Curriculum Vitae

Mudassar Rashid, PhD.

Department of Economics (HEC Approved Supervisor)

COMSATS University, Park Road, Tarlai Kalan, Islamabad. Pakistan

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https://www.researchgate.net/profile/Mudassar-Rashid

Professional Experience

- Apr, 2022-present **Associate Professor** at *Department of Economics, COMSATS University, Islamabad.* Pakistan; Leading Public university of Pakistan (Ranked 2nd by Higher Education Commission of Pakistan in General Category): Teaching and Research.
- Apr, 2015-Mar,2022 **Assistant Professor** at *Department of Economics, COMSATS University, Islamabad*. Pakistan; Leading Public university of Pakistan (Ranked 2nd by Higher Education Commission of Pakistan in General Category): Teaching and Research.
- Senior Auditor, Directorate Local Funds Audit, Finance Department, Government of AJ&K. (Sep, 1998 to Jan 2015)

Educational Qualifications

- 2008-14: Ph.D. in Econometrics, International Islamic University, Islamabad, Pakistan. Thesis Title: **Model Specification Methods: Comparison of Autometrics with other Strategies.** (Supervisor: Dr. Asad Zaman Ex. VC PIDE, Islamabad)
- 1996-1999: Master of Science in Mathematics at AJ&K University, Muzaffarabad, Pakistan.

Areas of Interest: Applied Econometrics, Applied Economics, Health Economics,

Climate Change and Data Science

Teaching Experience (Last Three Years)

- Fall 2024: Advanced Applied Econometrics (BS Economics), Econometric Theory & Application (BS Accounting & Finance).
- Spring 2024: Statistics for Economists (BS Economics), Applied Econometrics (BS Economics), Research Methods ((BS Economics)
- Fall 2023: Econometric Modelling & Applications (MS Economics) Health Economics (BS Economics), Applied Econometrics (BS Economics)
- Spring 2023: Applied Econometrics (BS Economics), Econometric Theory & Application (BS Accounting & Finance), Advanced Managerial Economics (MBA)
- Fall 2022: Time Series Methods in Econometrics (MS Economics), Applied Econometrics (BS Economics), Economic for Business (MBA)
- Spring 2022: Econometric Modelling & Applications (MS Economics), Applied Econometrics (BS Economics), Econometric Theory & Application (BS Accounting & Finance).

Courses Taught (Other than Above)

- Basic Econometrics, Business Statistics, Probability and Statistics, Introductory Statistics, Inferential Statistics, Quantitative Techniques
- Linear Algebra, Calculus
- Urban Economics, Mathematical Economics, Managerial economics, Microeconomics,
 Macroeconomics

Fellowships and Academic Honors

- Fellowship (2006-2014) to pursue MS leading to PhD from Higher Education Commission of Pakistan.
- HEC Approved Supervisor
- Appreciation letter on the performance during the semester by Head of Department at CUI.

Professional Affiliations

- Member of The Econometric Society, Yale University, United States.
- Member of Pakistan Society of Development Economists (PSDE), Pakistan

Peer Reviewer

- Editorial Board Member of PLoS ONE: a peer reviewed journal of United States
- Editorial Board member of Kashmir Economic Review: A peer reviewed journal of Department of Economics, Azad Jammu and Kashmir University
- Reviewer of Akademik Hassasiyetler: a peer reviewed journal of Turkey.
- External Member of Reviewer panel for PhD and MS at Pakistan Institute of Development Economics, Islamabad

