

	Contact Information		
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Education/ Academic qualifications (start with your most recent education first)			
Year	School / University	Specialization	Degree
2023 – Until now	Kafr El Sheikh University	Mechanical Engineering	PhD. candidate
September 2022	Kafr El Sheikh University	Mechanical Engineering	M.Sc
July 2019	Mansoura University	Mechatronics Engineering	B.Sc.
Academic Employment History (start with your most recent education first)			
From:	To:	University / Organization	Title of Position
2023	-	Mechatronics dep. Faculty of Engineering - Horus university	Assistant Lecturer
2022	2023	Higher Institute of Engineering, Automotive Technology and Energy, New Heliopolis	Assistant Lecturer
2020	2022	Higher Institute of Engineering and Technology in New Damietta	Demonstrator
Administrative Positions:			
From:	To:	University / Organization	Title of Position
2023	-	Faculty of Engineering -Horus university	Member of Quality Assurance unit
2022	2023	Higher Institute of Engineering, Automotive Technology and Energy, New Heliopolis	Member of Quality Assurance unit
2022	2023	Higher Institute of Engineering, Automotive Technology and Energy, New Heliopolis	Member of the schedule preparation committee
Teaching Experience (Courses, Language, Higher Education Only)			
<p>Mechanical engineering; Renewable energy ; Thermodynamics; Heat transfer ; Fluid mechanics ; Mathematics; Mechanics; Strength of materials ; Stress analysis ; Engineering Drawing; Technical report</p>			

I do hereby declare that the information furnished above is true to the best of my knowledge.

Name: Amr Elbrashy

Signature: Amr Elbrashy

Publications:

Identify type of publication: book, refereed article, book chapter, journal article, non-refereed paper, major report, technical reports, research funds/grants

- **Amr Elbrashy**, Yousra Boutera, Moataz M. Abdel-Aziz, Salah Dafea, Müslüm Arıcı, A review on air heating applications with evacuated tubes: A focus on series and parallel tube configurations, **Solar Energy**,2023, <https://doi.org/10.1016/j.solener.2023.111996>
- **A.A. Elbrashy**, F.Sh. Abou-Taleb, Magda K. El-Fakharany, Fadl A. Essa, Experimental study of solar air heater performance by evacuated tubes connected in series and loaded with thermal storage material, **Journal of Energy Storage**,2022. DOI: 10.1007/s11356-022-22462-6
- **Amr Elbrashy**, Fawzy Aboutaleb, Magda El-Fakharany, Fadl Essa, Experimental Study of the Solar Air Heater Performance with Evacuated Tubes Connected in Series and Involving Nano-Copper Oxide / Paraffin Wax as Thermal Storage Enhancer, **Environmental science and pollution research**,2022. DOI: 10.1016/j.est.2022.105266
- M.A. Elazab, Abd Elnaby Kabeel, Emad M.S. El-Said, H.A. Dahab, Abdelrahman Kamal Hamed, Mostafa M. Alsaadawi, **Amr Elbrashy**, Exergoeconomic assessment of a multi-section solar distiller coupled with solar air heater: Optimization and economic viability, **Desalination and Water Treatment**,2024, <https://doi.org/10.1016/j.dwt.2024.100535>.

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