

## Curriculum Vitae

### Dr. Marwa Mostafa Mohie El-Din

Department: Basic Science

Faulty of Engineering ,Egyptian Russian University

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URL: // eru.edu.eg



#### 1. Personal Information

**First Name / Sur Name:** Marwa Mostafa

**Date of Birth:** 28/1/1975

**Address:** Nasr City, Cairo, Egypt.

**Nationality:** Egyptian

**Phone:** 01016650684

**E-mail:** [marwa\\_mohie\\_el-din@hotmail.com](mailto:marwa_mohie_el-din@hotmail.com), [marwa-mostafa@eru.edu.eg](mailto:marwa-mostafa@eru.edu.eg)

**Gender:** Female

#### 2. Education

Title of Awarded Degree	Name of Organization Providing Education	Principal Subject	Dates	
			From	To
Associate Professor	The Scientific Promotion Committee of Mathematics for Professors and Associate Professors	Mathematical Statistics	April 2022	current
PhD	Ain Shams Univ. Faculty of Science	Mathematical Statistics	From 2007	To 2012
Thesis Title: On generalized order statistics and some continuous distributions				
MSc.:	Helwan Univ. Faculty of :Science	Mathematical Statistics	From 2001	To 2006
Thesis Title: The Inverted Linear Exponential Distribution And Its Properties				
BSc. :	Ain Shams Univ. Faculty of :Science	Mathematical Statistics & Computer science	From 1992	To 1996
School	Saint Fatima Language School	KG- High School	1979	1992

### 3. Professional Experience

Occupation	Name & Address of Employer	Main Activities & Responsibilities	Dates	
			From	To
Lecturer	Faculty of Science and Literature Qassim University	Explaining Lectures, preparing tutorials, conducting exams, correction of exams	2010	2012
Assistant Professor	Faculty of Engineering Egyptian Russian University (ERU)	Explaining Lectures, preparing tutorials, conducting exams, correction of exams	2012	2018
Assistant Professor (part time)	Faculties of Engineering- Computer Science- Pharmacy and Business Misr International University(MIU)	Explaining Lectures, preparing tutorials, conducting exams, correction of exams	2012	2017
Assistant Professor (part time)	Faculty of Business Arab Open University (AOU)	Explaining Lectures, preparing tutorials, conducting exams, correction of exams	2014	2018
Associate Professor	Faculty of Engineering Egyptian Russian University (ERU)	Explaining Lectures, preparing tutorials, conducting exams, correction of exams	2022	current

### 4. Discipline

General Discipline	Mathematics	Principal Discipline	Mathematical Statistics and Computer Science
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### 5. Teaching Experience

Course Title	University	Academic Year
Theory of probability	Qassim Univ. (Faculty of Science)	2
Principles of Theory of probability distributions	Qassim Univ. (Faculty of Science)	2

Principles of probability and statistics	Qassim Univ. (Faculty of Science)	1
Group Theory	Qassim Univ. (Faculty of Science)	3
Calculus II	Qassim Univ. (Faculty of Science)	2
Mathematical Statistics	Qassim Univ. (Faculty of Science)	4
Theory of numbers	Qassim Univ. (Faculty of Science)	3
Introduction to Geometry	Qassim Univ. (Faculty of Science)	2
Principles of Mathematics	Qassim Univ. (Faculty of Science)	2
Statistical Lab	Qassim Univ. (Faculty of Science)	4
Probability and Statistics for engineers	ERU (Faculty of Engineering)	2
Discrete Mathematics	ERU (Faculty of Engineering)	2
Mathematics I,II	ERU (Faculty of Engineering)	Preparatory
Mathematics III	ERU (Faculty of Engineering)	1
Mathematics	ERU (Faculty of Pharmacy)	1
Probability and Statistics for engineers	MIU (Faculty of Engineering – Faculty of computer science)	3
Mathematics	MIU (Faculty of Pharmacy)	1
Statistics in Business and Economics	MIU (Faculty of Business)	1
Statistics in Business	AOU (Faculty of Business)	3

## 6. Professional & Technical Skills

- نائب مير وحدة ضمان الجودة بكلية الهندسة بالجامعة المصرية الروسية  
**Vice President for the Quality Assurance Unit – Faculty of Engineering- ERU**  
2013- currently
- عضو مركز ضمان الجودة بالجامعة المصرية الروسية  
**Member at Quality Assurance Center- ERU**  
2013- currently

- رئيس لجنة الاستبيانات بوحدة ضمان الجودة بكلية الهندسة بالجامعة المصرية الروسية  
**President of the questionnaire committee – Quality assurance unit- Faculty of Engineering - ERU**  
2013– currently
- رئيس لجنة المراجعة الداخلية بوحدة ضمان الجودة بكلية الهندسة بالجامعة المصرية الروسية  
**President of the internal evaluation committee – Quality assurance unit- Faculty of Engineering - ERU**  
2014-2016
- عضو لجنة متابعة الخريجين بكلية الهندسة بالجامعة المصرية الروسية  
**Member of the Alumni committee - Faculty of Engineering - ERU**  
currently
- **Jury member at "Mawheba ( scientific research branch)" ,**  
Saudi Arabia 2010/2011 & 2011/2012.
- **Committee member** for choosing post graduate students  
Qassim University 2010/2011 & 2011/2012.
- **Quality committee member** for math. Department  
Qassim University 2010/2011 & 2011/2012.
- **Sharing in various activities & events**  
Qassim University Sept.2010 – Sept. 2012.
  - Supervision during exams
  - Academic guidance
  - National day celebration
  - Cultural trips
  - Graduation festivities
- **Designing math. booklets**
- **Preparing and leading training workshops for teachers** in the following fields :
  - Governmental syllabus of mathematics.
  - Classroom management.
  - Effective teaching.
- **Designing sheets.**