Papers in Refereed Journals

- Naila Safi, **Mudassar Rashid**, Usman Shakoor, Nabila Khurshid, Adnan Safi, Fozia Munir 'Understanding the role of energy productivity, eco-innovation and international trade in shaping consumption-based carbon emissions: a study of BRICS nations." Environmental Science and Pollution Research, (2023). https://doi.org/10.1007/s11356-023-29358-z
- Nabila Khurshid, Asma Fiaz, Kashif Ali, Mudassar Rashid. "Unleashing the effect of energy efficiency, knowledge spillover, and globalization on environmental sustainability: an VECM analysis for policy empirics." Environment, Development and sustainability, (2023). https://doi.org/10.1007/s10668-023-02949-z
- Xiaoyi Zhang, Muhammad Usman, Ateeq ur Rehman Irshad, Mudassar Rashid, Amira Khattak; "Investigating Spatial Effects through Machine Learning and Leveraging Explainable AI for Child Malnutrition in Pakistan." International Journal of Geo Information. (2024). https://www.mdpi.com/2220-9964/13/9/330
- Muhammad Iftikhar ul Husnain, Mudassar Rashid, and Usman Shakoor. "Decision- making for birth location among women in Pakistan: evidence from national survey." *BMC pregnancy and childbirth* 18, no. 1 (2018): 226. https://bmcpregnancychildbirth.biomedcentral.com/articles/10.1186/s12884-018-1844-8
- Usman Shakoor, **Mudassar Rashid**, Ashfaque Ali Baloch, Muhammad Iftikhar ul Husnain, Abdul Saboor. "How aging population affects healthcare expenditures in Pakistan? A Bayesian VAR

- Analysis." Social *Indicators* Research (2020).https://doi.org/10.1007/s11205-020-02500-x
- Mudassar Rashid, Zuhair Husnain, and Usman Shakoor. "Impact of Climate Change on Cotton Production in Pakistan: An ARDL Bound Testing Approach." Sarhad Journal of Agriculture 36, (2020).http://researcherslinks.com/current-issues/Impact-of- Climate-Change-on-Cotton-Production-in-Pakistan-An-ARDL-Bound-Testing-Approach/14/1/2771/html
- Usman Shakoor, **Mudassar Rashid**, Abdul Saboor, Nabila Khurshid, Zuhair Husnain, and Abdul Rehman. "Maize Production Response to Climate Change in Pakistan: A Time Series Assessment." Sarhad **Journal** of *Agriculture* 33, http://researcherslinks.com/current-issues/Maize-Production-Response-to-Climate-Change-in-Pakistan-A-Time-Series-Assessment/14/1/519/html
- Aisha Khan, Haroon Ahmed, Shaheera Amjad, Muhammad Sohail Afzal, Waseem Haider, Sami Simsek, Mudassar Rashid Khawaja, Danish Hassan Khan, Shumaila Naz, Anna Durrance-Bagale, Rana Muhammad Kamran Shabbir, Raja Zoq Ul Arfeen, Shahzad Ali and Jianping Cao. "Community Based Assessment of Behavior and Awareness of Risk Factors of Cystic Echinococcosis in Major Cities of Pakistan: A One Health Perspective." Frontiers in **Public** Health (2021).https://www.frontiersin.org/articles/10.3389/fpubh.2021.648900/full
- Mudassar Rashid, Javeria Sarwar, Muhammad Abeer Faroog." An empirical assessment of Pakistan's intra industry trade Potential." Pakistan Journal of Applied Economics (2022).https://www.aerc.edu.pk/uncategorized/an-empirical-assessment-of-pakistansindustry-trade-potential/
- Mudassar Rashid, Muhammad Saim, Nuzhat Falki, Usama Saleem, Usman Shakoor, Muhammad Usman. "Unmasking the Economic Traps: How Corruption, Political Instability, and Public Debt Stall Growth in South Asia -A Panel Study." Remittance Review https://remittancesreview.com/article-detail/?id=2284
- Mudassar Rashid, Iqra Solangi, Muhammad Usman, Nuzhat Fulki, Usman Shakoor. "The Food-Insecurity-Migration Nexus: Investigating Barriers And Boundaries In Pakistan", Migration Letters (2024). https://migrationletters.com/index.php/ml/article/view/11147
- Mudassar Rashid, Musa Munir, Muhammad Umer, Nuzhat Falki, Usman Shakoor. "Adaptation of Islamic Banking: Managerial and Consumer Perspective." Remittance Review (2024). https://remittancesreview.com/article-detail/?id=2232
- Mudassar Rashid, Hassan Khattak, Muhammad Usman , Muhammad Umer, Usman Shakoor. "Evaluating The Nexus Between Environmental Sustainability, Environmental Taxes, Environmental Innovation, And Energy Resources: A Case Study For South Asia." Migration Letters (2024). https://migrationletters.com/index.php/ml/article/view/11155
- Mudassar Rashid, Muhammad Naveed Tariq, Ateeq ur Rehman Irshad. "Exploring The Economic Ripple Effect of Climate-Induced Disasters: A Captivating Empirical Investigation Across South Asian Nations." Jilin Daxue Xuebao (Gongxueban)/Journal of Jilin University (Engineering and **Technology** Edition). https://jilindaxuexuebao.org/details.php?id=DOI:10.5281/zenodo.10686013
- Mudassar Hussain, Usman Shakoor, Muhammad Usman, Mudassar Rashid, Muhammad Irfan, Muhammad Abeer Farooq. "Is the Micro-Finance Program a Panacea for Household welfare? An Empirical Analysis from Pakistan." International Transaction Journal of Engineering, & Applied Sciences *Technologies* (2021).https://tuengr.com/A12/12A3/12A3J.html
- Usman Shakoor, Syeda Arfa Ali, Mudassar Rashid, Muhammad Irfan, Mudassar Hussain, Muhammad Usman. "Performance Evaluation and Adaption of Biogas Plant Users among Rural Households of Pakistan." International Journal of Innovation, Creativity and Change (2020).https://www.researchgate.net/publication/349053481 Performance Evaluatio n and Adaption of Biogas Plant Users among Rural Households of Pakistan
- Mudassar Rashid, Shahid Akbar, Usman Shakoor, Sher Akbar. "Identifying Optimal ARIMA Type Forecasting Model for COVID-19 Datasets of Pakistan." Journal of Business & Economics (2020). https://portals.au.edu.pk/jbe/Default.aspx

