

# C.V

## Personal information

Name: Amna Mohamed Gresh  
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Email address: a.gresh@uot.edu.ly  
Academic degree: Lecturer  
Specialization Mathematics

## Profile

A faculty member with more than 15 years of experience in teaching mathematics. Interested in solving problems mathematically, with a strong ability to work under pressure, within a team, and to help my colleagues. I also have extensive experience in supervising undergraduate graduation projects.

## Date of joining the university:

2005- 2010 Teacher Assistant in Department of Mathematics, College of Science, University of Tripoli  
2010 – present Faculty member in Department of Mathematics, College of Science, University of Tripoli

## Education:

2010 M.S. in Mathematics, College of Science, University of Tripoli, Tripoli, Libya  
2004 B.S. in Mathematics , College of Science, University of Tripoli, Tripoli, Libya

## COMPUTER SKILLS

Very good at Softwares such as: Microsoft Word, and PowerPoint

## Languages:

- Arabic is excellent
- English medium

## Teaching experience:

Teaching students in the following:

- College of Information Technology
- College of Agriculture
- College of Engineering
- College of Science

## Courses taught:

- Calculus I
- Calculus II
- Linear algebra I
- Linear algebra II
- Plane analytical geometry
- Ordinary differential equations I

## Current Research Interests

mathematics subjects includes: ODEs, PDEs, boundary value, and polynomial Matrices

## Publications:

- Muna Tubani, Amna Mohamed salah gresh (2021). On the the Change of the Basis of Finite Quantum Systems. *Internatinal Journal of Mathematical Archive*, 12(5), 1-7.
- Ben Mussa, K. A., Gresh, A. M., Elbhilil, N. A., & Awin, A. M. (2022). On the Numerical Solution Of Schrodinger Equation. *Journal of Progressive Research in Mathematics*, 19(1), 82-93. Retrieved from <http://scitecresearch.com/journals/index.php/jprm/article/view/2146>
- Ahlam E. Elashgeh, Amna M. Gresh, Asma S. Lehwij (2024). Non-local Third Boundary Value Problem. *Journal of Total Science*, 9(33), E1-E6.
- Amna M. Gresh, Ahlam E. Elashgeh (2025). On the Inverse of a Square Polynomial Matrix. *African Journal of Advanced Pure and Applied Sciences (AJAPAS)*, 4(1), 413-418.