

# **Muhammad Tariq Mahmood**

## **(Ph. D Economics)**

Assistant Professor, Department of Economics

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## **Objective**

*To be an innovative Economist performing Policy-relevant Economic Research, Teaching, Consultation & Training*

## **Executive Summary**

- *Ph. D in Economics (2010)*
- *About 22 years total work experience (Appx. 12 year Post Ph. D)*
- *23 Research article/publications in last 12 years including 5 conference papers.*
- *Trained in Planning, Monitoring & Evaluation of Development Strategies.*
- *Proficient in use of Software; EViews, SPSS, STATA, MS Excel*
- *Proficient in English, Arabic, Urdu, Punjabi and Saraiki.*
- *Equipped with the Knowledge, Philosophy and Working of the Distance Learning for Development.*
- *Experience and skills of leading a team of 10-50 people in different working environment including Academia and development sectors.*
- *Trained and Experienced in different modules of Non-formal Education System.*
- *Firsthand experience of working with Overwhelming Rural Communities/Societies.*

## **Work Experience (22 Years)**

### ***The Academia***

***Head, Department of Economics, FUUAST, Islamabad: June 08, 2022 – Sep. 16, 2022***

***Head, Department of Commerce, FUUAS Islamabad: Mar 08 2017 Oct. 04, 2019***

***Member Management Committee Department of Commerce, FUUAST Islamabad : Sep, 28 2016 –Mar 08, 2017***

***Assistant Professor (BPS -19): Aug 12<sup>th</sup> 2011 –Present, Department of Economics, FUUAST, Islamabad***

- Teaching Ph.D/ M.Phil, and Master Level Classes
- Class Counselor for Ph. D and M.Phil Students
- Mentoring Ph. D/M. Phil Scholars
- Conduct empirical research on different issues with particular reference to Pakistan Economy.

***Lecturer (BPS-18, Contract): 17 Nov. 2009 – Aug., 11<sup>th</sup> 2011, Allama Iqbal Open University, H/8, Islamabad***

- Design Course Content for Distance Education
- Writing Course Mathematics and Statistics for Bachelor Level Students
- Plan and Conduct the Workshops and assignments.
- Analyze research at a strategic level to influence future enrolment and enhance program across the region.
- Teaching M. Phil Classes [Advanced Macroeconomics and Monetary Theory]
- Supervised two M.Sc. theses.

***Lecturer: May 02, 2007 – November 16, 2009, University of Wah, Wah Cantt***

- Teaching M.Sc and B.S (Hons) Classes
- Research supervision to 4 students of M.Sc. and BS (Hons.)

### **Major Courses Taught**

<b>Ph.D.</b>	Applied Econometrics, Monetary Theory and Policy, Topics in Macroeconomics, Topics in Microeconomics,
<b>M. Phil.</b>	Advanced Econometrics, Topics in Development Economics, Research Methods for Social Sciences, Monetary Economics, Advanced Macroeconomics, Advanced Microeconomics,
<b>M.Sc.</b>	History of Economic Thought, Labour Economics, International Finance, Basic Econometrics, Microeconomics, Macroeconomics, Financial Institutions & Markets, Applied Economics, Research Methodology, International Economics

