Nahla E. Zakzouk, Ph.D.

Assistant Professor

SUMMARY

Nahla E. Zazkouk is an assistant professor at the department of Electrical and Control Engineering. She has received her Ph.D. in Electronic and Electrical Engineering from University of Strathclyde, UK; where her research work included photovoltaic system design and control. Currently, her research interests are mainly involved with renewable energy applications and control, power electronics and power quality issues.

EDUCATION

2011 – 2015 Department of Electronic and Electrical Engineering, Faculty of Engineering University of Strathclyde.
Ph. D. Electronic and Electrical Engineering

2007 – 2009 Department of Electrical and Control Engineering, College of Engineering and Tech., Arab Academy for Science and Technology.
M. Sc. Electrical and Control Engineering

2002 – 2007 Department of Electrical and Control Engineering, College of Engineering and Tech., Arab Academy for Science and Technology.
B. Sc. Electrical and Control Engineering

PROFESSIONAL EXPERIENCE

Sept. 2015 – Till now Department of Electrical and Control Engineering, College of Eng. and Tech., Arab Academy for Science, Technology and Maritime Transport.
Assistant Professor.

Sept. 2009 – Sept. 2015 Department of Electrical and Control Engineering, College of Eng. and Tech., Arab Academy for Science, Technology and Maritime Transport.
Assistant Lecturer.

Sept. 2007 – Sept. 2009 Department of Electrical and Control Engineering, College of Eng. and Tech., Arab Academy for Science, Technology and Maritime Transport.
Teaching Assistant.

AWARDS, SCHOLARSHIPS & ACADEMIC RECOGNITION

Awarded ‘’ Best Presented Paper” in IECON 2013, Vienna, Austria

TECHNICAL EXPERIENCE

- Delivering academic courses since 2007.
- Development of course material for undergraduate courses.
- Updating and maintaining the quality assurance, and administration work within the department.
- Academic advising for undergraduate students.

SELECTED PUBLICATIONS, TECHNICAL REPORTS & PRESENTATIONS

- **N.E. Zakzouk**, A.K. Abdelsalam, A.A. Helal and B. W. Williams, "DC-link Voltage Sensorless Control Technique for Single-phase Two-stage Photovoltaic Grid-connected System'', in Proc. IEEE International Energy Conference (ENERGYCON), 2014, pp. 58 -64.
- **N.E. Zakzouk**, A.K. Abdelsalam, A.A. Helal and B. W. Williams, "Modified Variable step Incremental Conductance Maximum Power Point Tracking Technique for Photovoltaic Systems'', in Proc. IEEE Industrial Electronics Society Conference, IECON 2013, pp. 1741 – 1748.
- A. Abdelsalam, Ahmed Helal, **Nahla Zakzouk** and B.W.Williams, "PV Maximum Power Point Tracking under Rapidly Changing Irradiance: Control Scheme Investigation " in Proc. International Renewable Energy Congress (IREC), 2012.

PROFESSIONAL DEVELOPMENT

- Presentation Skills session , 26-27 November, 2014, AASTMT, Alexandria, Egypt