Ahmed Sayed Salem Elsherbeny
A s s i s t a n t   L e c t u r e r
Menoufia University, Faculty of Electronic Engineering
Department of Industrial Electronics and Control Engineering
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Education:

Ph.D: Ph.D. student in Department of Industrial Electronics and Control Engineering, Faculty of Electronic Engineering, Menoufia University, EGYPT.

MSc: M.Sc. degree in computer science and engineering. Department of Industrial Electronics and Control Engineering, Faculty of Electronic Engineering, Menoufia University, EGYPT.

Title: « Electro-oculogram Based Human Machine Interface Control System ».

BSc: B.Sc degree in Electronic Engineering (May 2006) specialization Industrial Electronics and Control Engineering. General grade Excellent with Honor Degree (86.25%). Dept. of Industrial Electronics and Control Engineering, Faculty of Electronic Engineering, Menoufia University, EGYPT.

Current Position:

2015-Now: Assistant Lecturer in the Dept of Industrial Electronics and Control Engineering, Faculty of Electronic Engineering, Menoufia University, Egypt.

Previous Work Experiences

OCT 2006 – NOV 2006:   Demonstrator in High Institute of Engineering In El-Arish.

NOV 2006 – JUN 2007:   Demonstrator in Sinai University.

JUN 2007:   Demonstrator in the Department of Industrial Electronics and Control Engineering – Faculty of Electronic Engineering – Menoufiya University – Egypt.

JULY 2010:   Assistant Lecturer in the Department of Industrial Electronics and Control Engineering – Faculty of Electronic Engineering – Menoufiya University – Egypt.

Research Interest:

- Medical Electronics,
- Biomedical Signal Processing,

- Biomedical image Processing,
- Classic and modern control systems

Publications:
- Fkirin M. A., Badawi S. M. , and A.S.El-Sherbeny "Driving a DC Motor by Numerically Manipulated Eye Signal Captured by EOG", The Online Journal on Electronics and Electrical Engineering (OJEEE), no. 2 , app. 170-173, 2009.
- A. S. El-Sherbeny, S. Badawy, "Eye computer interface (ECI) and human machine interface applications to help handicapped persons", Refereed, Accepted, and Presented in The 2012 World Congress on Electronics and Electrical Engineering [WCEEENG'12], Cairo, Egypt, Dec. 23 – 27, 2012. Published in the Online Journal on Electronics and Electrical Engineering (OJEEE), ISSN (2090-0279), Vol. (5), No. (2), pp. 549 –553
- S. Badawy, A. S. El-Sherbeny, El Saadany A, M. A. Fkirin, "Retinal Blood Vessel Image Segmentation Using Rotating Filtration to Help in Early Diagnosis and Management Diabetic Retinopathy", Published in: The 30th National Radio Science Conference [NRSC 2013], 16th – 18th April 2013 – NTI, Cairo, Egypt, P-ISBN: 978-1-4673-6219-1, pp. 542 – 548, DOI: 10.1109/NRSC.2013.6587961, ©2013 IEEE
- M.A.Fkirin, S.Badawy, El saadany A, and A. S. El-Sherbeny, "Early Detection of Diabetic Retinopathy in Fundus Images Using Image Filtration". International Journal of Scientific & Engineering Research, ISSN: 2229-5518, Volume (5), Issue (1), pp. 560-564, Jan. 2014.

Conferences Attended:
- The North Africa and Middle East Science centers network, NAMES, November 2,3 , 2008, Alexandrina, Egypt.
- World Congress on Electronics and Electrical Engineering, WCEEENG'09 April 6-9, 2009, Cairo, Egypt.
- The 27th National Radio Science Conference, NRSC, March 16-18, 2010, Menu, Egypt.
- MSA's First International Communication Engineering Conference, November 1,2, 2010, Cairo, Egypt.

Training And Workshops Attended:
- The International Computer Driving License (ICDL), Syllabus Version 4.0, Jan 21, 2009.
- Developing local talent in technology Cisco Training event, Dec 12-16, 2010, Cairo, Egypt.

Academic Teaching Experience:
- Industrial and Power Electronics.

- Electrical Power and Machines.
- Medical electronics.
- Medical Equipments.
- Biomedical Laboratory.
- Microcontroller.
- Analogue and Digital Electronics.
- Electrical Simulation Program.
- Programming Languages (LabVIEW – MatLab).
- ICDL.