

# C.V.

## \* Personal Information \*

Name : Dr. Ahmed A. Hamoud.  
Gender : Male.  
Date of Birth : 14-10-1985.  
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**Research Interests:** Numerical Analysis, Differential Equations, Fuzzy Integral Equations, Fractional Integro-Differential Equations.

### RESEARCH IMPACT:

**Google Scholar Profile:** [https://scholar.google.co.in/citations?user=\\_6D8-cIAAAAJ&hl=en](https://scholar.google.co.in/citations?user=_6D8-cIAAAAJ&hl=en)

**ResearchGate:** [https://www.researchgate.net/profile/Ahmed\\_Hamoud3](https://www.researchgate.net/profile/Ahmed_Hamoud3)

**Scopus:** <https://www.scopus.com/authid/detail.uri?authorId=57201317270>

## \* Educational Qualifications \*

Examination Passed	University	Country	Years Attended	Major Subjects
B.Sc-Maths.	Taiz University	Yemen	2008	Mathematics
B.Sc-Maths in Science.	Taiz University	Yemen	2011	Applied Mathematics
M.Sc-Maths. in Science.	Osmania University	India	2015	Mathematics
Ph.D. Maths in Science.	Dr. BAM University	India	2019	Applied Mathematics

## \* Experience \*

- Teacher at Taiz University– Faculty of Science in Alturba- Department of Mathematics & Department of Computer Science since 2009, teaching the following courses:

- ❖ Differential Equations ( I )
- ❖ Partial Differential Equations
- ❖ Differential Equations ( II )
- ❖ Calculus ( II )
- ❖ Numbers Theory

### Supplementary Experiences:

- Operating System (WINDOWS)
- Ms Office (WORD- EXEL-ACCESS-POWER POINT)
- LaTeX is a document preparation system
- Maple soft is a world leader in mathematical and analytical software.
- MATLAB (matrix laboratory) is a multi-paradigm numerical computing environment.

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**\* Appreciation Certificates \***

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- *An Excellence Certificate awarded by the rector in 30th of July 2008 for getting Top1. At the Department of Mathematics .*
- *An appreciation certificate a worded by the dean in 2008 for getting Top1. At Department of Mathematics.*
- *A Certificate awarded by the rector of Damascus university in Syria for being trained successfully at Department Of Mathematics in 2007.*

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**\* Publications\***

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No.	Title	Journal Name	Agency
1	An improvement to one's BCM for the balanced and unbalanced transshipment problems by using fuzzy numbers	Trends in Mathematics	<b>Scopus &amp; WOS</b>
2	Usage of the homotopy analysis method for solving fractional Volterra-Fredholm integro-differential equation of the second kind	Tamkang Journal of Mathematics	<b>Scopus &amp; WOS</b>
3	Existence and uniqueness of the solutions for Volterra-Fredholm integro-differential equations	Journal of Siberian Federal University. Mathematics & Physics	<b>Scopus &amp; WOS</b>
4	A study of some iterative methods for solving fuzzy Volterra-Fredholm integral equations	Indonesian Journal of Electrical Engineering and Computer Science	<b>Scopus</b>
5	Existence and uniqueness results for nonlinear Volterra-Fredholm integro differential equations	Nonlinear Functional Analysis and Applications	<b>Scopus</b>
6	Homotopy analysis method for the first order fuzzy Volterra-Fredholm integro-differential equations	Indonesian Journal of Electrical Engineering and Computer Science	<b>Scopus</b>
7	The approximate solutions of fractional Volterra-Fredholm integro-differential equations by using analytical techniques	Problemy Analiza	<b>Scopus &amp; WOS</b>
8	Optimal solution of fuzzy transshipment problem using generalized hexagonal fuzzy numbers	International Journals of Engineering & Technology	<b>Scopus</b>
9	Existence and uniqueness theorems for fractional Volterra-Fredholm integro-differential equations	International Journal of Applied Mathematics	<b>Scopus</b>
10	Modified Adomian decomposition method for solving fuzzy Volterra-Fredholm integral equations	Journal of the Indian Mathematical Society	<b>Scopus &amp; ICI</b>
11	Modified Laplace decomposition method for fractional Volterra-Fredholm integro-differential equations	Journal of Mathematical Modeling	<b>Scopus</b>
12	Existence and uniqueness of solutions for fractional mixed Volterra-Fredholm integro-differential equations	Indian Journal of Mathematics	<b>Scopus &amp; ICI</b>
13	The approximate solutions of fractional integro-differential equations by using modified Adomian decomposition method	Khayyam Journal of Mathematics	<b>Scopus</b>
14	Some new existence, uniqueness and convergence results for fractional Volterra-Fredholm integro-differential equations	Journal of Applied and Computational Mechanics	<b>Scopus, WOS &amp; ICI</b>

