Dr. Mahmoud Ebrahim Mohammad Bakr

- *Assistant Professor of Mathematical Statistics, Giza higher institute for Engineering and Technology.*
- *E-mail: mah8800@hotmail.com*
- *Tel : +201113540054.*

Personal Information

- *Nationality: Egyptian.*
- *Date of Birth: 15 December 1987.*
- *Marital Status: Married.*
- *Home Address: El-kanater El-khairia, Alqulubia, Egypt.*

Qualifications

- *B.Sc. (Mathematics): Very good degree, [2010] Al-Azhar University.*
- *Postgraduate (Statistics): (1/10/2010 - 1/7/2011 Al-Azhar University).*
- *Master degree (Statistics): (1/3/2012- 15/12/2014) (Study of some Properties of Ageing Notions in Reliability Theory).*
- *Ph. D. degree (Statistics): (1/10/2015- 20/9/2018) (On Reliability Properties of Some New Classes of Life Distribution).*

Languages

- *Arabic and English: Very good writing, reading & speaking.*

Jobs

(Marg Higher Institute for Engineering –Department of Basic Science)

- *Demonstrator, Department of Mathematics, faculty of Science Al-Azhar University: 2011/2012.*
- *Demonstrator, Department of Basic Sciences, Thebes Higher Institute for Engineering: 2012/2014.*
- *Demonstrator of Mathematics, Faculty of Engineering Science, Sinai University: 2014/2015.*
- *Assistant Lecturer, Department of Basic Science, Marg Higher Institute for Engineering and Modern Technology: 2015-2018 (Part time).*
- *Lecturer, Department of Basic Science, Giza Higher Institute for Engineering: (2018 - till now).*

Experiences

- *Computer Skills: Some experiences with different, Work systems: Windows, Office (Word, Excel, Power point), some internet abilities.*
- *Computer programs: Mathematica & Maple and scientific programs (Scientific workplace and Latex).*

Teaching skills

Five years or more experience in teaching some mathematical and statistical problems (Probability and Statistics – Operation research – Calculus – Advanced calculus – Differential equations – Geometry – Algebra).

Research interests

- *Classes of life distribution, Non-Parametric testing and Estimation Theory.*

Conferences

1. *1st International Conference on New Horizons in Basic and Applied Science, 21-23 September 2013, Hurghada, Egypt.*

2. *4th International Conference in Mathematics and Information Science (ICMIS), January 2015, Zewail-city, Cairo, Egypt.*
3. *9th International Conference for Basic Sciences, March 2017, Al-Azhar Conference Center (aacc), Nasr City, Cairo.*

List of publications

1. **Abu-Youssef S. E. and Bakr M.E. (2014): Some properties of UBACT class of life distribution.** *Journal of Advanced Research in Applied Mathematics. pp. 1-9.*

2. **Abu-Youssef S. E., Mohammed B. I. and Bakr M.E. (2014): Nonparametric test for unknown age class of life distributions.** *International Journal of Reliability and Applications. Vol. 15, No. 2, pp. 99-110.*

3. **Abu-Youssef S. E. and Bakr M.E. (2014): A Goodness of Fit Approach to the unknown age (UBACT) Class of Life Distribution.** *International Journal of Computer Applications. Vol. 103, No. 1, pp. (0975 – 8887).*

4. **Abu-Youssef S. E., Mohammed B. I. and Bakr M.E. (2014): Nonparametric Test for UBACT Class of Life Distribution Based on U-Statistic.** *Journal of Advances in Mathematic, (2015), P. 402-411.*

5. **Abu-Youssef S. E. and Bakr M.E. (2018): Laplace Transform Order for Unknown Age Class of Life Distribution.** *J. Stat. Appl. Pro. 7, No. 1, 1-10 (2018).*

6. **Abu-Youssef S. E., Hagag M. Y. and Bakr M.E. (2016): Some Properties of Classes of Life Distributions at Specific Age.** *Submitted.*

7. **Abu-Youssef S. E., Nahed S. A. Ali and Bakr M.E. (2018): Non Parametric Testing for Unknown age class of life distribution (UBAL).** *Journal of Testing and Evaluation (ISI Journal).*

8. **Abu-Youssef S. E., Nahed S. A. Ali and Bakr M.E. (2017): Used Better than Aged in mgf Ordering class of life distribution with Hypothesis testing.** *Submitted.*

9. **Abu-Youssef S. E., Nahed S. A. Ali and Bakr M.E. (2017): Hypothesis Testing for UBAL class of life distribution based on Laplace transform technique.** *Submitted.*

10. **Abu-Youssef S. E., Nahed S. A. Ali and Bakr M.E. (2018): A new test for unknown age class of life distribution based Laplace transform technique.** *International Journal of Computer Applications.*

11. **Bakr M.E. (2017): Non Parametric Testing for Unknown age class of life distribution.** *Submitted.*