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| Name | Dr. Hany Ahmed Abdelsalam, Associate Professor |
| Photo |  |
| Degree | Associate Professor of Electrical Power Engineering |
| Department | Electrical Engineering Department |
| General Specialization | Electrical Power Engineering |
| Specialization | Power System Control and Analysis |
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| Qualifications | PhD. in "Electrical and Computer Engineering " (Southern Illinois University, USA, May 2011) |
| | MSc. in "Electrical Power and Machines Engineering" (Mansoura University, December1999) |
| | BSc. in " Electrical Power and Machines Engineering" (Tanta University, June 1995) |
| Research interests | Secure and resilient operation of distribution system, Integration of renewable energy in power systems, power system situational awareness, distribution grid optimization and resiliency, power system control, power system security assessment, real-time tuning and control of power system, power quality. |
| Recent Publications | <ol style="list-style-type: none"> 1. Oleg V. Sivov, Hany A. Abdelsalam and Elham B. Makram, "Adaptive Setting of Distance Relay for MOV-Protected Series Compensated Line Considering Wind Power", Electric Power Systems Research Journal, Elsevier, vol 137, pp. 142-154, August 2016. 2. Abdelsalam A. Ahmed and <u>Hany A. Abdelsalam</u>, "Mitigation of Transformer Energizing Inrush Current Using Grid-Connected Photovoltaic System", International Journal of Electrical Power & Energy Systems (JEPE), Elsevier, vol 79, pp. 312-321, July 2016. 3. Zhanhe Liu, Xufeng Xu, <u>Hany A Abdelsalam</u>, Elham Makram, "Power System Harmonics Study for Unbalanced Microgrid System with PV Sources and Nonlinear Loads", Journal of Power and Energy Engineering, May 2015. 4. <u>Hany A. Abdelsalam</u> and Almoataz Y. Abdelaziz, "A Brief Overview of Nanotechnology Applications in Smart Power Grid", Electric Power Components and Systems Journal, Taylor & Francis Group, Vol. 42, No. 3-4, February 2014. |
| Conferences | <ol style="list-style-type: none"> 1. <u>Hany A. Abdelsalam</u> and Ibrahim Elashry, "A Secure Method to Form Microgrids for Distribution Feeder Resiliency Improvement", 49th North American Power Symposium (NAPS2017) on Sept 17 - 19, 2017. 2. <u>Hany A. Abdelsalam</u>, Dan Suriyamongkol, and Elham B. Makram, "A TSA-Based Consideration to Design LQR Auxiliary Voltage Control of DFIG", 49th North American Power Symposium (NAPS2017) on Sept 17 - 19, 2017. 3. Sean Kantra, <u>Hany A. Abdelsalam</u> and Elham B. Makram, "Application of PMU to Detect High Impedance Fault Using Statistical Analysis", 2016 PES General Meeting, Boston, MA, USA, July 17 - 21, 2016 |

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| Position | December 2016 – present Professor (Associate) |
| Devices of Department | Advanced Control of Power System Laboratory, Electrical Machines Laboratory, DSP laboratory |
| Head of Department | Associate Prof. Dr. Abdel-Fattah Attia |
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| Undergraduate Courses | Advanced control of power systems, Power system analysis (1), Power electronics (1), Power electronics (2) |
| Postgraduate Courses | Power system dynamics and control, Power system transient analysis, Electrical power quality |