

Basic Information :

Name : Zakaria Mostafa Abdo Salim Marouf

Title : Lecturer



Zakaria M. Marouf () prepare his Ph.D. Degree From Cairo University in Mechanical Power Engineering Departement. He holds a master's of Science Degree From Ain Shams University in the "Effects of Design Parameters on The Performance of a Horizontal Axis Wind Turbine". He works as an assistant lecturer at the faculty of Engineering and Technology, Mechanical Engineering Dept., FUE.

Education:

Certificate	Major	University	Year
PhD			2023
Masters	Mechanical Engineering		2019
Bachelor			2014

Teaching Experience:

Name Of Organization	Position	From Date	To Date
FUE	Lecturer	12/10/2014	Current
Faculty of Engineering and Technology	Teaching Assistant	01/01/2014	01/01/2019

Researches / Publications :

Energy, exergy, and economic (3E) analysis of air bubbles injection into plate heat exchangers

Combined Energetic and Exergetic Performance Analysis of Air Bubbles Injection into a Plate Heat Exchanger: An Experimental Study

Experimental investigation of the effect of air bubbles injection on the performance of a plate heat exchanger

Experimental Investigation of the Effect of Winglet on Reducing the Deterioration of Performance of HAWT Blades Caused By Increased Surface Roughness

Awards:

Award	Donor	Date
Academic Achievement Award	Future University in Egypt	01/01/2019
Certificate of Honor	Faculty of Engineering and Technology, FUE	01/01/2018
Distinguished Student Award for being the first of my class	Faculty of Engineering	01/01/2014