## 7. Personal Skills

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Computer Skills	Self Assessment		
	Excellent	Good	Fair

• Microsoft word	√		
• Microsoft excel		√	
• Microsoft Power point	√		
<b>Language Skills</b>	<b>Self Assessment</b>		
	<b>Excellent</b>	<b>Good</b>	<b>Fair</b>
English	√		
Arabic		√	
French			√

## 8. Scientific Activities

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### a. Publication:

- The Inverted Linear Exponential Distribution As A Life Time Distribution. The Egyptian Statistical Journal. Vol.50,No. 1, 2006
- Recurrence Relations for Single and Double Moments of GOS from the Inverted Linear Exponential Distribution and Any Continuous Function. Journal of Probability and Statistical Science. 7(2) ,127-137, Aug. 2009. USA
- Recurrence Relations For Moments Of GOS Form Marshall-Olkin-Extended Burr XII Distribution. International Journal of Mathematics and Computation, 8 (S10), 127-136 (2010).
- Recurrence Relations For Single And Product Moments Of Lower Generalized Order Statistics From A General Form Of Distributions And Its Characterizations”, Published In: International Journal of Pure and Applied Mathematics , Volume 87 No.(2) 2013, 229-247. ISSN: 1311-8080 (printed version) : ISSN: 1314-3395(on-line version). url:<http://www.ijpam.eu>, doi:<http://dx.doi.org/10.12732/ijpam.v87i2.4>.
- Estimation and Prediction for Pareto Distribution under Type-II Progressive Hybrid Censoring Scheme”, Published In: International Journal of Computer Applications (0975 – 8887) Volume 155 – No 10, December 2016.
- Characterization of the Linear Failure Rate Distribution by General Progressively Type-II Right Censored Order Statistics”, Published In: American Journal of Theoretical and Applied Statistics 2017; 6(3): 129-140 <http://www.sciencepublishinggroup.com/j/ajtas> doi: 10.11648/j.ajtas.20170603.11. ISSN: 2326-8999 (Print); ISSN: 2326-9006 (Online)
- Characterization of the generalized Pareto distribution by general progressively Type-II right censored order statistics”, Published In: Journal of the Egyptian Mathematical Society 25(2017)369-374

<http://www.elsevier.com/locate/joems>

- Recurrence Relations of Moments of the Extended Power Lindley Distribution Based on General Progressively Type-II Right Censored Order Statistics and Characterization”, Published In :Bulletin Of Mathematics And Statistics Research, ISSN 2348-0580, Vol.5.Issue.4.2017 (Oct-Dec) ©KY PUBLICATIONS
- Characterization For Gompertz Distribution Based On General Progressively Type-II Right Censored Order Statistics ”, Published In: International Journal of Advanced Statistics and Probability, 5 (1) (2017) 52-56  
<http://www.sciencepubco.com/index.php/IJASP>
- Characterization For Generalized Power Function Distribution Using Recurrence Relations Based On General Progressively Type-II Right Censored Order Statistics”, Published In: Journal of Statistics Applications & Probability Letters. An International Journal. J. Stat. Appl. Pro. Lett. 5, No. 1, 7-12 (2018).
- Characterization For Marshall-Olkin Extended Burr Xii Distribution Based On General Progressively Type-Ii Right Censored Order Statistics  
Al Azhar Bulletin of Science Vol. 9th., Conf., March 2017, p. 25-37
- Recurrence Relations of Moments of the Kumaraswamy Pareto Distribution Based on General Progressively Type-II Right Censored Order Statistics and Characterization”, Published In: Far East Journal of Theoretical Statistics ©2017 Pushpa Publishing House, Allahabad, India  
<http://www.pphmj.com>  
<http://dx.doi.org/10.17654/TS053060313>  
Volume 53, Number 6, 2017, Pages 313-331 ISSN: 0972-0863
- Recurrence Relations For Single And Product Moments For The Extension Of Exponential Distribution Based On General Progressively Type-II Right Censored Order Statistics And Characterization  
Published in Journal of Probability and Statistical Science, 16(1), 117-130, Feb. 2018. ISSN 1726-3328.
- “Recurrence Relations For Single And Product Moments For The Extension Of Exponential Distribution Based On General Progressively Type-II Right Censored Order Statistics And Characterization”, Published In : Journal of Probability and Statistical Science 16(1), 117-130, Feb. 2018. ISSN 1726-3328.
- “Parametric Inference for Step-Stress Accelerated Life Testing From Rayleigh Distribution Under Ordered Ranked Set Sampling”, Published In : IEEE Transactions On Reliability.  
<https://ieeexplore.ieee.org>.  
Digital Object Identifier 10.1109/TR.2020.2999392.
- “Accelerated Life Tests under Pareto-IV Lifetime Distribution: Real Data

Application and Simulation Study”, Published In :Mathematics 2020, 8, 1786; doi:10.3390/math8101786.

