Shimaa Adly Abdelrahman Sayed

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Contact Information

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Education

September 2009 – September 2014	M.Sc. of Engineering (Electronics and Communications Program of Electrical Engineering Department), Faculty of Engineering, Assiut University, Egypt. Thesis title "Prediction of Gene Locations in DNA Using Digital Signal Processing Techniques".
September 2004 – June 2008	B.Sc. of Engineering (Electronics and Communications Program of Electrical Engineering Department), Faculty of Engineering, Assiut University, Egypt. Graduation project title "Cellular phone Jamming".

Language

Arabic (Mother Tongue) & English (Very Good).

Positions

- **Assistant Lecturer** at Electronics and Communications Program of Electrical Engineering Department, Faculty of Engineering, Assiut University, Assiut, Egypt (2014-2020).
- **Demonstrator** at Electronics and Communications Program of Electrical Engineering Department, Faculty of Engineering, Assiut University, Assiut, Egypt (2010 -2014).
- **Communication Engineer** at Management Information System (MIS), Assiut University, Assiut, Egypt. (2008 – 2010).

Publications

- M. Abo-Zahhad, S. M. Ahmed and **S. A. Abd-Elrahman**, "Genomic Analysis and Classification of Exon and Intron Sequences Using DNA Numerical Mapping Techniques," I.J. Information Technology and Computer Science, vol. 4, no. 8, pp. 22-36, July 2012.
- M. Abo-Zahhad, S. M. Ahmed and **S. A. Abd-Elrahman**, " A New Numerical Mapping Technique for Recognition of Exons and Introns in DNA Sequences", The 30th National Radio Science Conference, NTI, Cairo, Egypt, 16th - 18th April 2013, pp. 573-580.
- M. Abo-Zahhad, S. M. Ahmed and **S. A. Abd-Elrahman** , "A Novel Circular Mapping Technique for Spectral Classification of Exons and Introns in Human DNA Sequences" I.J. Information Technology and Computer Science, vol. 6, no. 4, pp. 19-29, March 2014.
- M. Abo-Zahhad, S. M. Ahmed and **S. A. Abd-Elrahman** , "Integrated Model of DNA Sequence Numerical Representation and Artificial Neural Network for Human Donor and Acceptor Sites Prediction" I. J. Information Technology and Computer Science,vol. 6, no. 8, pp. 51-57, 2014.