- Haider, Gulfam, Abdul Jabbar, and Mudassar Rashid. "MAXIMUM EMPIRICAL LIKELIHOOD AS AN ALTERNATIVE TO GENERALIZED METHOD OF MOMENTS FOR A FINITE SAMPLE CASE." International Transaction Journal of Engineering, Management, & Applied Sciences & Technologies 11, no 7 (2020): https://tuengr.com/V11/11A07JM.pdf
- Rashid, Mudassar, and Usman Shakoor. "REVISITING DETERMINANTS OF INVESTMENT THROUGH G-TO-S APPROACH FOR ASIAN COUNTRIES." International Transaction Journal of Engineering, Management, & Applied Sciences & Technologies 11, no 4 (2019):https://www.tuengr.com/V11/11A04F.pdf
- Khurshid, Nabila, Usman Shakoor, **Mudassar Rashid**, Jamila Khurshid, and Gulnaz Hameed. "ANALYZING ROLE OF MICRO CREDIT TOWARDS SOCIO-ECONOMIC DEVELOPMENT OF RURAL WOMEN IN NORTHERN AREAS OF PAKISTAN." *City University**Research Journal* . (2019): http://www.cusit.edu.pk/curj/files/aic-18/02.pdf
- Shakoor, Usman, Ali Nasir, **Mudassar Rashid,** Muhammad Iftikhar-ul-Husnain, Nabila Khurshid, and Zuhair Husnain. "Practical Contemplation of Nexus between Agriculture Taxation and Agriculture Output Share: A Case of Pakistan." *Sarhad Journal of Agriculture* 34, no. 3 (2018). http://researcherslinks.com/current-issues/Practical-Contemplation-Agriculture-Taxation-and-Agriculture-Output-Share-A-Case-of-Pakistan/14/1/1560
- Usman Shakoor, Mudassar Rashid, Muhammad Iftikhar-ul-Hussnain, Abdul Rehman, Nabila Khurshid, Time series evaluation of climate change on wheat crop production of Pakistan. International Journal of Modern Agriculture (2018). http://modern-journal.com/web/IJMApdf2018Sept.htm
- Riaz, Yasir, Ali Raza, and **Mudassar Rashid**. "Comparison of Residual based Cointegration Tests: Evidence from Monte Carlo." *European Online Journal of Natural and Social Sciences* 7, no. 2 (2018): pp-494. http://european-science.com/eojnss/article/view/5387
- Ateeq ur Rahmna Irshad, Mudassar Rashid, Efficiency comparison of Large, medium and small universities in Pakistan: an Application of DEA. City University Research Journal 5, no
 2.(2015).http://www.cityuniversity.edu.pk/curj/Journals/Journal/July%202015/04.pdf