S No.	Authors	Title	Journal	Cate.	Volume	Number	Pages	Year
1	Wang, Lei; Chen, Ziwang; Mahmood, Muhammad Tariq; Mehdi, Mirza Nasir Jahan; Ullah, Sana; Nazam, Muhammad; Hafeez, Muhammad;	Do transportation taxes promote pro-environmental behaviour? An empirical investigation	Environmental Science and Pollution Research	w	30 (13)	13	35545-35553	2023
2	Ma, Yechi; Chen, Zhiguo; Mahmood, Muhammad Tariq; Shahab, Sadaf;	The monetary policy during shocks: an analysis of large Asian economies' response to COVID-19	Economic research-Ekonomska istraživanja	W	35(1)	1	1862-1883	2022
3	Mahmood, Muhammad Tariq; Shahab, Sadaf; Shahbaz, Muhammad;	The relevance of economic freedom for energy, environment, and economic growth in Asia-Pacific region	Environmental Science and Pollution Research	W	29(4)	4	5396-5405	2022
4	Saddaf, Nabila; Mehmood, Muhammad Tariq; Pitafi, Adnan; Husain, Shahbaz;	Government Trust as a Significant Determinant of Tax Compliance: A Study of Pakistan	Journal of Applied Economics and Business Studies	Y	6(2)	2	95-104	2022
5	Munir, Nasir; Shahab, Sadaf; Mehmood, Muhammad Tariq;	Financial Risk Management and Transmission Mechanism of Monetary Policy: An Empirical Evidence from Pakistan	Journal of Economic Impact	Y	4(2)	2	75-82	2022
6	Saleh, Tahira Jabeen; Shahab, Sadaf; Mehmood, M Tariq;	ROLE OF LOCUST OF CONTROL IN SATISFACTION WITH WORK-LIFE BALANCE IN THE LIFE OF WORKING WOMEN	Pakistan Journal of International Affairs	Y	5(3)	3		2022
7	MK KAKAR, T MAHMOOD, S SHAHAB	Control causality in the finance-growth nexus: Super-exogeneity test Evidence from SAARC countries	Pakistan Journal of Applied Economics	Y	32(2)	2		2022
8	SHAHAB, SADAF; MAHMOOD, MUHAMMAD TARIQ;	THE ROLE OF POLITICAL STABILITY AND ECONOMIC INEQUALITY FOR SUSTAINABLE GROWTH: ANALYSIS OF SOUTH ASIAN COUNTRIES	Bulletin of Business and Economics (BBE)	Y	11(2)	2	362-368	2022
9	Nazir, Irfan; Mehmood, Muhammad Tariq;	Measuring Crop Productivity Index of Agro Ecological Zones of Punjab and Its Relationship with Climate Factors	Forman Journal of Economic Studies	Y	17(1)	1		2021
10	Hafeez, M; Yuan, C.; Shah, WH; Mahmood, MT; Li, X; Iqbal, K.;	Evaluating the relationship among agriculture, energy demand, finance and environmental degradation in one belt and one road economies	Carbon Management	W	16		16	2020

11	Shahab, Sadaf; Mahmood, Muhammad Tariq; Fatima, Azmat;	Industrial Production and Monetary Shocks: Empirical Evidence from Pakistan	Review of Economics and Development Studies	Y	6(3)	3	575-589	2020
12	Mahmood, Muhammad Tariq; Shahab, Sadaf; Rabbani, Saad Ali;	Monetary Policy Channels and Industrial Production in Pakistan: Evidences based on ARDL Approach	Journal of Accounting and Finance in Emerging Economies	Y	6(3)	3	713-721	2020
13	Salam, Shafaq; Hafeez, Muhammad; Mahmood, Muhammad Tariq; Akbar, Kashifa;	The dynamic relation between technology adoption, technology innovation, human capital and economy: comparison of lower-middle-income countries	Interdisciplinary description of complex systems: INDECS	Y	17(1-b)	1-B	146-161	2019
14	Yu, Hafeez, Lihan, Mahmood, Hong;	Evaluating the Minor Coarse Cereals Product Crowdfunding Platform through Evolutionary Game Analysis	Sustainability	W	11(5)	5		2019
15	Shahab, Sadaf; Mahmood, Muhammad Tariq; Hafeez, Muhammad;	Social Capital, Happiness and Economic Growth: Asian Evidence	Pakistan Business Review	X	21(3)	3		2019
16	Mahmood, Muhammad Tariq; Shahab, Sadaf; Hafeez, Muhammad;	Energy capacity, industrial production, and the environment: an empirical analysis from Pakistan	Environmental Science and Pollution Research	W	27(5)	5	4830-4839	2019
17	Ali, Hamid; Siddique, Hafiz Muhammad Abubakar; Ullah, Kaleem; Mahmood, Muhammad Tariq;	Human capital and economic growth nexus in Pakistan: The role of foreign aid	Bulletin of Business and Economics	Y	7(1)	1	13-21	2018
18	Kubra, Khadija; Mahmood, MT; Sher, Falak; Awan, RU;	Income and Price Elasticities of Demand for Imported Crude Oil in Pakistan	Pakistan Economic Review	Y	1(1)	1	29-Dec	2018
19	Hafeez, M.; Shahab, S.; Mahmood, M. T.;	Exchange Rate Economic Growth Nexus under different Political Regimes and Structural Shocks: Evidence from Pakistan	Journal of Contemporary Management Sciences		1(2)	2	93-106	2017
20	Ali, Tariq Mahmood; Mahmood, Muhammad Tariq; Bashir, Tariq;	Impact of interest rate, inflation and money supply on exchange rate volatility in Pakistan	World Applied Sciences Journal		33(4)	4	620-630	2015
21	Mahmood, Muhammad Tariq; Shahab, Sadaf;	Energy, Emissions and the Economy: Empirical analysis from Pakistan	Pakistan Development Review	X	53(4)	4	383-401	2014
22	Mahmood, Muhammad Tariq; Nazir, Irfan; Shahab, Sadaf;	Impact of Trade Liberalization on the Economy: Cross-country	Innovative Systems Design & Engineering		5(4)	4	22-29	2014

