



CURRICULUM VITAE



Nagy I. Elkalashy

Electrical Engineering Department,
Faculty of Engineering, Shebin El-Kom,
Minoufiya University, Minoufiya, Egypt

• *Personal Information*

- Date of Birth: 04/08/1974
- Nationality: Egyptian
- Marital Status: Married, (2 children)
- Religion : Muslim
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• *Current Occupation*

- Lecturer, Electrical Engineering Department, Faculty of Engineering, Minoufiya University.

• *Education and Academic Degrees*

- Degree: Lecturer.
- Year: April 2008
- Faculty: Faculty of Engineering, Shebin El-Kom
- University: Minoufiya University

- Degree: Doctor of Science in Technology (DSc. Tech.)
- Year: Dec. 2007
- Department: Electrical and Communications Engineering
- University: Helsinki University of Technology (Aalto University now), Espoo, Finland
- Thesis Title: "Modeling and Detection of High Impedance Arcing Faults in Medium Voltage networks"
<http://lib.tkk.fi/Diss/2007/isbn9789512290154/>

- Degree: M.Sc., Electrical Engineering
- Year: May 2002
- Faculty: Faculty of Engineering
- University: Minoufiya University
- Thesis Title: "Circuit Breakers Performance for AC and DC Applications"

- Degree: B.Sc. in Electrical Engineering
- Year: May 1997 (Excellent with First Class Honours)
- Faculty: Faculty of Engineering
- University: Minoufiya University

• *Language & Computer Skills*

- English: Very Good (Reading/writing/speaking).
- Digital Signal Processing Board for Protection Applications.
- MATLAB
- ICDL Certificate.

- **Teaching and Research Topics**

- Power System Protection
- Earth Fault Detection and Selectivity for Unearthed/Compensated Networks .
- Fault Location for EHV and MV networks .
- Switchgear Technology
- High Voltage Engineering

- **Research Projects**

- None.

- **Recent Publications**

1. N. F. Sherbilla, T. A. Kawady, **N. I. Elkalashy** and A-M. I. Taalab “Modified Setting of Overcurrent Protection for Distribution Feeders with Distributed Generation” IET Renewable Power Generation conference, RPG2011, 5-08 September 2011, Edinburgh, UK.
2. **N. I. Elkalashy**, T. A. Kawady and N. M. Mansour “Aspects of Phasor Angle Measurement for Wind Farm Protection Applications” International Conference on Power System Transients, IPST2011, 14-17 June 2011, Delft, The Netherland.
3. M. A. Omidiora, **N. I. Elkalashy**, P. Hyvönen, M. Lehtonen and M. H. Abdel-Rahman “Investigation of Lightning Arc between Conductor and nearby Tree under Artificial Rainfall” *IEEE Transactions on Dielectric and Electric Insulation*, Vol. 18, No. 2, pp. 620-630, 2011.
4. M. Isa, **N. I. Elkalashy**, N. Tarhuni, G. M. Hashmi and M. Lehtonen “Experimental Evaluation of Rogowski Coil Performance for Locating PD in Energized Overhead Covered-Conductor Feeder” International Middle East Power System Conference, *MEPCON2010*, 19-21 Dec. 2010, Egypt.
5. **N. I. Elkalashy**, A. M. Elhaffar, T. A. Kawady, N. G. Tarhuni and M. Lehtonen “Bayesian Selectivity Technique for Earth Fault Protection in Medium Voltage Networks” *IEEE Transactions on Power Delivery*, vol. 25, no. 4, pp. 2234-2245, Oct. 2010.

- **Additional Data**

- Reviewer for the following journals: IEEE Transactions on Power Delivery, The Institution of Engineering and Technology (IET), Generation, Transmission & Distribution, The International Journal for Computation and Mathematics in Electrical and Electronic Engineering, and Electric Power Components and Systems.