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Education.....

- Ph. D. Electrical communication and electronics engineering dept., Faculty of Engineering, Ain Shams Univ. Cairo, Egypt, 2006.
Thesis title : " Modeling of electrical overstress effects in silicon over insulator devices"
- M. SC. Electrical communication and electronics dept. engineering, Faculty of Engineering, Ain Shams Univ. Cairo, Egypt, 1998.
Thesis title : " MOS device characterization at low temperatures"
- B. SC. Electrical communication and electronics dept. engineering, Faculty of Engineering, Ain Shams Univ. Cairo, Egypt, 1989.

Professional Experience.....

1. [Apr. 2018 till now] Prof. and head of Information Technology dept., Computers and Information Faculty, Menofia University, Shebin Elkom 32511, Egypt.
2. [Sept. 2015 till Apr. 2018] Head of Information Technology dept., Computers and Information Faculty, Menofia University, Shebin Elkom 32511, Egypt.
3. [Feb. 2012 till Aug. 2015] Head of Biomedical Engineering Dept., Higher technological institute, Tenth of Ramadan city, Egypt
4.

On-job Training courses.....

1. Thinking skills, Menofia University training center, 2 days, 2017.
2. Ethics of Scientific Research, Menofia University training center, 2 days, 2017.
3. Lifelong learning, Menofia University training center, 2 days, 2017.
4. Use of technology in teaching, Menofia University training center, 2 days, 2017.
5. Credit hours, Menofia University training center, 2 days, 2017.
6. Use of global databases, Menofia University training center, 2 days, 2017.
7. Behaviors of Profession, Menofia University training center, 3 days, 2012.

8. Organization of Scientific conferences, Menofia University training center, 3 days, 2012.
9. Scientific publishing, Menofia University training center, 3 days, 2012.
10. Education quality metrics, Menofia University training center, 3 days, 2012.
11. Legal and financial aspects of university works, Menofia University training center, 3 days, 2012.
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Funded graduate and research projects.....

1. 2009/2010 - (LE 10,000)ABGAD: An Arabic Optical Character Recognition Application for Mobile phones { Funded by Information Technology Industry Development Agency - ITIDA, Ministry of Communications and Information Technology - MCIT}
2. 2011/2012 - (LE 20,000) "Automatic processing for images of ancient manuscripts", Research project funded by Menofia University for one year.

List of Publications (total about 30 papers).....

Journal papers

1. Amin, K. M., Shahin, A. I., & Guo, Y. (2016). A novel breast tumor classification algorithm using neutrosophic score features. J. Measurement, 81, 210-220. [{Link}](#)
2. Shahin, A. I., Guo, Y., Amin, K. M., & Sharawi, A. A. (2017). White blood cells identification system based on convolutional deep neural learning networks. Computer methods and programs in biomedicine. [{Link}](#)
3. Shahin, A. I., Guo, Y., Amin, K. M., & Sharawi, A. A. (2018). A novel white blood cells segmentation algorithm based on adaptive neutrosophic similarity score. Health information science and systems, 6(1), 1. [{Link}](#)
4.

Book Chapters

1. Fouad M.M., Amin K.M., El-Bendary N., Hassanien A.E. (2015) Brain Computer Interface: A Review. Brain-Computer Interfaces. Intelligent Systems Reference Library, vol 74. Springer. [{Link}](#)

Conference papers

1. Amin, K.M.; Abdel-massieh, N.H. and Hadhoud, M.M: "A novel fully automatic technique for liver tumor segmentation from CT scans with knowledge-based constraints", 10th Int. Conf. on Intelligent Systems Design and Applications , pp. 1253 – 1258, Dec. 2010, Egypt.
2. Amin, K.M.; Mohsen, F.M.A. and Hadhoud, M.M.: "Particle swarm optimization method for very low bit rate segmented image compression", Int. Conf. on Computer Engineering and Systems , pp. 15 – 20, Dec. 2010, Egypt.
3. A. Afifi, Khalid M. Amin, An Efficient System for Melanoma Diagnosis in Dermoscopic Images, 12th Int. conf. on Computer Engineering and Systems, 2017, Cairo. [{Link}](#)
4. Ahmed F. Gad, Ahmed M. Hammad, Khalid M. Amin, Crowd Density Estimation Using Multiple Features Categories and Multiple Regression Models, 12th Int. conf. on Computer Engineering and Systems, 2017, Cairo. [{Link}](#)