1. **Name: Hatem Mohammed Seoudy**, Assistant Professor, Department of Electrical Power and Machines Engineering, Higher Institute of Engineering, Elshorouk Academy.

2. **Degrees:**
   - B.S. (Electrical Power and Machines Engineering) Higher Institute of Engineering, Elshorouk Academy, Elshorouk City, Cairo, Egypt. 2005
   - M.S. (Electrical Power and Machines Engineering) Helwan University, Cairo, Egypt. 2010
   - Ph.D. (Electrical Power and Machines Engineering) Al Azhar University, Cairo, Egypt. 2016
3. **Years of Service on Faculty:** 19
   - 07/2016 - present Assistant Professor.

4. **Other Experience:**

5. **Consulting Activities (selected)**

6. **States in which registered:**
   - Cairo, Egypt.
7. **Principal publications of last 5 years (selected):**
   - Mohamed M. Reda, Mohamed I. Elsayed, M. A. Moustafa Hassan, and **Hatem Seoudy**, "**Enhancing Microgrid Renewable Energy Integration at SEKEM Farm**", Global Energy Interconnection, 2024, ISSN 2096-5117.
   - **H. Seoudy**, A. Seoudy, and A. Fahmy, "**Comparative analysis of centralized and decentralized control systems for NUWEIBAA SWRO desalination plant**," Results in Engineering, vol. 21, p. 101904, 2024/03/01/ 2024. doi.org/10.1016/j.rineng.2024.101904
   - Mohamed M. Reda, Mohamed I. Elsayed, M. A. Moustafa Hassan, and **Hatem Seoudy**, "**A comparative study of module efficiency and sizing of the inverter's lcl filter for photovoltaic systems: a Case study**", Al-Azhar Engineering 16th International Conference (AEIC), 2024.
   - R. M. Hany, T. Mahmoud, E. S. A. E. A. Osman, A. E. F. A. El Rehim, and **H. M. Seoudy**, "**Optimal allocation of distributed energy storage systems to enhance voltage stability and minimize total cost**," PLOS ONE, vol. 19, no. 1, p. e0296988, 2024. doi:10.1371/journal.pone.0296988
   - **H. M. Seoudy**, M. A. Saadeldin, and W. A. Mohamed, "**Design and implementation of optimal controller for DFIG-WT using autonomous groups particle swarm optimization**," International Journal of Power Electronics and Drive Systems, vol. 13, no. 3, pp. 1813–1821, 2022, doi: 10.11591/ijpeds.v13.i3.pp1813-1821.
   - B. S. Abdel-Mageed, M. S. A. Shalaby and **H. M. Seoudy**, "**Study of Broken Rotor Bar Fault for Asymmetrical Six-Phase Induction Motor**," *2020 IEEE International Conference on Power Electronics, Drives and Energy Systems (PEDES)*, Jaipur, India, 2020, pp. 1-6, doi: 10.1109/PEDES49360.2020.9379502.

8. **Scientific and professional societies of which a member**
   - Egyptian Engineers Syndicate, and Egyptian Society of Engineers.