

**ABET Curriculum Vitae of:
Ahmed Youssef Hatata**

Degree	Discipline	Institution	Year
Ph.D.	Electrical Power and Machines	Mansoura University	2012
M.Sc.	Electrical Power and Machines	Mansoura University	2007
B.Sc.	Electrical Power and Machines	Mansoura University	2002

Academic Rank: Assistance Professor

Academic Experience:

Institution: Shaqra University

Rank: Assistance Professor

Dates: 2017 – present

Full Time or Part Time: Full Time

Institution: Mansoura University

Rank: Assistance Professor

Title: (Manager of the medical and scientific equipment's maintenance center)

Dates: 2014 – 2017

Full Time or Part Time: Full Time (for Mansoura University) and Part Time (for Center)

Institution: Mansoura University

Rank: Assistance Professor

Title: (Manager of technical services unit (for Faculty))

Dates: 2013 – 2014

Full Time or Part Time: Full Time

Institution: Mansoura University

Rank: Assistance Professor

Title:

Dates: 2012 – 2013

Full Time or Part Time: Full Time

Institution: Mansoura University

Rank: Lecturer

Title: (Member of Quality Assurance Unit)

Dates: 2007 – 2012

Full Time or Part Time: Full Time

Institution: Mansoura University

Rank: Demonstrator

Title:

Dates: 2004 – 2012

Full Time or Part Time: Full Time

Certifications or Professional Registrations:

Membership in Professional Organizations:

Member of the European EMTP-ATP Users Group (EEUG), since 2005

Egyptian Syndicate for Engineers, 2002 – Present.

Honors and Awards:

None

Service Activities:

(Electrical Consultant (Mansoura university president))

Principal Publications and Presentations of the Last Five Years:

1. A. Y. Hatata, M. M. El-Saadawi, S. Saad, "A feasibility study of small hydro power for selected locations in Egypt," *Energy Strategy Reviews*, **Elsevier**, Vol. 24, April 2019, pp. 300-313. (**ISI Journal IF =2.164**).
2. Hasan, E.O., **Hatata, A.Y.**, Badran, E.A. et al., "Optimal coordination of voltage control devices in distribution systems connected to distributed generations," *Electrical Engineering*, (2019), **Springer**. (**ISI Journal IF =1.269**).
3. Faisal Z. Alazemi and **Ahmed Y. Hatata** "Ant Lion Optimizer for Optimum Economic Dispatch Considering Demand Response as a Virtual Power Plant," *Electric Power Components and Systems*, (2019), **Taylor & Francis**, (**ISI Journal IF =1.144**).
4. Ahmed A. Hafez, **A. Y. Hatata**, M. M. Aldl "Optimal sizing of hybrid renewable energy system via artificial immune system under frequency stability constraints," *Journal of Renewable and Sustainable Energy*, AIP, Vol. 11, No. 1, 2019. (**ISI Journal IF =1.3**).
5. Ahmed Nour, **Ahmed Y. Hatata**, Ahmed A. Helal, Magdi M. El- Saadawi, "Rooftop PV Systems with Distributed Batteries for Voltage Unbalance Mitigation in Low Voltage Radial Feeders", *Journal of Renewable and Sustainable Energy*, Vol. 10, 2018, (**ISI Journal IF =1.3**).
6. Mohamed A. Mohamed, Ali M. Eltamaly, Abdulrahman I. Alolah, and **A. Y. Hatata**, "A novel framework-based cuckoo search algorithm for sizing and optimization of grid-independent hybrid renewable energy systems," *International Journal of Green Energy*, **Taylor & Francis**, 2018. (**ISI Journal IF =1.3**).
7. **A. Y. Hatata** and Alnufaie Lafi, "Ant Lion Optimizer for Optimal Coordination of DOC Relays in Distribution Systems Containing DGs," *Journal of IEEE access*, VOLUME 6, 2018. (**ISI Journal IF=3.55**).
8. **Ahmed Y. Hatata**, Ahmed A. Hafez, "Ant lion optimizer versus particle swarm and artificial immune system for economical and eco-friendly power system operation," *International Transaction Electrical Energy System*. **Wiley**, 27 December 2018, (**ISI Journal IF =1.619**).
9. **A. Y. Hatata**, G. Osman and Mohamed M. Al-Adl, "An Optimization Method for Sizing a Solar/Wind/Battery Hybrid Power System Based on the Artificial Immune System," *Sustainable Energy Technologies and Assessments*, **Elsevier**, Vol. 27, 2018, pp. 83-93. **SJR = 1.234**.
10. **A. Y. Hatata**, El-H. Abd-Raboh, Bishoy E. Sedhom, "Proposed Sandia frequency shift for anti-islanding detection method based on artificial immune system", *Alexandria Engineering Journal*, AEJ, **Elsevier**, Vol. 57, No. 1, 2018, pp. 235-245. **SJR =0.604**.
11. **A. Y. Hatata**, A. S. Ebeid, M. M. El-Saadawi, "Application of resistive super conductor fault current limiter for protection of grid-connected DGs," *Alexandria Engineering Journal*, AEJ, **Elsevier**, Vol. 57, No. 4, 2018, pp. 4229-4241, **SJR =0.604**.
12. **A. Y. Hatata**, and M. Eladawy "Prediction of the True Harmonic Current Contribution of Nonlinear Loads using NARX Neural Network," *Alexandria Engineering Journal*, AEJ, **Elsevier** Vol. 57, No. 3, 2018, pp. 1509-1518. **SJR =0.604**.
13. Riham Ezzeldin, **Ahmad Hatata**, "Application of NARX neural network model for discharge prediction through lateral orifices," *Alexandria Engineering Journal*, AEJ, **Elsevier**, Vol. 57, No. 4, 2018, pp. 2991-2998. **SJR= 0.604**.