

MUHAMMAD AMIN

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Professional Summary:

Dynamic and dedicated Full Time Lecturer with 5 years of experience shaping the minds of future finance professionals. Proven expertise in teaching a diverse range of courses, including Financial Modeling, Cost Accounting, and Financial Risk Management. Adept at advising and coordinating various academic and extracurricular activities, fostering a holistic learning environment. Skilled in Financial Data Analysis, Probability and Statistics, and Financial Accounting. Possess a Master of Business Administration from Marshall University and a Bachelor's in Business Administration. Eager to bring my passion for education and extensive industry knowledge to a new academic setting.

Qualification:

PhD – Mathematical Finance (Comprehensive complete)	Thesis in progress	N.E.D University of Engineering & Technology
MBA	2015-2017	Marshall University, Huntington, USA
BBA (Hons)	2010-2014	Iqra University, Karachi.
Intermediate	2008-2010	D.A. Degree College for Men, Karachi

Work Experience:

October 19 – Date Full Time Lecturer at NED University (October 19 – Current)

Key Responsibilities:

1. Prepare and deliver lectures, tutorials, and workshops at undergraduate levels.
2. Develop and update course materials, syllabi, and teaching methods to align with industry standards and academic advancements.
3. Assess and grade students' work, including exams, assignments, and research projects.
4. Publish research findings in peer-reviewed journals, books, and conference proceedings.
5. Supervise and guide students in research projects, dissertations, and theses.
6. Provide academic counselling and career guidance to students.
7. Participate in faculty meetings, departmental planning, and curriculum development.
8. Engage in community outreach programs, public lectures, and industry collaboration.
9. Stay updated with advancements in the field through professional development activities.

Courses Taught: Financial Modeling, Introduction to Financial Accounting, Cost Accounting, Introduction to Mathematical Finance,

Islamic Banking and Financial System, Introduction to Probability and Statistics, Financial Risk Management.

October 19 – Date Class Advisor, BS (Computational Finance) NED University of Engineering & Technology, Karachi Fourth Year Advisor

October 19 – Date QUANTS Society Advisor, Department of Mathematics, NED University

November 21 – Date OBE Coordinator, Department of Mathematics, NED University of Engineering & Technology

February 19 – Visiting Faculty at DHA Suffa University
May 19 (Course Taught: E-Commerce) Department of Computer Science – Program (BS Computer Science)

Book Chapters:

Chapter Title: *Analysis of Machine Learning & Artificial Intelligence in Finance: Growth & New Trends* (Accepted – Waiting for publishing)

Chapter Title: *Central Bank Digital Currency its prospects and implications for Pakistan*

Book Name: "Governance and Policy Transformation in Central Banking" By IGI global.

Research Papers:

Research Paper Title: *Fintech And Its Contributions To Financial Inclusion: A Bibliometric Review Analysis* (Paper Submitted in Journal Pending Decision)

Research Paper Title: *Climate Risk Insurance: Review on Present, Past and Future* (Paper Submitted in Journal Pending Decision)

Conferences:

Presented Paper - *Analysis of Machine Learning & Artificial Intelligence in Finance: Growth & New Trends* **INTERNATIONAL CONFERENCE ON ECONOMY AND BUSINESS – UNIVERSIDAD DE ALMERIA**

Presented Paper - *Analysis of Machine Learning & Artificial Intelligence in Finance: Growth & New Trends* **IBA SBS 3rd International Conference 2024**

Skills:

Microsoft Office	<i>Expert</i>	Probability & Statistics	<i>Expert</i>
Financial Data Analysis	<i>Expert</i>	Python	<i>Beginner</i>
Financial Accounting	<i>Expert</i>	Tableau	<i>Skillful</i>
Financial Modeling	<i>Expert</i>	PowerBi	<i>Skillful</i>

Certifications:

- Import and Export - West Virginia State Government, USA
- Business Professionalism Certified – Marshall University, Lewis College of Business

References: Available upon request.
