

ABDUL RAUF, PhD

Assistant Professor

Department of Government and Public Policy
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EXPERIENCE

Assistant Professor

SEP' 2021 – till date

Department of Government and Public Policy, National Defence University (NDU), Islamabad, Pakistan

Key research interests: Growth and Development, Economics of Innovation, Trade, Human capital, Structural change, Financial development.

- Teaching undergraduate and postgraduate level courses.
- Conducting cutting edge research and publishing the outcome in decent economics journals.
- Actively engaged in preparing research proposals and applying for research grants and fundings.
- Supervising a number of MS and PhD students.
- Chairperson, international/national academic collaboration committee.
- Focal Person, research review committee of GPP.
- In-Charge, MS students' academic affairs.
- Member, Board of Studies (BOS); undergraduate curriculum revision committee of NDU and others.

Postdoc Fellow

2019 – 2020

School of Economics, Zhejiang University (ZJU), Hangzhou, P. R. China

- Conducted high quality research commensurate with publication in renowned economics journals.
- Engaged in designing and organising research proposals, applying for research grants and participating in departmental and university level seminars and workshops.
- Extensively engaged in reviewing and editing manuscripts written by postgraduate students.

EDUCATION

PhD in Economics

2015-2019

School of Economics and Management, Wuhan University, Wuhan, P. R. China

Dissertation “The Effect of Indigenous Innovation, Foreign Technology and Ownership Structure on Manufactured Export Performance: Evidence from China’s Capital- and Technology-intensive Industries”

Principal Supervisor: Professor Ma Ying, Wuhan University, Wuhan, P R China

Project “A Study on the Transformation of China’s Outward Pattern of Economic Development (13JJD790021)”

MPhil in Economics

2013-2015

School of Economics, Quaid-I-Azam University, Islamabad, Pakistan

Dissertation “Assessing the Effect of Violence on Trade Flows in South-Asian Countries: A Gravity Model Approach”

Supervisor: Professor Abdul Jalil, Quaid-I-Azam University, Islamabad, Pakistan

MSc in Economics

2010-1012

School of Economics, Quaid-I-Azam University, Islamabad, Pakistan

Term Project “Revisiting the Nexus between Seigniorage Revenue and Political Instability in Developing and Developed Countries: A Dynamic Panel Data Analysis”

Bachelor of Commerce

2007-2009

Bahauddin Zakariya University, Multan, Pakistan

RESEARCH GRANT

- **Research Grant Award Under the RASTA Competitive Grant Programme for Policy-oriented Research (06-252) (PKR 3.2 million)** APR’ 2024 – till date

Principal Investigator

Project Title: “Dissecting the Effect of Internal R&D, Imported Input Variety and External Technology Acquisition on Export Competitiveness of Pharmaceuticals in Pakistan”

Funding Body: Pakistan Institute of Development Economics, Islamabad, Pakistan

PUBLICATIONS

REFEREED JOURNAL ARTICLES (As first and/or corresponding author)

1. *Assessing the effect of domestic and foreign R&D on export: Empirical Evidence from China* (2023), **International Journal of Emerging Markets** (SSCI; IF 3.4; Q2) <https://doi.org/10.1108/IJOEM-02-2022-0282>
2. *Financial Development, R&D and Knowledge Production: Evidence from China* (2023), **Journal of the Knowledge Economy** (SSCI; IF 3.3; Q1) <https://doi.org/10.1007/s13132-023-01675-1>
3. *Change in Factor Endowment, Technological Innovation and Export: Evidence from China’s Manufacturing Sector* (2022), **European Journal of Innovation Management**, 26(1), 134-156. (SSCI; IF 5.1; Q1) <http://doi.org/10.1108/EJIM-01-2021-0055>
4. *Financial Development and the Environment: Evidence from Heterogenous Panel Methods* (2024), **International Economics and Economic Policy** (SSCI; IF 1.7; Q2) <https://doi.org/10.1007/s10368-024-00619-7>
5. *Revisiting the Nexus Between Trade Openness and Economic Growth Using Panel Methods* (2021), **Journal of International Trade and Economic Development**, 30(8), 1168-1187. (SSCI; IF 2.1; Q1) <https://doi.org/10.1080/09638199.2021.1938638>
6. *Indigenous Innovation, Foreign Technology Transfer and China’s Manufactured Export Performance: Evidence from Industry-level Data* (2020), **The Singapore Economic Review**, 65(5), 1349-1366. (SSCI; IF 1.8; Q2) <https://doi.org/10.1142/S0217590819400034>
7. *Revisiting the Innovation-Export Nexus Using Industry-level Data: Evidence from China’s Large- and Medium-Sized Industrial Enterprises* (2019), **International Journal of Economics and Financial Issues**, 9(3), 73-80.

