



Curriculum Vitae

1. Personal Data:

- **Name:** Riham Hosny Salem Mansour
- **Position:** Lecturer
- **Department:** Electrical Power Engineering
- **Academic E-Mail:** rhm_salem@et5.edu.eg



2. Specialization:

- **General Specialization:** Electrical Power and Machines
- **Specific Field :** power system .

3. Academic Qualifications:

- **Ph.D. Degree of Philosophy in Power and Electrical Machines** **05/2019**
Faculty of engineering, Ain Shams University
Thesis Title: Security Constrained Optimal Power Flow Using Modern Optimization Techniques
- **M.S.C Degree in Power and Electrical Machines** **06/2013**
Faculty of engineering, Ain Shams University
Thesis Title: Optimal Phasor Measurement Unit (PMU) Placement for Full Power System Observability
- **Bachelor of Power and Electrical Machines** **08/2007**
Faculty of engineering, Ain Shams University
Grade: very good

4. Publication

- “ Reham H. Salem ,Almoataz Y. Abdelaziz, and M. Ezzat Abdelrahman, “Grey-wolf Optimization Scenario for Security Constrained Optimal Power Flow Problem”, 2018 Twentieth International Middle East Power Systems Conference (MEPCON), Cairo University, Egypt
- Reham H. Salem, M. Ezzat Abdelrahman, Almoataz Y. Abdelaziz, “Bat algorithm for security constrained optimal power flow”, International Conference on Electrical, Electronics, Computers, Communication, Mechanical and Computing (EECCMC), India, 2018.
- Reham H. Salem, M. Ezzat Abdelrahman, Almoataz Y. Abdelaziz, “security constrained optimal power flow using modern optimization tools”, International Journal of Engineering, Science and Technology ,Vol. 9, No. 3, 2017, pp. 21-29.
- Almoataz Y. Abdelaziz, Amr M. Ibrahim, and Reham H. Salem, “Power system observability with minimum phasor measurement units placement”, International Journal of Engineering, Science and Technology, Vol. 5, No. 3, 2013, pp. 1-18.



- **Almoataz Y. Abdelaziz, Amr M. Ibrahim, and Reham H. Salem, “Optimal PMU Placement for Complete Observability Using Heuristic Methods”, Proceedings of the Fifteenth International Middle East Power System Conference MEPCON’12, Alexandria, Egypt, 23-25 December, 2012.**
- **Almoataz Y. Abdelaziz, Amr M. Ibrahim, and Reham H. Salem, “Optimal PMU Placement for Power System Observability”, International Journal on Power System Optimization, January-June 2011, Volume 3, No. 1, pp. 21– 25.**

5. Working Experiences

- **Lecturer** **2019:Till Now**
Higher Institute of Engineering and Technology, Fifth Settlement, New Cairo
- **Teaching Assistant** **2013:2019**
Higher Institute of Engineering and Technology, Fifth Settlement, New Cairo
- **Demonstrate** **2007:2013**
Higher Institute of Engineering and Technology, Fifth Settlement, New Cairo