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Current Title: Assistant Professor

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FIELDS OF SPECIALIZATION

- Energy management, Integration of renewable energy systems, smart grid, electric vehicle.

DEGREES

- **Ph.D.**, Electrical engineering, Mansoura university, Mansoura, Egypt ,2017.
- **M.Sc**, Electrical engineering, Mansoura university, Mansoura, Egypt ,2011.
- **B.S.E.E.**, Electrical engineering, Mansoura university, Mansoura, Egypt, 2006.

ACADEMIC AND INDUSTRIAL POSITIONS

- 06/2019 – Current, Executive Vice Director of Mechatronics Engineering Program, Mechatronics Engineering Program (Credit Hours Program), Mansoura University.
- 01/2018 – Current, Assistant Professor, Electrical Engineering Department, Mansoura University
- 07/2011 – 11/2017, Assistant Lecturer, Electrical Engineering Department, Mansoura University.
- 12/2006 – 05/2011, Demonstrator, Electrical Engineering Department, Mansoura University.

PATENTS, PUBLICATIONS

- 1) Islam Ismael, I I Mansy, Alaa Eldeen Mahmoud “Power Quality improvement in Electrical Distribution System” Journal of Mansoura University 2010
- 2) Islam Ismael, I I Mansy, Alaa Eldeen Mahmoud “Improvement of power quality in electrical distribution systems using shunt active power filter controlled by Fuzzy logic controller” Journal of” Mansoura University 2011
- 3) Islam Ismael, M A Saeed, Sahar S Kaddah,” Sobhy m Abdelkader “Day-Ahead Real Time Pricing for Energy Management in Smart Grid” Mansoura University 2016.
- 4) Islam Ismael, Sobhy Abdelkader, Sahar Sedky Kaddah, Mohammed Saeed “Demand Response for Indirect Load Control in Smart Grid Using Novel Price Modification Algorithm” IET Renewable Power Generation Journal 13 (6), 877-886 2019.
- 5) Sayed Abulanwar, Abdelhady Ghanem, Mohammed EM Rizk, Islam Ismael “Mitigation of DC wind farm fluctuations-based battery energy storage systems” 21st International Middle East Power Systems Conference (MEPCON) 2019.
- 6) Abdelhady Ghanem, Sayed Abulanwar, Mohammed EM Rizk, Islam Ismael “Multidisciplinary control scheme-based capacitor voltage for LCL filtered grid connected converter” IEEE Conference on Power Electronics and Renewable Energy (CPERE) 2019.
- 7) Ahmed Shahin, Sayed Abulanwar, Abdelhady Ghanem, Mohammad EM Rizk, Fujin Deng, Serge Pierfederici, Islam Ismael ”Sensorless Robust Flatness-Based Control With Nonlinear Observer for Non-Ideal Parallel DC–AC Inverters” IEEE Access 2022.

