

## MAHMUD HASAN RIAZ

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### PROFESSIONAL SUMMARY

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A highly motivated and accomplished first-ranked graduate in Economics and Banking, equipped with advanced research and analytical skills. I am a quick learner and a collaborative team player, committed to pursuing a career in research and academia. My passion lies in contributing significantly to the field through innovative research, with a focus on driving impactful and meaningful outcomes.

**Research Interests:** Environmental Economics | Agricultural Economics | Applied Economics | Energy Economics | Labor Economics | Macroeconomics | Econometrics

### EDUCATION

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- **Master of Social Sciences (MSS) in Economics and Banking** **CGPA (Until the 1<sup>st</sup> semester): 3.925/4.00**  
International Islamic University Chittagong, Kumira-4318, Chittagong, BD 2024-Present  
First ranked in the Class  
Thesis topic: *“Impacts of ICT-Trade Openness on Energy Transition and Environmental Sustainability in Bangladesh”*
- **Bachelor of Social Science in Economics and Banking** **CGPA: 3.746/4.00**  
International Islamic University Chittagong, Kumira-4318, Chittagong, BD 2019-2024  
First ranked in the Class  
Thesis topic: *“Militarization, Industrial Progress, and Their Carbon Footprints in NATO Countries: A Panel Econometric Analysis”*
- **Higher Secondary Certificate (HSC)** **GPA: 3.83/5.00**  
Chattogram Bandar College, Chattogram, Bangladesh 2019  
Group: Humanities; Board: Chattogram
- **Secondary School Certificate (SSC)** **GPA: 2.82/5.00**  
Muchha Pur High School, Companiganj, Noakhali, Chattogram, Bangladesh 2017  
Group: Business Studies; Board: Comilla

### RESEARCH EXPERIENCE

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- **Research Assistant, Department of Economics and Banking** **June, 2023- Present**  
International Islamic University Chittagong Kumira-4318, Chittagong, BD  
Working under the supervision of *Dr. Md. Musa Khan, Md. Harun Ur Rashid, and Dr. Zobayer Ahmed.*

#### Responsibilities:

- ❖ Supervise thesis students, providing guidance in research design, data analysis, and academic writing. Successfully supervised 6 students to completion.
- ❖ Instruct undergraduate students in the application of research tools, including SPSS, EViews, STATA, Mendeley, and Zotero.
- ❖ Collaborate with faculty on research projects, contributing to literature reviews, data collection, and statistical analysis

### TEACHING EXPERIENCE

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- **Academic Mentor**  
-Taught Intermediate Economics for Higher Secondary Certificate (HSC) students, covering both 1st and 2nd Papers. **2020-2022**

-Offered specialized tutoring in advanced subjects, including

**2022- Present**

- ❖ MATH-2302: Mathematical Economics
- ❖ MATH-3503: Mathematics for Economists
- ❖ STAT-2402: Statistical Analysis
- ❖ STAT-3503: Statistics for Economists
- ❖ ECON-3601: Basic Econometrics
- ❖ ECON-4802: Econometric Methods and Applications
- ❖ RES-4701: Research Methodology
- ❖ ECON-4703: Applied Microeconomics
- ❖ ECON-4803: Applied Macroeconomics
- ❖ ECON-5207: Advanced Microeconomics
- ❖ MATH-5203: Mathematics: Static & Dynamic Optimization
- ❖ ECON-5302: Advanced Macroeconomics
- ❖ ECON-5304: Advanced Econometrics

### **TEACHNICAL SKILLS**

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|-------------|------------------------|
| • MS Office | • SPSS                 |
| • STATA     | • R Programing (Basic) |
| • EViews    | • Zotero               |
| • Smart PLS | • Mendeley             |

### **AWARDS AND HONORS**

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- Selected as one of 100 participants from approximately 17,000 students at IIUC for the '*Youth Camp for University Students in Bangladesh - Talent Development Program 2023*,' sponsored by WAMY (World Assembly of Muslim Youth, a member of UN-affiliated NGOs), based on merit. **Cox's Bazar, BD, 2023**
- Nominated for the '*Meritorious Felicitation Autumn-2022*' in recognition of excellent performance in the final examinations of Autumn 2022, sponsored by the Career Design Center, Bangladesh. **2022**
- Received a **Tuition Waiver** from my university for maintaining a high GPA throughout the BSS. This merit-based award covered 20-25% of the tuition fees, recognizing consistent academic excellence. **Autumn-2021**