- “The Weibull Generalized Exponential Distribution with Censored Sample: Estimation and Application on Real Data”, Published In :Hindawi, Complexity. Volume 2021, Article ID 6653534, 15 pages. <https://doi.org/10.1155/2021/6653534>.
- “A New Class of Heavy-Tailed Distributions: Modeling and Simulating Actuarial Measures”, Published In : Hindawi, Complexity. Volume 2021, Article ID 5580228, 18 pages. <https://doi.org/10.1155/2021/5580228>.
- “New generalized-X family: Modeling the reliability engineering applications”, Published In :PLoS ONE 16(3): e0248312. <https://doi.org/10.1371/journal.pone.0248312>
- “Statistical modelling for Bladder cancer disease using the NLT-W distribution”, Published In : AIMS Mathematics, 6(9): 9262–9276. DOI:10.3934/math.2021538.
- “Characterization for Generalized Exponential Distribution”, Published In: Mathematical Sciences Letters. Math. Sci. Lett. 10, No. 1, 15-21 (2021). <http://dx.doi.org/10.18576/msl/100103>
- "E-Bayesian estimation for the parameters and hazard function of Gompertz distribution based on progressively type-II right censoring with application", Published In: Quality and Reliability Engineering International, Wiley Online Library, 20 February 2023 <https://doi.org/10.1002/qre.3292>

**b. Supervision:**

Degree	Thesis Title	Researcher Name	Start Date	Approval Date
PhD	Statistical Inference And Characterizations For Some Statistical Distributions Based On	Ali M. Shaarawy	10-2015	2-2018

	General Progressively Type –II Right Censored Samples			
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**c. Conferences:**

<b>Conferences</b>	<b>Professional Conference Organizer</b>	<b>Keynote Speaker</b>	<b>Presenter</b>	<b>Attendee</b>	<b>Organizer</b>
<b>Zagzig univ. international conference for order statistics</b>	<b>Zagzig univ. faculty of science</b>	<b>Prof. Nagaraja</b>			<b>Zagzig university</b>

**d. Future work plan:**

**Future work will be concerned with introducing new probability distributions as lifetime distributions. Parametric inference for different types of accelerated life tests, different methods of progressive censored sampling and E-Bayesian estimation.**

**9. Trainings & Workshops**

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- IEEE Authorship and Open Access Symposium: Tips and Best Practices to Get Published from IEEE Editors  
IEEE  
2022
- Program self-study preparation.  
Centre of Quality at Al-Azhar University  
2021
- Skills for effective presentation.  
Centre of Quality at Al-Azhar University  
2021
- Exams and students evaluation.  
Centre of Quality at Al-Azhar University  
2021
- Course maps and course specification.  
Centre of Quality at Al-Azhar University  
2021



- How to teach via Moodle.  
Centre of Quality at the Egyptian Russian University  
2021
- Strategic Planning.  
Centre of Quality at the Egyptian Russian University  
2021
- E-learning and teaching on line.  
Centre of Quality at the Egyptian Russian University  
2020
- Content of research paper and international publishing.  
Centre of Quality at the Egyptian Russian University  
2019
- Academic advising.  
Centre of Quality at the Egyptian Russian University  
2018
- Informing the concepts and elements of academic program quality.  
Centre of Quality at the Egyptian Russian University  
2018
- Technicalities of internal evaluation.  
Centre of Quality at the Egyptian Russian University  
2017
- Code of ethics for scientific research and international publication.  
Centre of Quality at the Egyptian Russian University  
2017
- Self evaluation for the faculties and institutions of higher education.  
National Authority for Quality Assurance and Accreditation of Education  
2017
- Program specification and report and evaluation of intended learning  
outcomes for the faculties and institutions of higher education.  
National Authority for Quality Assurance and Accreditation of Education  
2017
- SPSS  
2012 Qassim University
- Conducting Exam paper  
2011 Qassim university

- ICDL  
June 2010 Ministry of communications
- Active learning  
June 2009 Ministry of education
- Classroom Management  
September 2007 CDC academy
- Child and adolescent development (a study of human development from birth to 18)  
September 2007 CDC academy
- Designing affective activities workshop  
September 2007 CDC academy
- Classroom management  
March 2005 British council
- Visual basic with a letter grade ( A )  
Jan/April 1997 AUC
- Dos and Windows with a letter grade ( A )  
August 1995 AUC
- A course of instruction in English language  
July 1985 Irwin Academy, Leicester, England

*I certify that the information provided in this curriculum vitae is accurate.*

<b>Name</b>	<b>Dr. Marwa Mostafa</b>	<b>Signature</b>	<b>Dr. Marwa</b>	<b>Date</b>	4/2023
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