



Mustafa Mahmoud Abo elmaaref
Assistant Lecturer at Mechanical Department
Faculty of Industrial Education, Sohag University.
Qena –Naj Hammady
Email: Moustafa_aboelmaaref1989@yahoo.com
Phone: +02 01067754497

Education

- 2012: B.Sc. – Faculty of Industrial Education – Sohag University- Sohag - Egypt.
- 2017: M.Sc. - Mechanical Engineering – Faculty of Industrial Education – Sohag University- Sohag - Egypt.

The title of M.Sc.: “Experimental and Analytical Study for the Performance of a Thermoelectric Air Conditioning System Driven by Solar Cells”

Research Interest

- Renewable energy and control systems.
- Member of the American Society of Engineers for cooling and air-conditioning, ventilation and heating (ASHREA).
- Digital control system.

Teaching Experience

- Matlab.
- TRNSYS Program.
- Thermoelectric air condition.
- Solid Work.

Training have been attained:

- Role of university teacher preparation.
- The ethics of the teaching profession.
- Communication skills in different patterns of education.
- Sps.
- Photoshop.
- Plc.

Certificates granted

- A certificate of experience from the Solid work design program.

International Conferences

- 1- 2015: Third International conference on energy engineering, ICEE-3, Aswan, Dec. 26-28, 2015.
- 2- 2017: Second International conference on natural resources and renewable energy, ICNRRE-2, Hurghada, April 23-26, 2018.

Recent Publications:

1. M .M.Abo Elmaaref, Ahmed A. Askalany, M. Salem, and K. Harby. Solar thermoelectric cooling technology. 3rd International Conference on Energy Engineering (ICEE-2015). Aswan University, Aswan, Egypt 2015.
2. M .M.Abo Elmaaref, Ahmed A. Askalany, K. Harby M. Salem, “Experimental study of designing and performance analysis of a solar driven thermoelectric air-conditioning system for Egypt’s climate conditions”. Applied energy journal Vol. 18, , 499-503, (2017).
3. M .M.Abo Elmaaref, Ahmed A. Askalany, K. Harby M. Salem, “Experimental study of designing and performance analysis of a solar driven thermoelectric air-conditioning system.”. 2nd International conference on natural resources and renewable energy, ICNRRE-2, Hurghada, April 23-26, 2018.