Papers Accepted/Under Review/Submitted

- Washing Away Your Sins? Corporate Environment Misconduct, Marketing as A Buffer, And Investment Efficiency. Journal of Sustainable Finance and Investment (Under review)
- Devastating Deluge: Socio-Economic Impact of Floods on Household Living Standards in Pakistan
 A Comparative Study of Pre and Post-Flood Conditions; Asia-Pacific Journal of Regional Science (Submitted)
- Energy Transition and Institutional Quality in E7 Economies: Unveiling Paths to Sustainable Development with CS-ARDL Analysis; Economic Modeling (Submitted)

Sponsored Research Projects

- Principal Investigator (2017-2018): Performance of Automated Model selection procedures in presence of Autocorrelation and Heteroskedasticity: A panel framework by **Higher Education Commission** of Pakistan. (Pkr: 0.32 Million)
- Principal Investigator (Submitted). The Hunger Games: Mapping the Impact of Climate Change on Food Security in Pakistan submitted to **Pakistan Agricultural Research Council** (PARC), Islamabad, Pakistan (Pkr: 5.8 Million)
- Co-Principal Investigator (Submitted). Analyzing the adoption of climate smart agriculture (CSA) practices to improve crop income across Farmers of Arid Areas of Pakistan submitted to Pakistan Agricultural Research Council (PARC), Islamabad, Pakistan (Pkr: 6.9 Million)

Conference Papers

- The 6th International Conference on Economics and Social Sciences, Bucharest University, Romania. (2023)
- Government Borrowing and Macroeconomic Dynamics of Pakistan. 33rd Annual Conference of the Pakistan Society of Development Economists, Islamabad. (2017)
- Analyzing the Role of Micro Credit towards Socio-Economic Development of Rural Women in Northern Areas of Pakistan. 4th Asian International Conference, Malaysia. (2018)

Workshops/Seminars

- Workshop on Revitalizing Rulemaking and Dispute Resolution in the WTO, July 10 to July 12, 2019, at Robert Schuman Centre for Advanced Studies, European University Institute, Florence, Italy
- Co-learning workshop on **Deep learning, Pandas and Python** at COMSATS University Islamabad. Feb 2019- Jan 2020
- Workshop on **Applied Economics using Software** (Eviews, RATS, STATA, SPSS, LaTex) 3rd Aug to 7th Aug 2017, at School of Economics, Quaid-i-Azam University, Islamabad.
- Workshop on "Scientific manuscript writing" arranged by ORIC at COMSATS University Islamabad (2017).
- Workshop titled "iPakistan" arranged by COMSATS University Islamabad at Serena Hotel Islamabad Nov. 26, 27 2016

Additional Responsibilities Performed

Community Responsibilities

- 1. Elected member of Academic Council Forum of CUI, Pakistan
- 2. Member of Academic Council Forum of University of Chakwal, Pakistan

Institutional Responsibilities

- 3. Member of Departmental Tenure Review Committee
- 4. Consultative Committee for Drafting Statutes, Rules and Regulation for CUI (CUI-University Level Committee)

Campus Level Responsibilities/Committees

- 1. Scrutiny Committee for New Appointments (Islamabad Campus Committee)
- 2. Resource Optimization Committee (Islamabad Campus Committee)
- 3. Admission Inquiry Committee (Islamabad Campus Committee)
- 4. Campus Sports Committee (Islamabad Campus Committee)

Departmental Responsibilities/Committees

- 1. In-charge Undergraduate Program Department of Management Sciences
- 2. Convener Event Management Committee
- 3. Convener Cultural and Sports Committee
- 4. Convener Open House Task Force
- 5. Convener Job Fair Committee
- 6. Convener Orientation Day Committee
- 7. Convener COMSATS Projects and Careers Expo Committee
- 8. Convener Departmental Investigation Committee
- 9. Convener Sports Committee

