied Economics (University of the Punjab)
- Post-Graduate Diploma in Statistics & Computing (University of the Punjab)
- Banking Diploma (Stage I), Institute of Bankers Pakistan
- **Certificates:** TQM, French, Arabic, Smart PLS 4

Professional Development

The Digital Learning & Skills Enrichment Initiative (DLSEI)

- **Coursera Certifications** (under HEC-DLSEI 3.0 Y1-C2 Program Learning):
 - i. AI for Everyone (DeepLearning.AI)
 - ii. Crash Course on Python (Google)
 - iii. Introduction of Python for Researchers (Imperial College London)
 - iv. Data Visualization and Modeling in Python (Duke University)
- **Workshops:** Spatial Econometrics in R (LCWU, 2023), Case-Based Teaching (HEC, 2011), etc.

Academic Appointments (Professional Experience)**Assistant Professor of Economics**

Department of Economics, GC University Lahore | 2019–Present

Teaching:**Courses Developed and Taught:**

- **Introduction to Econometrics and Applied Econometrics** (BS Hons)
- **Advanced Econometrics** (MPhil Economics)
- **Applied Financial Econometrics** (MS Banking and Finance)
- Workshops on “**Econometric Analysis using STATA**” and “**Python for Economic Research**”.

- **Textbooks Expertise:** Deep familiarity with leading econometrics texts, including those using R and Python (e.g., Brooks' *Introductory Econometrics for Finance* and its accompanying R/Python guides).

Key Responsibilities:

- **Research Supervision:** Supervised 53+ theses (MPhil/MS/BS).
- **Leadership:** Member, Board of Studies, Research Committee, Self-Assessment Report & Admission Committee; Coordinator, MS Entrepreneurship and SME Management Program.
- **Curriculum Development:** Contributed to the design and enhancement of the MS program in Entrepreneurship, ensuring quantitative and statistical rigor in the coursework.

Lecturer

Department of Economics, GC University Lahore | 2008–2019 |

Teaching/Research Roles

- Project Economist, AERC, University of Karachi | 2006 |
- Teaching Assistant, Development & Industrial Economics | 2005–2007 |

Theses Supervised

(Condensed to key examples; full list available on request)

- **MPhil (17):** *Monetary Policy Transmission in BRICS* (2022), *Fiscal Decentralization & Resource Rents* (2021).
 - **MS (20):** *Islamic Banking in Pakistan* (2016), *Financial Integration in Asia* (2016).
 - **BS (16):** *Fossil Fuels Utilization, Economic Growth and Urbanization* (2023), *Business Cycle synchronization* (2019)
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Research & Publications

My publication record in high-impact journals is a major strength of my application, demonstrating both the quality and relevance of my research. To ensure this output is easily scannable, I have highlighted key publications with their impact factors. Furthermore, to underscore the advanced quantitative methodologies that underpin my work, I specialize in a suite of econometric techniques including time-series analysis (State Space Modeling, Cointegration, VAR), panel data methods (Dynamic Heterogeneous Panels, Panel Cointegration), and financial econometrics. This technical expertise is directly applied to my research, employing, for instance, state space modeling to assess monetary integration and panel cointegration techniques to analyze the nexus between energy consumption, economic growth, and urbanization. This robust

methodological foundation ensures the empirical rigor and policy relevance of all my research outcomes.

High-Impact Recent Publications:

1. Rehman, J. u., Zafar, T., & Javaid, M. N. (2025). Insights into Asian Integration: What Does Empirical Literature Reveal?. **European Journal of East Asian Studies**, 24(3), 247-284. <https://doi.org/10.1163/15700615-02403006>
2. Rehman, J.U., Javaid, M.N. & Ahmad, N. Prospects for connectivity and integration between Pakistan and ASEAN + 3 + 3 countries through the lens of optimal currency area theory. **Quality & Quantity** Vol. 59, Issue 3 2825–2859 (2025). <https://doi.org/10.1007/s11135-025-02085-y>
3. Aamir, M., ur Rehman, J. (2024) Dynamic nexus among fossil fuels utilization, economic growth, and urbanization: a tri-regional selected countries analysis. **Environmental Science and Pollution Research**, 31, 43381–43395 (2024). <https://doi.org/10.1007/s11356-024-33990-8>, **Impact factor: 5.4 (2022)**.
4. Khurshid, M., Azeem, M., Ahmad, N., Rehman, J. U., & Umar, S. (2024). Diaspora of Energy: A Case of Oil Production and Consumption. **International Journal of Energy Economics and Policy**, 14(4), 195–206. <https://doi.org/10.32479/ijeep.15376>,
5. Yue Han, Mengqi Bao, Yanfang Niu, Jamshaid ur Rehman (2024) Driving Towards Net Zero Emissions: The Role of Natural Resources, Government Debt and Political Stability, **Resources Policy** Volume 88, 2024, 104479, <https://doi.org/10.1016/j.resourpol.2023.104479>. **Impact Factor: 10.4**
6. M. Azeem, Nisar Ahmad, Safyan Majid, Jamshaid Ur Rehman & Bilal Nafees (2023) Corporate governance, financial constraints, and dividend policy: Evidence from Pakistan, **Cogent Economics & Finance**, 11:2, DOI: 10.1080/23322039.2023.2243709, **Impact factor: 1.9 (2022)**
7. Azeem, M., Bilal N., M. Khurshid, Rehman J. U. and Nisar A. (2022) Corporate governance mechanisms and payout policy: a case of Pakistan, **Multicultural Education**, Vol. 08, No. 03. www.MC-caddogap.com ISSN 1068-3844.
8. Habib, Adnan, Rehman u. Jamshaid, Zafar Tasneem and Mehmood Haider (2016) "Does sustainability hypothesis hold in developed countries? A panel co-integration analysis", **Quality and Quantity**, Volume 50, Issue 1, pp 1–25.

Full List: 32 peer-reviewed articles | 4 under review | Google Scholar:
<https://scholar.google.com/citations?user=LjE0V-8AAAAJ&hl=en>

Journal Reviewing Experience

1. Natural Resources Forum (United Nations Sustainable Development Journal)
Impact Factor: 3.5 | Reviews Completed: 2
Focus: Sustainable resource management, SDG-aligned policies.

2. Environmental Health Insights (SAGE Publishing, USA)
Impact Factor: 2.3 | Reviews Completed: 1
Focus: Intersection of environmental economics and public health.
3. Pakistan Economic and Social Review, Department of Economics, University of the Punjab, Lahore.
Reviews Completed: 1
Focus: Macroeconomic modeling, development economics.
4. World Development Sustainability (Elsevier)
Reviews Completed: 1
Focus: Sustainable development in Global South contexts.
5. Energy Sources, Part B: Economics, Planning, and Policy (Taylor & Francis)
Reviews Completed: 1
Focus: Energy economics, policy design.

Key Contributions as a Reviewer

My approach to peer review focuses on ensuring methodological rigor, clarity, and real-world policy relevance. I provide constructive, timely feedback to strengthen manuscripts while supporting authors—particularly early-career researchers—in improving their work. My reviews emphasize robust econometric analysis and interdisciplinary connections between economics, environmental science, and sustainable development. This role allows me to contribute to academic quality while staying engaged with emerging research trends.

Conference Leadership

- **Session Chair**, International Conference on Global Sustainability (LCWU, 2024).
- **Workshop Leader**, *Econometric Analysis using STATA* (University of Education, 2022).

Skills & Technical Expertise

- **Quantitative & Statistical Software:** Python (Pandas, NumPy, Statsmodels), R, STATA, EViews, SPSS, SmartPLS.
 - **Research Methodologies:** Time-Series Econometrics, Panel Data Analysis, State Space Modeling, Cointegration, Financial Econometrics, Data Visualization.
 - **Research Areas:** Energy Economics, Sustainable Development, Monetary Policy, Business Statistics, Statistics, Economic Integration.
 - **Languages:** English (Professional Proficiency), Urdu (Native), French/Arabic (Basic)
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