		Analysis of Selected Asian Economies						
23	Shahab, Sadaf; Mahmood, Muhammad Tariq;	Comparative advantage of leather industry in Pakistan with selected Asian economies	International Journal of Economics and Financial Issues	X	3(1)	1	133-139	2013
24	Shahab, Sadaf; Abbas, Shah; Mahmood, Muhammad Tariq;	Impact of Industrialization and Economic Reforms on Environmental Quality in Pakistan	The Empirical Economic Letters		12(11)	11		2013
26	Mahmood, Muhammad Tariq; Shahab, Sadaf;	Effects of optimal monetary policy rules on welfare in a small open economy: A simulation analysis	International Journal of Business and Social Science		3(22)	22		2012
27	Atif, Muhammad; Shahab, Sadaf; Mahmood, M Tariq;	The nexus between economic growth, investment and taxes: Empirical evidence from Pakistan	Academic Research International		3(2)	2	530	2012
28	Qayyum, W; Shahab, S; Anwer, A; Mahmood, MT	Analysing Competitiveness of Agricultural Crops in Pakistan	European Journal of Scientific Research,	X	107(2)	2	1	2012
29	Mahmood, Muhammad Tariq; Shahab, Sadaf;	Higher Education And Economic Growth A Case Study Of Pakistan	Pakistan Journal of Education	Y	27(1)	1		2010

**Area of Specialization:** *Macroeconomics, Microeconomics, Monetary Economics, Applied Finance, Applied Econometrics, Environmental Economics, Behavioral Economics, Development Economics*

## Professional Affiliations

- HEC Ph.D. Approved Supervisor, Pakistan
- Pakistan Society of Development Economists, Member
- Member of *the Society for Economic Measurement: Carnegie Mellon University*
- Reviewer, Journal of Environmental Management (Impact factor: 5.647)
- Reviewer, NUML International Journal of Business & Management
- Reviewer, Journal of Economics, Management and Trade
- Reviewer, Asian Journal of Economics, Business and Accounting
- Member, Editorial Board, Researchpedia Journal of Digital Economy
- Chairman, Board of Studies, Department of Commerce, FUUAST, Islamabad
- Member of Board of Studies, Department of Pak Studies, AIOU, Islamabad, 2010-11
- Member of Board of Studies, Department of Economics, NUML, 2011-12
- Member of External Examiners of Research Dissertation, NUML

- Member of External Examiners of Research Dissertation, Pakistan Institute of Development Economics, Islamabad
- Member of External Examiners of Research Dissertation, Preston University, Islamabad.
- Tutorship of AIOU for M. Phil and Ph. D Economics

## **Publications**

### **Journal Articles**

### **Conference Papers**

1. The Role of Inequality and Political Stability for Sustainable Economic Growth: Analysis of South Asian Countries, International Conference on Technology, Innovation and Sustainability in Business Management, **Middlesex University, Dubai, 2<sup>nd</sup> May, 2019.**
2. “Exchange rate-Economic Growth Nexus under different Political regimes and structural shocks: Evidence from Pakistan.” **1st Social Sciences Conference, 2015 Allama Iqbal Open University Islamabad**, Parallel Session-15,ECONOMY & SOCIETY,
3. “Impact of Trade Liberalization on the Economy: Cross-country Analysis of Selected Asian Economies.” **2<sup>nd</sup> International Conference on Energy, Environment and Sustainable Economy, Bangkok Thailand.**
4. “Energy, Emissions and the Economy: Empirical analysis from Pakistan,” 29 AGBM and Conference of **Pakistan Society of Development Economists, Islamabad, 2013**
5. “Effectiveness and Identification of Monetary Policy in Short Run: A Structural VAR Analysis for Pakistan,” **5<sup>th</sup> South Asian International Conference, Murree, 2013.**