- 10. Convener Exam Committee
- 11. Member Academic Program Development Committee
- 12. Member Departmental Curriculum Committee
- 13. Member Departmental Admission Committee
- 14. Member of Industry Liaison Committee
- 15. Member of Departmental Academic Regulatory Committee
- 16. Worked as a member of Panel of PhD thesis and proposal defense
- 17. Worked as a member of MS proposal defense, Economics
- 18. Participate/Co-operate in proposal write up of Business school
- 19. Reviewed Papers of annual South Asian International Conference (SAICON) organized by COMSATS
- 20. Represented COMSATS at CPEC consortium of Business School in NUST.
- 21. Worked as a member of Panel of PhD thesis and proposal defense
- 22. Worked as a member of MS proposal defense, Economics
- 23. Evaluated several PhD/MS thesis/Proposal

Student Supervision

PhD Thesis

	Student Name	Thesis title	Program	University	Status
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	Khurrum	Systematic Risk, Credit Expansion &	PhD Finance	CUI	Completed
1	Shahzad	Corporate Investment under			(Spring23)
		Macroeconomic & Corporate Dynamics:			
		An Evidence From Pakistan			
	Muhammad	Writing Proposal	PhD	Islamabad	In
2	Abeer Farooq		Economics		progress
	_				

MS Thesis

	Student Name	Thesis title	Program	University	Status
1	Shamsa Naz	Investigating the Determinants of Renewable Energy Technologies Usage intention among the household of twin cities: Rawalpindi and Islamabad	MS Energy Management	CUI Islamabad	Completed (Fall15)
2	Ghazala Raza	Assessing Potential of Rice Husk Gasification in Pakistan	MS Energy Management	CUI Islamabad	Completed (Fall15)
3	Noor ul Amin	Leadership Competency as a Success Factor in Projects: A Quantitative Confirmatory Study of the Telecom Sector of Pakistan.	MS Energy Management	CUI Islamabad	Completed (Fall16)
4	Mahjabeen	Impact of Big Five Personality traits and Personal Motives on Whistle-Blowing Intentions	MS Project Management	CUI Islamabad	Completed (Spring16)
5	Ayesha Farooq	Impact of Employee Ingratiation tactic on His/Her Job satisfaction & affective commitment: analyzing mediating impact of LMX	MS Project Management	CUI Islamabad	Completed (Spring16)

6	Muhammad Abeer Farooq	Government Borrowings and macroeconomic dynamics: case of Pakistan	MS Economics	CUI Islamabad	Completed (Spring17)
7	Adeel Asif	Causal dynamics between CO2 emissions, health expenditures and economic growth in Pakistan	MS Economics	CUI Islamabad	Completed (Spring17)
8	Ambar Mustaq	Child health in Pakistan: Socio- Economic Determinants	MS Economics	CUI Islamabad	Completed (Spring17)
9	Jaweria Sarwar	Determinants and Potential of Intra- Industry Trade: A Case of Pakistan	MS Economics	CUI Islamabad	Completed (Fall17)
10	Sakhi Ahmed	Nexus between Female Education and Economic Growth (A Case of Pakistan)	MS Economics	CUI Islamabad	Completed (Fall17)
11	Sahr Sajid	Uncertainties, Resource Capabilities and Project Success: The Moderating role of Business knowledge of IT projects	MS Project Management	CUI Islamabad	Completed (Fall18)
12	Ume Rubab	Energy Consumption, Financial Development and Economic Growth Nexus in South Asian Countries	MS Economics	CUI Islamabad	Completed (Fall20)
13	Tayyaba Kanwal	Structural Shifts in Consumer's Demand: A disaggregate analysis of Rural- Urban Food Consumption for Pakistan	MS Economics	CUI Islamabad	Completed (Fall20)
14	Sarah Aqeel	Analyzing the determinants of Climate smart Agriculture Practices Across Farmers of Arid Areas of Pakistan	MS Economics	CUI Islamabad	Completed (Spring21)
15	Sadia	Spatial Variation & Spillover effects of Childhood Stunting: A Cross sectional analysis in District of Punjab, Pakistan	MS Economics	CUI Islamabad	Completed (Spring22)
16	Faheem Ullah	Nexus between Economic Freedom, Energy & Growth: A spatial Analysis	MS Economics	CUI Islamabad	Completed (Fall22)
17	M. Naveed Tariq	Climate Disasters and the Macro economy : An analysis of South Asian Countries	MS Economics	CUI Islamabad	Completed (Spring23)
18	Dur-e-Adan	How Insurance saves lives? Unveiling the impact on infant health in Pakistan	MS Economics	CUI Islamabad	Completed (Spring24)
19	Rafia Saqib	Sectoral Secrets: Nonlinear Prespectives on The Quantity Theory of Money In Pakistan	MS Economics	CUI Islamabad	In Progress.
20	Ihtasham ul Haq	Writing Proposal	MS Economics	CUI Islamabad	In Progress.

