Curriculum Vitae (CV)

Hany Ebraheem Yahya

Personal Information:

Academic Rank: Lecturer

Department: Mechanical Engineering

Specialization: Mechanical Power Engineering

Position: Lecturer

Google Scholar: https://scholar.google.com/citations?user=kymRrK8AAAAJ&hl=en

Research Gate: https://www.researchgate.net/profile/Hany-Yahya/publications

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Education:

Degree	Discipline	Institution	Year
Ph.D.	Enhancement of Solar PV Panels Efficiency	Faculty of Engineering - Al Azhar University, Egypt	2025
M.Sc.	Investigation and Optimization of Reverse Osmosis Water Desalination Systems in Hot Climate Conditions	Arab Academy for science, Technology & Maritime Transport, College of Engineering & Technology, Egypt	2018
B.Sc.	Desalination Plant Using Reverse Osmosis Combined with Solar Energy	Higher Technological Institute, Tenth of Ramadan City, Egypt	2008

Academic Experience:

Institution: Higher Technological Institute, Tenth of Ramadan City, Egypt

Rank: Lecturer

Dates: 1-10-2011 till now

Research interests:

- Energy Systems
- Renewable Energy
- Solar Energy Systems
- Desalination Systems

Publications:

- S. Shaaban, H. Yahya, Detailed analysis of reverse osmosis systems in hot climate conditions, Desalination 423 (2017) 41-51.
- H. Yahya , S. Shaaban, Detailed Sensitivity Analysis of Reverse Osmosis Systems, 2017, 2nd International Conference on Advanced Technology and Applied Science (ICaTAS 2017), September 12-14, 2017, Alexandria, Egypt, Arab Academy for Science, and Technology and Maritime Transport.
- S. Shaaban, H. Yahya, Identification of cost and energy effective seawater membranes for use under hot climate conditions, Water Environ Res. 2022;94:e10758, https://doi.org/10.1002/wer.10758.
- M. Salah Mansour, M. Halawa, H. Yahya, Moataz M. Abdel-Raouf, M.A. Eid, Enhancement of PV and concentered PV panels using evaporative cooling during summer and winter seasons: A case study in Egypt, Case Studies in Thermal Engineering, Volume 63, 2024, 105354, ISSN 2214-157X, https://doi.org/10.1016/j.csite.2024.105354.
- M. Salah Mansour, M. Halawa, H. Yahya, Moataz M. Abdel-Raouf, M.A. Eid, Energy, exergy, environmental and economic (4E) analysis of PV, CPV and CCPV panels at different climate conditions, 2024, Al-Azhar Journal. Doi:10.21608/auej.2024.306080.1688.