### **RESEARCH PAPERS AND PRESENTATIONS**

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- **Publications:**

- 1) Riaz, M. H. (1<sup>st</sup> Author). *Militarization, Industrial Progress, and Their Carbon Footprints in NATO Countries: A Panel Econometric Analysis*. Agricultural and Resource Economics Review. Indexed in SCOPUS (Q2). Cambridge university press. (Under Review)
- 2) Riaz, M. H. (1<sup>st</sup> Author). *Resource Utilization, Economic Growth and Ecological Footprints in BRICS+ Nations*. Sustainable Futures. Elsevier. Indexed in SCOPUS (Q1). (Under Review)
- 3) Riaz, M. H. (1<sup>st</sup> Author). *Comparative Effects of Climatic and Non-Climatic Inputs on Rice Yields: New Evidence from Bangladesh*. Heliyon. Elsevier. Indexed in SCOPUS (Q1). (Under Review)
- 4) Riaz, M. H. (1<sup>st</sup> Author). *BRICS+ Environmental Challenges: The Nexus of Growth, Energy, and Resources*. Letters in Spatial and Resource Sciences. Springer Nature. Indexed in SCOPUS (Q2). (Under Review)
- 5) Riaz, M. H. (1<sup>st</sup> Author). *The Role of Knowledge and Investment: Unveiling the Nexus Between Scientific Output, Education, and Economic Growth in Bangladesh*. Oxford Bulletin of Economics and Statistics. Indexed in SCOPUS (Q2). Oxford University and John Wiley & Sons. (Under Review)
- 6) Riaz, M. H. (1<sup>st</sup> Author). *Impacts of ICT-Trade Openness on Energy Transition and Environmental Sustainability in Bangladesh*. (Pending Thesis Defense)

- **Conference Papers:**

1) **The 2024 Conference on Digital Finance, Green Innovation, and Sustainable Development:** Presented “Sustainability in Defense: Investigating the Carbon Cost of Militarization in NATO Nations” at the conference organized by the School of Economics and Management, Changsha University of Science & Technology, Changsha, China **26-27 October, 2024**

2) **2<sup>nd</sup> South Asian Climate Conference 2024:** Presented “Assessing the Impact of Resource Utilization and Economic Growth on Ecological Footprints in BRICS+ Countries” at the conference organized by the Center for People and Environ, Dhaka, Bangladesh **02-03 November, 2024**

- **Working Papers:**

1) Life Expectancy in Bangladesh: The Impact of Socioeconomic and Emotional Well-being. (As 2<sup>nd</sup> Author)  
 2) Impact of Islamic Banks’ Ownership Structure on Financial Performance: Evidence from the Bangladeshi Market. (As 1<sup>st</sup> Author)

- **Peer Review Experience:**

1) Reviewer, Asian Journal of Probability and Statistics **(Reviewed 1 manuscript, 2025)**  
 2) Reviewer, WSEAS Transactions on Environment and Development **(Reviewed 1 manuscript, 2025)**

- **Workshop Presentations:**

2) “Applied Econometric Analysis: Using, Eviews, STATA, and SPSS”, organized by Students of EB Department 2024

3) “Navigating Publication: Guidelines and Best Practices for Prestigious Academic Journals”, Organized by Students of EB Department 2024

4) “Higher Study Guidelines for Economics Students”, organized by students of EB Department 2024

3) “Project: What to do next?” organized by 7<sup>th</sup> Batch Undergrade Students of Economics and Banking 2024

## **LEADERSHIP AND VOLUNTEERING**

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- **Workshop Convener**, Workshop on Viva Interview Skills June, 2022
- **Team Leader**, Sylhet Flood Rescue Operations Sylhet, BD, 2022
- **Industrial Tour Guide**, MAS Intimates Private Limited KEPZ, 2023
- **Workshop Manager**, Workshop on Research & Publications for Beginners August, 2024
- **Team Leader**, Feni Flood Rescue Operations and Food Supply Feni, BD, 2024

**References Available Upon Request.**