

ABET Curriculum Vitae of:
Mohamed Eladawy Khalil ELADAWY

DEGREE	DISCIPLINE	INSTITUTION	YEAR
Ph. D.	Electrical power and machines	Poitiers University	2011
M. Sc.	Electrical power and machines	Mansoura University	2003
B. Sc.	Electrical power and machines	Mansoura University	1997

Academic Rank: Associate Professor

Academic Experience:

Institution: Shaqra University

Rank: Associate Professor

Title:

Dates: January 2019 – present

Full Time or Part Time: Full Time

Institution: The High Inst. of Engineering & Technology in Mansoura

Rank: Assistant Professor (up to 2018) and Associate Professor

Title: (Head of Communication and Electronic Department)

Dates: 2016-2019

Full Time or Part Time: Full Time

Institution: Mansoura University-Egypt

Rank: Assistant Professor

Title: High-Voltage Laboratory Supervisor, and General Director of Mansoura University Press.

Dates: 2013 – 2016

Full Time or Part Time: Full Time.

Institution: Mansoura University-Egypt

Rank: Assistant Professor

Title: High-Voltage Laboratory Supervisor, Vice-Vice-Dean for Community Service & Environment Development Affairs (for Faculty), and Manager of Crisis and Disaster Unit (for Faculty).

Dates: 2011 – 2013

Full Time or Part Time: Full Time

Institution: Poitiers University-France

Rank: Researcher

Title: Ph. D Full Scholarship to FRANCE

Dates: 2007 – 2011

Full Time or Part Time: Full Time

Institution: Mansoura University-Egypt

Rank: Lecturer

Title:

Dates: 2003 – 2007

Full Time or Part Time: Full Time

Institution: Mansoura University-Egypt

Rank: Demonstrator

Title:

Dates: 1997 – 2003

Full Time or Part Time: Full Time

Certifications or Professional Registrations:

Membership in Professional Organizations:

Member of the Egyptian Engineers' Syndicate.

Member of the Scientific Body at the Faculty of Engineering, Mansoura University

Member of the Scientific Body at the Institute P', UPR3346, CNRS, ENSMA, University of Poitiers, France.

Member of IEEE Society.

Honors and Awards:

Service Activities:

Principal Publications and Presentations of the Last Five Years:

- [1]. **Mohamed EL-Adawy**, Magdi Saadawi and Mohamed S. Abdel-Aziz, "Applying OctaveFEMM Method to Simulate Electric Field and Potential Distribution of Medium Voltage Cable Joints," 17th International Middle East Power System Conference MEPCON, 15-17 December, **2015. MEPCON.**
- [2]. **Mohamed EL-Adawy**, Magdi Saadawi and Mohamed S. Abdel-Aziz, "Applying OctaveFEMM Method to Simulate Electric Field and Potential Distribution of Medium Voltage Cable Joints," 17th International Middle East Power System Conference MEPCON, 15-17 December, **2015. MEPCON.**
- [3]. **Mohamed EL-Adawy**, Kamal Shebl and Abdel-Rahman A. Mewafy, "New Multi-Objective Function Based on Generation, Losses and Voltage deviation for Optimization of DG Size and Location," 17th International Middle East Power System Conference MEPCON, 15-17 December, **2015. MEPCON.**
- [4]. **Mohamed EL-Adawy**, Magdi Saadawi and Mohamed S. Abdel-Aziz, "Applying OctaveFEMM Method to Simulate Electric Field and Potential Distribution of Medium Voltage Cable Joints," Mansoura Engineering Journal, vol. 41, no. 1, Part II, March 2016: 17th International Middle East Power System Conference (MEPCON), pp. 1-9, **2016. MEJ.**
- [5]. **Mohamed EL-Adawy**, Kamal Shebl and Abdel-Rahman A. Mewafy, "New Multi-Objective Function Based on Generation, Losses and Voltage deviation for Optimization of DG Size and Location," Mansoura Engineering Journal, vol. 41, no. 1, Part II, March 2016: 17th International Middle East Power System Conference (MEPCON), pp. 30-40, **2016. MEJ.**
- [6]. Ibrahim A. Metwally, **Mohamed Eladawy** and E. A. Feilat, "Online Condition Monitoring of Surge Arresters Based on Third-Harmonic Analysis of Leakage Current," IEEE Trans. Dielectrics and Electrical Insulation, vol. 24, no. 4, pp. 2274 – 2281, **2016. IEEE.**
- [7]. **Mohamed Eladawy**, "Dynamic Derating of Three-Phase Underground Power Cable under Current Harmonic Distortion," 19th International Middle East Power System Conference MEPCON, 19-21 December, **2017. MEPCON.**
- [8]. **Mohamed Eladawy**, Sahar S. Kaddah and Abdel-Rahman A. Mewafy, "A multistage voltage and power flow control of distribution systems in the presence of DGs," JEE (Journal of Electrical Engineering), vol. 18, no. 1, Article 18.1.29, **2018. JEE.**
- [9]. **M. Eladawy**, and I. A. Metwally, "Design and Performance Analysis of Single-Phase Pre-saturated Core Fault Current Limiters," IEEE Trans. Power Delivery, vol. 33, no. 6, **2018. IEEE.**
- [10]. **M. Eladawy**, and I. A. Metwally, "A Novel Five-Leg Design for Performance Improvement of Three-Phase Presaturated Core Fault Current Limiter," IEEE Trans. Magnetics, vol. 54, no. 7, pp. 1-10, **2018. IEEE.**
- [11]. **M. Eladawy**, and I. A. Metwally, "Electromagnetic Heating Effects in Power Distribution Cables under Different Operating Conditions," The Journal of Engineering Research (TJER), vol. 15, no. 2, pp. 163-174, **2018. TJER**
- [12]. **M. Eladawy**, Naser J. Tarhuni, and I. A. Metwally, "Transient dynamic analyses of presaturated core fault current limiters through flux and inductance versus current modelling," IET Electric Power Applications, Accepted for Publication, **2019. IET.**