

The energy research unit offer trainings seminars and workshops to promote RES to public as follows;

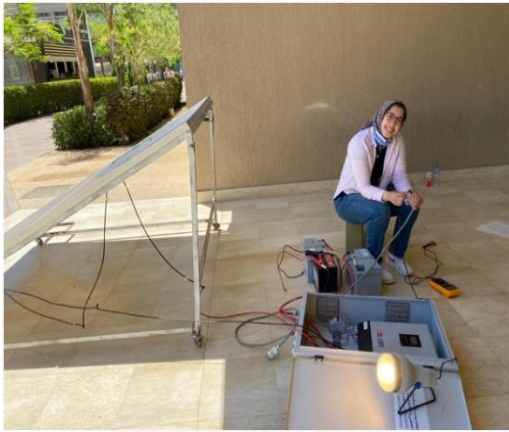
➤ **Training courses**

1. Renewable Energy System
2. Solar energy
3. Practical fundamental solar energy
4. Wind Energy System
5. Energy Management and Auditing (EMA)
6. Building Management system (BMS)

**50 kW Solar Power Plant (On-Grid) with Weather Station. (ABB)**

- 
- On-grid
- Off-grid
- Hybrid
- For education, research and training purpose in addition to energy efficient and management





➤ PV market seminar

**Egyptian Photovoltaic Energy Market**  
"Current and Future Trends"

**26** **October 2021**  
02.15 p.m - 03.15 p.m.  
Room 303


Guest Speaker : Prof. Ahmed Kadry Abdelsalam

Electrical & Control Engineering Department, AASTMT

## ➤ Free Wind Online Training

**13 - 14  
October  
2021  
05:00 - 08:00**

Co-funded by the  
Erasmus+ Programme  
of the European Union



### Project WESET's Online Wind Energy Training

Project WESET (Wind Engineering Skills in Egypt and Tunisia) is an Erasmus+ European Union funded project aimed at building capacity at higher education and governance institutions in Egypt and Tunisia.

#### Objectives

- Disseminate the outcomes of WESET Project.
- Enhance the stakeholder's knowledge about Wind Energy and its trend in Egypt
- Know the theoretical and practical aspects of wind turbine components, operation and control

#### Outlines

- Introduction and Wind Energy (WE) in Egypt
- Fundamentals of WE and Aerodynamics
- Wind Turbine Mechanics and Dynamics
- Pitch, Yaw, and Drivetrain systems
- Tower Design and Trends
- Wind Turbine Generators
- Wind Farm Power Transmission
- Grid Code and Regulation
- Lightening Protection of WF
- Control strategies and Control Anatomy
- Operation, Load Mitigation and Control

  
Meeting ID: 92500407638  
Pass code: 857783

Contact: Prof. Mostafa Abdelgeliel,  
Head of Energy research unit, AAST, Tel.  
01220646998

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WE SET

Wind Engineering Skills in Egypt and Tunisia

Co-funded by the Erasmus+ Programme of the European Union

## Wind Energy Training Online Course

**13-14 October 2021**  
**5PM - 8PM**  
 Zoom ID: 92500407638  
 Password: 857783

- Introduction and Wind Energy (WE) in Egypt
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Organized by Energy Research Unit, Faculty of Engineering, AAST  
 Contact: Prof Mostafa Abdelgellel  
 Email: mostafa.gellel@aast.edu  
 Tel: 01220646998




الأكاديمية العربية للعلوم والتكنولوجيا والنقل البحري  
 Arab Academy for Science, Technology & Maritime Transport  
 Faculty of Engineering

WE SET

*Certificate of Attendance*

This is to certify that

# Shady Abdelkhalek

Has attended the online training on Wind Energy  
 14 -13 October 2021

Head of Energy Research unit  
 Prof. Mostafa Abdelgellel




➤ Wind Energy Conference



The poster features a dark blue background with a red and white geometric design at the bottom. At the top left, a red box contains the date '08 September 2021' and time '10:30 - 03:00'. To the right, logos include the Erasmus+ logo, the European Union flag, and the WESET logo. Below these are logos for the University of Cairo, Ain Helwan University, Helwan University, Beni-Suef University, and the Egyptian Wind Energy Association. The main title is 'Project WESET's Final Conference Creating Home-Grown Potential for a Thriving Wind Energy Sector in Egypt'. The text describes the project's goals and the conference's focus on discussing outcomes and charting a forward-looking effort. It also provides Zoom meeting details and the host's name and affiliation.

**08 September 2021 10:30 - 03:00**

Co-funded by the Erasmus Programme of the European Union

WESET

**Project WESET's Final Conference  
Creating Home-Grown Potential  
for a Thriving Wind Energy Sector  
in Egypt**

Project WESET (Wind Engineering Skills in Egypt and Tunisia) is an Erasmus+ European Union funded project aimed at building capacity at higher education and governance institutions in Egypt and Tunisia.

This event is the project's final conference where outcomes are discussed, together with charting a forward-looking and collective effort to grow and sustain this important sector in Egypt. Wind power is a critical component in Egypt's current decarbonization plans, and will remain to be a pillar of Egypt's future energy transformation policy.

Join us in this event where we showcase a cooperative stakeholder effort for the sector's human capital development, and shape the discussion on how education, governance, private and public sectors can come together shaping the future of Egypt's wind power.

**zoom** Meeting ID: 988 1000 8651 Pass code: 335606

Dr Ibrahim Abou El-Naga St., New City, Cairo, EGYPT

**HOST: Dr. Mohamed El Khayat, CEO, New and Renewable Energy Authority (NREA)**

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