

Curriculum Vitae (CV)

Shaimaa Mohamed Ahmed



Personal Information:

Academic Rank: Assistant Lecturer

Department: Basic Science

Specialization: Mathematical Engineering

Position: Assistant Lecturer

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Education:

Degree	Discipline	Institution	Year
M.Sc.	M.Sc.	ZAGAZIG UNIVERSITY	2024
B.Sc.	B.Sc.	HIGHER TECHNOLOGICAL INSTITUTE	2011

Academic Experience:

Institution: Higher Technological Institute: 10th of Ramadan branch (HTI)

Rank: Assistant Lecturer

Dates: 2024

Institution: Higher Technological Institute: 10th of Ramadan branch (HTI)

Rank: Teaching Assistant

Dates: from 5/2012 to 11/2024

Research interests:

Differential equations

Publications:

- Salem, S., Kassem, M., & Mabrouk, S. M. (2019). Similarity Solution of $(2+1)$ -Dimensional Calogero-Bogoyavlenskii-Schiff Equation Lax Pair. *American Journal of Applied Mathematics*, 7(5), 137-144.
- S.Salem,S.M.Mabrouk.(2024).SimilarityAnalysisofLaxPairsforaClassofNonlinearEvolutionEquations..TheEgyptianInternationalJournalofEngineeringSciencesandTechnology,doi:10.21608/eijest.2024.271689.1265(2024).

Certifications or Professional Registrations:

Training

- Ten weeks at eln2aba el far3eya after successfully completing Mobile package course- June 2010:
 - Telecom basic
 - GSM (2G) (principles, features, components, physical layers and procedures)
 - GPRS (principles, features, components, physical layers and procedures)
 - UMTS (3G) (principles, features, components, physical layers and procedures)
- Ten weeks at LTE Course during the period of February -April 2011:
 - Motivation and feature
 - LTE enabling technologies (OFDM, SC-FDMA, CDS, FFR, MIMO, FDE)
 - LTE physical layers
- one week at DES security (Data Encryption Standard)
- two weeks Training at (Telecom Egypt) company –June 2011:
 - Basics of Microwave
 - Practical of microwave at SAT Station in m3dy city
- Two weeks Training at (Telecom Egypt) company – July 2011:
 - Basics of Satellites
 - Practical of Satellites at SAT Station in m3dy city

Courses

- Language course in English at (Berlitz) level 1- November 2012.
- Language course in English at (Berlitz) level 2- February 2013.
- Using global databases, managing and organizing scientific references and avoiding plagiarism course (zagazig university) – September 2020.
"دورة استخدام قواعد البيانات العالمية وإدارة وتنظيم المراجع العلمية وتجنب الاقتباس"
- Scientific writing and international publication course (zagazig university) – November 2020.
"دورة الكتابة العلمية والنشر الدولي"

Teaching Experience:

Courses taught

- Differential Equations
- Numerical Methods
- Complex Analysis