



Amira Ibrahim Eldesoky

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EDUCATION

- Associated Professor in “Statistics”, Supreme Council of Universities, (October, 2023).
- PHD. In Statistics “Mathematical Statistics” Thesis Titled by" Statistical Analysis of Continuous Time Series with Missed Observations", faculty of Science. Ain Shamse University (2011).
- Master Degree of Statistics "Mathematical Statistics" Thesis Titled by" Statistical Analysis of Time Series with Missed Observations" (2006), Faculty of Science. Helwan University – Egypt.
- B.Sc. of Statistics and Computer Science (2001), Faculty of Science. Helwan University – Egypt.

RELEVANT SKILLS

Related Courses

Operation research, Mathematical Statistics, Ordinary Differential Equation, Mathematics

(Math I, II, III), Mathematical Analysis, Applied Statistics, Mathematics for Business, Matrices and Analytical Geometry, principle of statistics, Advanced applied Statistics, Mathematical Statistics, Advanced probability, Analysis of Time Series, Theory of Reliability, Non parametric Test, Theory of Probability, Estimation theory, Analysis of Regression, Tests of Hypothesis, Stochastic Process, Queuing Theory, Linear Algebra, Sampling Distribution, Discrete Mathematics,

Computer Skills

- SAS
- ICDL
- MS Office,
- SPSS,
- Matlab.
- HTML.

Language Skills

- Arabic native language.
- Fluent in English.

TRAINING

- Training in Egyptian Civil aviation authority (SPSS) – (1999), Excellent.
- Training in Central Metallurgical Research and Development Institute (Access, Database), (2000), Excellent.

Work history

Military College of Administrative Sciences for the Armed Forces (MBA- DBA)	Associated Professor, March 2024-Till now (part time)
Future Academy, The higher institute for specialized Technological Studies	Associated professor, March 2025- Till now
Job Description	Explain Courses of Statistics, Mathematics & probability, Solve Problems& Supervising Sections.
Future Academy, The higher institute for specialized Technological Studies	Assistant professor, Sept. 2017- Till now
Job Description	Explain Courses of Statistics, Mathematics & probability, Solve Problems& Supervising Sections.
Arab Academy for management, banking, and financial Sciences (MBA- DBA)	Assistant professor, Sept. 2016- Till now, (Part Time)
Job Description	Explain Courses of Statistics, Operation Research, probability, & Quantitative Methods in management, Solve Problems&
MIU (Misr International University), Faculty of Business	Assistant professor, (2017-2020), (part Time)
Job Description	Explain Course of Statistics and Solve Problems, Supervising Sections
MIU (Misr International University), Faculty of Computer Science	Assistant professor, (2017-2020), (part Time)
Job Description	Explain Courses of Discrete Mathematics and Solve Problems, Supervising Sections
MIU (Misr International University), Faculty of Engineering	Assistant professor, (2017-2020) (part Time)
Job Description	Explain Courses of Statistics & probability, Solve Problems & Supervising Sections.
6th October university, Faculty of Info Systems & Comp. Science	Assistant professor, (2015- 2017), (part Time)
Job Description	Explain Courses of Mathematics and Solve Problems.

IAEMS	Assistant professor, Oct. 2015- May 2017
Job Description	Explain Courses of Mathematics, Statistics and Solve Problems.
New Cairo academy , Egypt	Assistant professor, April. 2011 – Sept. 2015
Job Description	Explain Courses of Mathematics (Math I, II), Ordinary Differential Equation, Financial Mathematics, Mathematics for Risk and Insurances, Mathematics for Business, Statistics and solve problems.
New Cairo academy , Egypt	Teaching Assistant, Sept. 2009 –April. 2011
Job Description	Explain Courses of Mathematics, Statistics and Computer Science and Solve Problems.
Faculty of Education: KSA Tabouk	Lecturer, Sept. 2006 – Sept. 2008
Job Description	Explain Courses of Mathematics, Statistics and Solve Problems.
Ministry of Communication and information	Instructor, Sept. 2004 – July 2006
Job Description	Enter Lab with Students. Explain Courses of Mathematics, Statistics and Computer Science. Solve Problems and design Projects.
Helwan University	Instructor, Sept. 2001 – May 2003
Job Description	Enter Lab with Students. Explain Courses of Mathematics, Statistics and Computer Science. Solve Problems.