15	A comparative study of variational iteration and Adomian decomposition techniques for solving Volterra-Fredholm integro-differential equations	Nonlinear Dynamics and Systems Theory	<b>WOS</b>
16	Some new uniqueness results of solutions for fractional Volterra-Fredholm integro-differential equations	Iranian Journal of Mathematical Sciences and Informatics	<b>Scopus &amp; WOS</b>
17	The reliable modified of Laplace Adomian decomposition method to solve nonlinear interval Volterra-Fredholm integral equations	Korean J. Math.	<b>Web of Science (WOS)</b>
18	Recent advances on reliable methods for solving Volterra-Fredholm integral and integro-differential equations	Asian Journal of Mathematics and Computer Research	<b>ICI</b>
19	On the numerical solution of nonlinear Volterra-Fredholm integral equations by variational iteration method	International Journal of Advanced Scientific and Technical Research	<b>ICI</b>
20	The combined modified Laplace with Adomian decomposition method for solving the nonlinear Volterra-Fredholm integro-differential equations	Journal of the Korean Society for Industrial and Applied Mathematics	<b>Scientific World Index</b>
21	Monotone iterative technique for nonlinear Volterra-Fredholm integro-differential equations	International Journal of Mathematics and its Applications	<b>ICI</b>
22	Existence and uniqueness results for Caputo fractional integro-differential equations	Journal of the Korean Society for Industrial and Applied Mathematics	Scientific World Index
20	Study of the approximate solution of fuzzy Volterra-Fredholm integral equations by using (ADM)	Elixir Appl. Math.	Scientific World Index
23	Existence and uniqueness results for fractional Volterra-Fredholm integro-differential equations	Int. J. Open Problems Compt. Math	DOAJ and AMS
24	On the numerical solution of Volterra-Fredholm integral equations with exponential kernel using Chebyshev and Legendre collocation methods	Elixir Appl. Math.	Scientific World Index
25	Hybrid method for solving nonlinear Volterra-Fredholm integro-differential equations	J. Math. Comput. Sci.	Scientific World Index
26	Monotone Iterative Technique for Nonlinear Volterra-Fredholm Integro-Differential Equations	International Journal of Mathematics And its Applications	<b>ICI</b>
27	Usage modified of homotopy perturbation and Adomian decomposition techniques for solving Fredholm integral equations	International Journal of Applied Mathematics and Mechanics	Scientific World Index
28	Modified Variational Iteration Method for Solving Caputo Fractional Volterra-Fredholm Integro-Differential Equations	International Journal of Mathematics and Computation	Scientific World Index
29	The effective modification of some analytical techniques for Fredholm integro-differential equations	Bulletin of the International Mathematical Virtual Institute	Scientific World Index
30	Existence and uniqueness results for Caputo fractional integro-differential equations	Journal of the Korean Society for Industrial and Applied Mathematics	<b>WOS</b>
31	Existence and Convergence Results for Caputo Fractional Volterra Integro-Differential Equations	Journal of Mathematics and Applications	Scientific World Index

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### **\* Editorial Board Member \***

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- Journal of Engineering and Applied Sciences
- SCIREA Journal of Mathematics
- Bulletin of the Marathwada Mathematical Society

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### **\* Journal Reviewer \***

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- Mathematical Methods in the Applied Sciences
- Advances in Difference Equations
- Journal of Engineering Science and Technology (JESTEC)
- Khayyam Journal of Mathematics
- Dynamics of Continuous, Discrete and Impulsive Systems

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### **\* Conferences & Workshops\***

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- International Conference on Emerging Trends in Science and Technology (2<sup>nd</sup>-3<sup>rd</sup> Nov-2018 HYDERABAD-INDIA).
- 1<sup>st</sup> International Conference on Recent Trends in Engineering, Materials, Management and Sciences (25<sup>th</sup>-27<sup>th</sup> Oct-2018 KHAMMAM-INDIA).
- 4<sup>th</sup> International Conference on Computing in Engineering & Technology (9-11Jan-2019 AURANGABAD-INDIA).
- Personality Development & Future Leadership (10<sup>th</sup> Oct-2013 HYDERABAD-INDIA).
- L<sup>A</sup>T<sub>E</sub>X For Project Seminar, Thesis Typesetting (5<sup>th</sup> Mar-2016, AURANGABAD-INDIA).
- National Mathematics Day (14-15 Mar-2016 AURANGABAD-INDIA).
- Awareness Training Program of J-Gate E-Journal Consortia (21<sup>st</sup> Feb 2019 AURANGABAD-INDIA).
- Scientific Writing & Publishing Scholarly Articles (30<sup>th</sup> Jan -2019 AURANGABAD-INDIA).