

Muhammad Ramzan

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Education

- Expected Dec. 2024 **PhD in Economics**, *Clark University*, Worcester, MA, *Dissertation*: Three Essays in Development Economics GPA: 3.84/4.00
- May 2019 **MA in Economics**, *Clark University*, Worcester, MA, GPA: 3.96/4.00
- Nov. 2011 **M.Phil in Economics**, *Pakistan Institute of Development Economics*, Islamabad, Pakistan, Thesis: Models of External Debt Growth Relationship for Pakistan. GPA: 3.69/4.00
- June 2008 **M.Sc. in Economics**, *International Islamic University*, Islamabad, Pakistan, GPA: 3.80/4.00
- June 2007 **B.Sc. (Hons) in Economics**, *International Islamic University*, Islamabad, Pakistan, GPA: 3.62/4.00

Teaching Experience

- Spring 2020 - **Instructor**, *SPS Department, Clark University*, Worcester, MA
- Present
- Designed and developed course materials, assignments, and assessments for Mathematical Statistics and Linear Regression & Time Series courses
 - Delivered engaging lectures and fostered an interactive learning environment
 - Provided guidance and support to students during office hours
 - Courses taught: Linear Regression & Time Series, Mathematical Statistics, Calculus I
- Fall 2018 - **Teaching Assistant**, *Economics Department, Clark University*, Worcester, MA
- Fall 2019
- Assisted instructors in Intermediate Microeconomics, Development Economics, and Econometrics courses
 - Conducted review sessions, tutoring, lab sessions, and graded assignments and exams
 - Facilitated group discussions, in-class activities, and provided academic support
- Spring 2010 - **Lecturer**, *Pakistan Institute of Development Economics*, Islamabad, Pakistan
- Summer 2017
- Taught a wide range of economics courses to undergraduate and graduate students.
 - Specific courses taught included Microeconomic Theory I, Statistics for Economics, Mathematics for Economists, Applied Economics, Advanced Econometrics Techniques & Forecasting, Game Theory, Financial Economics, Financial Institutions & Markets, Labour Economics, Mathematical Economics II
 - Developed lectures, course materials, assessments, and contributed to curriculum planning.
 - Provided academic guidance and mentorship to students.
 - Served on institutional committees and contributed to policy discussions.

Coordinator Experience

- Jan. 2014 - **Program Coordinator**, *M.Phil Economics and Finance*, Pakistan Institute of Development Economics, Islamabad, Pakistan
- Aug. 2017
- Developed and implemented curriculum updates and improvements.
 - Managed course schedules, faculty assignments, and student records.
 - Organized seminars, workshops, and guest lectures for students and faculty.
 - Served as a liaison between faculty, students, and administration.

Research Experience

- Summer **Research Assistant**, Clark University, Worcester, MA
2019 - 2021
- Assisted faculty with research projects in the areas of development economics and machine learning.
 - Conducted literature reviews, data collection, and data analysis.

Publications

- 2014 **Ramzan, M., & Ahmad, E.** (2014). External debt growth nexus: role of macroeconomic policies. *Economic Modelling*, 38, 204-210.

Technical Skills

- Programming & Statistical Packages Python, SPSS, Eviews, Microfit, Stata, R
- Mathematical Software Maple, MATLAB, RATS
- Typesetting LaTeX, EndNote X7
- Office Tools Microsoft Office Specialist Master

Professional Development

- Mar. 2023 **Practical Time Series Analysis**, Coursera, Credential ID UFTSJQ92XZNH
- Mar. 2023 **Game Theory**, Coursera, Credential ID GCZBNFH6DCPK
- Jan. 2014 **Postgraduate Research Tools**, International Islamic University, Islamabad, Pakistan, Workshop on research methodology and tools.
- Sep. 2012 **Macroeconomics Development**, Academy of Macroeconomic Research, Beijing, China, Seminar on macroeconomic development for developing countries.
- April. 2012 **Estimation of Economic Aggregates**, Pakistan Planning and Management Institute, Islamabad, Pakistan, Workshop on estimating major economic aggregates.
- June. 2011 **Quantitative Methods**, Pakistan Planning and Management Institute, Islamabad, Pakistan, Workshop on quantitative methods for social sciences.
- June. 2008 **Data Analysis using Stata**, International Islamic University, Islamabad, Pakistan, Workshop on data analysis using Stata.
- Feb. 2008 **Computer Applications for Economists**, International Islamic University, Islamabad, Pakistan, Workshop on computer applications for economists.