

Mohamed Rashidy Abdo



Mathematics and Education Specialist
Mathematics Teacher | University Lecturer

/ Educational Technology Expert | Online Instructor

Professional Summary

Experienced mathematics educator with over 20 years of diverse teaching experience across multiple educational levels. Expert in both traditional and digital learning environments, specializing in mathematics curriculum development, e-learning implementation, and educational technology integration. Demonstrated success in teaching mathematics at secondary, undergraduate, and graduate levels, with a strong focus on innovative teaching methodologies and student engagement.

Contact Information

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Academic Credentials

Current Studies

- **Ph.D. in Education** (2021 - Present) Faculty of Education, Assiut University *Focus: Educational Technology and Mathematics Teaching Methodology*

Completed Degrees

- **Master's in Mathematics Curriculum and Teaching Methods** (2018 - 2021) Faculty of Education, Assiut University
- **Special Diploma in Education** (2016 - 2018) Specialization: Curriculum and Teaching Methods Faculty of Education, Assiut University
- **Professional Diploma in Special Education** (2004 - 2005) Faculty of Education, Assiut University
- **Bachelor of Science and Education** (1997 - 2001) Faculty of Education, Assiut University

Professional Experience

Expert Mathematics Teacher

Al-Azhar Al-Sharif (2002 - Present)

- Lead mathematics instruction for preparatory and secondary levels
- Design and implement innovative teaching methodologies
- Develop and enhance curriculum materials

- Mentor new teachers and provide professional development support
- Integrate technology into mathematics instruction

Online Adjunct Instructor

University of the People (2021 - Present)

- Teach university-level mathematics courses (61 academic hours)
- Courses include: College Algebra, Statistics, and Calculus
- Develop and modify course content
- Implement advanced online teaching methodologies
- Provide individualized student support in virtual environment

University Lecturer

Islamic University of Minnesota (2023 - Present)

- Teach Information Systems Department courses
- Develop curriculum for:
 - Electronic Management
 - Enterprise Resource Planning Systems
 - Advanced E-Business
- Create standardized course materials
- Integrate practical applications in teaching methodology

Research Publications

Peer-Reviewed Articles

1. Morsi, H. M., Hanawi, Z. G., & Abdo, M. R. (2020). "The Effect of Using Frayer Model on Developing Geometric Concepts Among Al-Azhar Preparatory Stage Students." *Educational Journal for Adult Education - Assiut Education*, 2(4), 117-144.
2. Abdo, M. R. (2022). "The Problematic Concept of Conjugate Numbers in the Real Numbers Set." *International Journal of E-Learning*, 7(3), 637-656.

Conference Presentations & Participation

2024

1. **9th International Scientific Conference on Sustainable Development in Education**
 - Presenter: "Role of Technology in Mathematics Education"
 - Assiut University, November 2024
2. **5th International E-Learning Conference**
 - Speaker: "Digital Transformation in Mathematics Teaching"
 - Sharm El-Sheikh, April 2024

2023

1. **AI in Education Conference**
 - Presenter: "Implementing AI Tools in Mathematics Classrooms"

- Assiut, July 2023

Professional Certifications

Teaching & Language

- American English Language Diploma (300 hours) Armed Forces Language Institute, 2004
- Mathematics Teaching in English Diploma Ain Shams University, 2004
- TESL Certification Alison Courses, 2021

Technology & Digital Learning

- Digital Transformation Certificate (FDTC) British Cultural Center, 2023
- Advanced Learning Management Systems Certificate British Cultural Center, 2023

Technical Skills

- Learning Management Systems (LMS) ★★★★★
- Educational Technology Tools ★★★★★
- Mathematics Education Software ★★★★★
- Online Teaching Platforms ★★★★★
- Digital Assessment Tools ★★★★★☆

Language Proficiency

- Arabic: Native
- English: Professional Working Proficiency

Professional Memberships

- International Society for Technology in Education
- Mathematics Teachers Association
- E-Learning Professionals Network

References

Available upon request