Published Research and Experience_____

- The impact of handling missed data on the gamma regression response. 2024.
- Approximated Characteristics of Bivariate Discrete Time Series with Missing Data. 2024.
- Controlling and Enhancing Performance Using Qm-Window In Queuing Models. 2023.
- Linearly Immutable Continuously Time Series Modelled Bivariate Stochastic Processes with Vector Values: Distinguishing Features. 2023.
- Influence of unobserved data in the time series of the dependent variable and their position in analysis of multiple linear regressions on prediction- case study on: factors affecting co2 emissions. 2023.
- Stochastic characteristics of de- noising time series, 2023.
- Some distinguishing characteristics of the linear immutability of continuous time series via bivariate vector valued stochastic processes.2022.

- Statistical properties of the periodogram for two vector-valued stability series with missed observations, *International Journal of Statistics and Applied Mathematics* 2017; 2(6).
- Periodogram Analysis with Missed Observation between Two Vector Valued Stochastic Process, *International Journal of Advanced Research (IJAR)*, Volume 5, Issue 11, December 2017.
- Asymptotic Properties of the Discrete Stability Time Series With Missed Observations Between Two-Vector Valued Stochastic Process, *International Research Journal of Engineering and Technology (IRJET)*, Volume 4, Issue 4 ,Apr2017 [S.NO: 533](#) .
- Statistical analysis of linear stability continuous time series between two vectors valued stochastic process, *International Journal of Scientific & Engineering Research*, Volume 8, Issue 4, April - 2017 ISSN 2229 -5528.
- Estimation Shadow Economy in EGYPT, Faculty of Commerce, Alexandria University, Financial and Administrative Reform Conference for the Economic and Social Development of Egypt, 2016.
- Government size and economic growth in Egypt, Faculty of Commerce, Fayoum University, 2016.
- Spectral analysis of strictly stationary continuous time series. (2011).
- Asymptotic Properties of Spectral Estimates Of Second- Order With Missed Observations. (2006)
- Some properties of the Discrete Expanded Finite Fourier transform with missed observations. (2006)
- Make a Data Base with the programming for the employee of a certain company using Access and Visual Basic. (2001).
- System Reliability Models and Availability Theory. (2001).

Activities

- Supervisor on PHD thesis titled "Analysis of Stability Discrete time series with missed observations", faculty of Science, Damietta University.
- Supervisor on PHD thesis titled "Analysis of Stability Continuous time series with missed observations", faculty of Science, Damietta University.
- Participated in amending the curriculum for the Department of Computer Science and the Department of Business Administration in the Higher future institute for specialized Technological Studies.
- Participated in the work of the Quality Assurance and Performance Development Unit at the in the Higher future institute for specialized Technological Studies.
- Chairwoman and member of Academic control in the Higher future institute for specialized Technological Studies

- Attended a training courses: such as: "Teaching Strategies and Effective learning", National Authority for Quality Assurance and Accreditation of Education certifies.
- Attended a training course entitled "Internationally Certified Trainer", Carolina International University, CTQS.
- Participated in some development convoys (blood transfusion convoys).
- Participated in some student activities (Chairman of the Families Committee).

Training Courses

Training Course	Date	The Donor	م
Effective Presentation Skills	May 2020	Training and Development Center - Ain Shams University	1
System Exams and Evaluating Students	May 2020	Training and Development Center - Ain Shams University	2
Credit hours and Academic Advising	May 2020	Training and Development Center - Ain Shams University	3
Effective Teaching	May 2020	Training and Development Center - Ain Shams University	4
Organizing Scientific Conferences	May 2020	Training and Development Center - Ain Shams University	5
Strategic Planning	May 2020	Training and Development Center - Ain Shams University	6
Description of programs, courses and evaluation of learning outcomes for colleges and institutes of higher education	May 2020	Training and Development Center - Ain Shams University	7
Exam paper specifications	May 2020	Training and Development Center - Ain Shams University	8