Undergraduate Thesis

1	Muhammad Saim	Analyzing the Impact of Corruption	BS	CUI	Completed
		and Political stability on Foreign Debt	Economics	Islamabad	(Spring19)

2	Musa Munir	Low Adaptation of Islamic Banking in Pakistan: A Banker-Consumer Perspective	BS Economics	CUI Islamabad	Completed (Spring19)
3	Mominah Khizar	Shadow Economy: A Comparative analysis of South Asian Countries	BS Economics	CUI Islamabad	Completed (Spring20)
4	Nayab	Analyzing the Nexus between Energy Security and National Security: Insights from Pakistan	BS Economics	CUI Islamabad	Completed (Fall20)
5	M.Nasir	Long term and Short-term Impact of Renewable and Non-renewable energy consumption on economic growth in Pakistan	BS Economics	CUI Islamabad	Completed (Fall21)
6	Ch. Usama	A Causality Investigation of the Linkage Between Higher Education and Economic Development: Empirical Evidence	BS Economics	CUI Islamabad	Completed (Spring23)
7	Ali Rooh	Influence of Green Trade, Green Energy, and Green Innovation in promoting Green Economic Growth	BS Economics	CUI Islamabad	Completed (Spring23)
8	Fatima	Nexus between Green Finance, Green Energy .and Renewable energy Development	BS Economics	CUI Islamabad	Completed (Fall23)
9	Muhammad Talha Aslam	Navigating the Brain Drain Tide: Understanding the Nexus between Brain Drain, Inflation and Political Stability in South Asian Economies	BS Economics	CUI Islamabad	Completed (Fall23)
10	Anusha Masood	Impact of Social Media and Socio- economic Factors in the Dissemination of Fake News in the 2024 General Eleections	BS Economics	CUI Islamabad	Completed (Spring24)
11	Iqra	Boundaries and Barriers: Investigating the Nexus Between Food Insecurity and Migration Patterns in Pakistan	BS Economics	CUI Islamabad	Completed (Spring24)
12	Hassan Khatak	Evaluating the nexus between Environmental Sustainability, Environmental Taxes, Environmental Innovation and Energy Resources: A case study for South Asian Region	BS Economics	CUI Islamabad	Completed (Spring24)
13	Nabeel Najib	Writing Proposal	BS Economics	CUI Islamabad	In Progress.
14	Faheem Ali kHan	Writing Proposal	BS Economics	CUI Islamabad	In Progress.
15	Zoya Saad	Writing Proposal	BS Economics	CUI Islamabad	In Progress.
16	Ayan Ahmed	Writing Proposal	BS Economics	CUI Islamabad	In Progress.
17	Ali Rafi Ahmad	Writing Proposal	BS Economics	CUI Islamabad	In Progress.

18	Shahzeb Ahmad	Writing Proposal	BS	CUI	In
	Khan		Economics	Islamabad	Progress.
19	Rahima Omar	Writing Proposal	BS	CUI	In
			Economics	Islamabad	Progress.
20	Irza Fatima	Writing Proposal	BS	CUI	In
			Economics	Islamabad	Progress.
21	Haniya Shoukat	Writing Proposal	BS	CUI	In
	Randhawa		Economics	Islamabad	Progress.

Languages Known: Urdu (Native), English (Near Native)

Software skill: Stata, EViews, Python, Matlab