(ABDC) <https://doi.org/10.32479/ijefi.7942>

PRESENTATIONS IN INTERNATIONAL CONFERENCES/FORUMS

- Paper titled “The Role of Indigenous and Foreign Innovation Efforts on Export Performance of China’s Manufacturing Industries” presented at the 3rd International Industrial Economy Forum of Wuhan Textile University “**Industrial Technicalities and High-Quality Development of Manufacturing Industry**” on **December 2, 2023**, at Wuhan Textile University, Wuhan, P R China.
- Paper titled “Assessing the Effect of Violence on Trade Flows of South-Asian Countries: A Gravity Model Approach” presented at 22nd International Research Conference “**People, Planet & Prosperity: SDGs from the Lens of Business and Innovation**” on **March 8-9, 2023**, at SZAB Institute of Science and Technology, Islamabad, Pakistan.
- Paper titled “Evaluating the Effect of Tariff and Non-tariff Barriers on Exports in Pre and Post China-Pak Free Trade Agreement (FTA) Period” presented at 2nd International Conference on “**Sustainable Development in Contemporary World: Priorities, Challenges and Prospects**” on **October 4-6, 2022**, at Fatima Jinnah Women University, Rawalpindi, Pakistan.
- Paper titled “Private Ownership, Innovation and Performance of China’s Manufactured Exports: Evidence from Industry-level Data” presented *at the 4th Biennial Conference of China Development Studies (BCCDS)*, on **July 6-7, 2019**, at Shanghai Jiaotong University, P. R China.
- Paper titled “New-endowments and the Role of Technological Innovation in Export Upgrading: Evidence from Industry-level Data” presented at the 2nd international workshop on “**Artificial Intelligence and Big Data Analysis**”, on **April 23-25, 2018**, at Macau.
- Paper titled “Change in Endowment Structure and the Role of Technological Innovation in Export Upgrading: Evidence from China’s Capital- and Technology-intensive Industries” presented at the inaugural forum on “**New-era Development Economics**”, on **April 20-22, 2018**, at Centre for Economic Development Research (CEDR), E&M School of Wuhan University, Wuhan, P. R. China.
- Paper titled “Change in Factor Endowment, Technological Innovation and Export upgrading: Evidence from China’s Capital- and Technology-Intensive Industries” presented at the fourth international conference on “**The Chinese Economy: Present and Future**”, on **December 16, 2017**, at Institute of Economics, Tsinghua University, Beijing, P. R. China.
- Paper titled “Technological Innovation and Export Upgrading Nexus: Evidence from China’s Manufacturing Industries” presented at Chinese economists’ society China annual conference on “**New Normal and New Directions of Chinese Economy**”, on **June 10-11, 2017**, at Nanjing University, Nanjing, P. R. China.

HONORS & AWARDS

Letter of Appreciation from Dean of Faculty Department of Government and Public Policy, National Defence University, Islamabad, Pakistan	2023
Excellent International Student of Wuhan University Award School of Economics, Wuhan University, Wuhan, P. R. China	2018
Certificate of Appreciation for Participation in Volunteer work & Sports activities Wuhan International Students’ Union, Wuhan, P. R. China	2017-18

ACADEMIC & PROFESSIONAL TRAINING

- Training Course on “Projects on Result Based Management (RBM)” by Pakistan Planning and Management Institute (PPMI), Ministry of Planning Development and Special Initiatives 29th-31st May, 2024.
- Training on “Concepts and Compilation of Key Demographic Indicators through Pakistan Demographic Survey 2020” by Pakistan Bureau of Statistics, Ministry of Planning Development and Special Initiatives 10th-15th March, 2024.
- Conducted a session as Resource Person on “*The Role of Trade in Export Performance of Enterprises*” at SZAB Institute of Science and Technology at Larkana, Pakistan on December 06, 2023.
- Trainer/Resource Person at Two Days Workshop on Qualitative and Quantitative analysis using SPSS, STATA and EVIEWS at NDU, Islamabad, Pakistan held on May 31-June 1, 2023.
- Attendance at Spatiotemporal Innovation Workshop on “*Assessing the Spatial Inequality of Healthcare Accessibility*” (Online), Organized by Spatial Data Lab at Harvard University during 12/10/2022 – 15/10/2022.
- Conducted Workshop on “*Quality Teaching in Higher Education for Self-Assessment*” Organized by FCS NDU at Islamabad, Pakistan on June 01, 2022.
- Got training under ‘*National Faculty Development Program NFDP-2021*’ organized by National Academy of Higher Education, HEC, Islamabad, Pakistan during July 26-August 31, 2021
- Attendance at ‘*The Fifth Summer School on New-Structural Economics*’ held at Institute of New-Structural Economics, Peking University, P. R. China. during July 9-14, 2018
- Attendance and Presentation at “*Nanhu Doctoral Forum of Economics, Law and Management*” held at Zhongnan University of Economics and Law, P. R. China on December 22, 2016