### **Books/Report**

1. Contributor and team leader in “Policy and Plans of Inclusive Growth for Promotion of HRD in SAARC Region” SAARC Human Resource Development Centre Islamabad – Pakistan
2. “Identification of Monetary Policy Shocks” *Lambert Academic Publishing, Germany*, ISBN 978-3-659-44920-8 (2013).
3. Book in review Process: I have completed write-up of the book titled, “**Monetary Economics**,” an undergraduate text based on HEC recognized curriculum
4. I am currently writing book titled, “**History of Modern Economic Thought.**”

### **Project Contribution/Consultancy**

**Research Team Leader in project entitled, “Policy and Plans of Inclusive Growth for Promotion of HRD in SAARC Region”** Jointly conducted by: Towards a Better Future Organization: Kabul - Afghanistan Development Solutions International: Islamabad – Pakistan. 2016

### **Awards and Scholarships**

- (i) HEC travel grant (2014) for conference in Thailand
- (ii) Best Teacher Award by National Commission for Human Development & ITA, 2012 on Teachers’ Day
- (iii) HEC 5000 Indigenous Scholarship for Ph.D (Batch I, 2004)

### **Education**

#### **Federal Urdu University of Arts, Science and Technology, Islamabad**

- **PhD in Economics** (2010)

**Dissertation:** *“The Effects of Monetary Policy Rules on Welfare and Business Cycles in an Open Economy Framework: Pakistan (1981-2006).”* **Supervised by Prof. Dr. Rehana Siddiqui and Dr. Waseem Shahid Malik**

- **Fields of Concentration:** Monetary Economics, Econometrics, Macroeconomics, Development Economics, Research Methodology

#### **International Islamic University Islamabad**

- **M.Sc. Economics** (1999)
- **B. Sc. (Hons) Economics** (1994-1998)

### ***Non-Academic Experience***

#### ***Social and Development Sector***

##### ***Team Leader: April 2003-May 2004, Sudhaar-ITA, Alliance Lahore***

- Implementation of Program activities in the pastoral communities
- Formation of QEFA Groups (Quality Education for All) in the prescribed field area and Establishment of NFE (Non Formal Education) Schools.
- Teachers’ Trainings
- Prepared charts and tables for analysis and presentations.

- Monitored team member activities and manage events to identify needs of villages using PRA tools.
- Plan and manage field activities of the team.

**Social Organizer: April 2000-Jan 2003, NRSP/ PRSP Sialkot**

- Implementation of Program activities in the pastoral communities
- Prepared charts and tables for analysis and presentations.
- Data Collection and Report Writing
- Need Assessment of villages using PRA tools for developmental interventions.
- Plan and manage NRM and HRD based activities.

**Research Fellow: International Management and Development Centre, (IMDC) Islamabad (1999-2000)**

- Data Analysis and Report Writing,
- Use of software: e.g., SPSS and TSP
- Questionnaire Designing, Data Collection and Entry,

## **Trainings/ Workshops/ Seminars**

**Conducted:**

- Trainer/ Guest Speaker at PPMI on 28<sup>th</sup> October, 2019 on Exchange Rate Dynamics and International Trade
- Trainer/ Guest Speaker in “3<sup>rd</sup> Research Officers/Assistant Chiefs Induction Training Program” conducted by PPMI on 6<sup>th</sup> February, 2018.
- Guest Speaker at the Seminar on “Monetary Policy Process in Pakistan” in Govt. Post Graduate College Chakwal on 2<sup>nd</sup> January, 2018.

**Attended:**

- Faculty Development Program jointly conducted by HEC Pakistan and Securities & Exchange Commission of Pakistan on 06-06-2016, Serena Hotel, Islamabad
- Designing Questionnaire and Training others
- Data Handling: Both Primary and Secondary
- Proficient in collecting Data
- Super Learning (June, 2003)
- Effective Social Mobilization (April 14-27, 2003)
- Gender Sensitization Workshop (5<sup>th</sup> Oct., 2001) at PRSP Sialkot.
- Social Mobilization and Animation Reception Training (Aug26-Sep11, 2001) at Punjab Rural Support Program, Sialkot.

## **Other Professional Contribution**

- Member Doctoral Research Committee of School of Economic Sciences
- Head, Admission Committee of M. Phil and Ph. D



- Chairman, Medical Committee FUUAST, Islamabad
- Chairman, Purchase Committee of FUUAST, Islamabad (2015-18)
- Member Convocation Committee, FUUAST, Islamabad
- Planning to Organise an International Conference and Initiate a Reputed Research Journal with departmental Team.

### **Personal Details**

Father's Name	Malik Abdul Hakeem
Date of Birth	05-04-1976
Marital Status	Married