## Basic Information :

**Name :**    Amira Khaled Hasan Mohamed Elkodama

**Title   :**    Assistant Lecturer

## Education:

| Certificate | Major | University | Year |
|---|---|---|---|
| Masters | | | 2023 |
| Bachelor | Mechanical Engineering | | 2018 |

## Teaching Experience:

| Name Of Organization | Position | From Date | To Date |
|---|---|---|---|
| FUE | Associate Lecturer | 10/02/2019 | Current |

## Researches / Publications :

Parametric Analysis Towards the Design of Micro-Scale Wind Turbines: A Machine Learning Approach

Investigation into the Yaw Control of a Twin-Rotor 10 MW Wind Turbine

Control Methods for Horizontal Axis Wind Turbines (HAWT): State-of-the-Art Review

Solar Chimney Power Plants: A Mini Review

Low-Cost, Low-Weight Test Rig Design for a Laboratory-Scale Twin Rotor Wind Turbine

Aerodynamic Performance of a 100 W Single-Rotor Wind Turbine in Comparison with Multi-Rotor Wind Turbines of the Same Capacity

Modelling and Simulation of an Asynchronous Generator for a 5 MW Wind Turbine

Aerodynamic Performance and Structural Design of 5 MW Multi Rotor System (MRS) Wind Turbines

A New Design Identification and Control Based on GA  Optimization for An Autonomous Wheelchair

Twin-Rotor Wind Turbine Power Performance Compared to a Single-Rotor of the Same Tip-to-Tip Spacing

Design, Manufacture, and Test a ROS Operated Smart Obstacle Avoidance Wheelchair