



**CURRICULUM VITAE**

**October, 2017**

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**Personnel Data**

Name: Amr Ali Mohamed Ahmed  
Date of birth: 10<sup>th</sup> January 1988  
Work Address: Faculty of Industrial Education, Sohag  
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Nationality: Egyptian

**Education:**

**2013-2017 M.Sc. Production Engineering, Sohag University, Egypt.**

**Address of Thesis: " Fabrication and Characterization of TiO<sub>2</sub> as Antireflection Coating for Solar Cell Application."**

**2007-2011 B.Sc. Industrial Education, Sohag University, Egypt,**

**Work Experiences:**

Date February 2012 - Current

Position Demonstrator and Assistant lecturer

Main activities & responsibilities

- Teaching, research, consultants
- Courses: Material Eng., Mech. Drawing, Metal forming, Machine Design, Polymers and Casting technology.

Employer Faculty of Industrial Education – Sohag University

**Publishing Papers:**

1. "Nanostructure TiO<sub>2</sub> coatings prepared by Pulsed Magnetron Sputtering at Different Applied Frequencies". International Conference on Physics, Materials Sciences and Engineering, 23-25 March 2017 Luxor, Egypt.
2. "Synthesis of Nanostructured TiO<sub>2</sub> Thin Films Using different Applied powers of Pulsed Magnetron Sputtering". International Conference on Mechanical Manufacturing and Material Engineering (ICM3E-17), p.p (97-102). 14-15 March 2017 Dubai (UAE).
3. "Synthesis and Characterization of Nanostructure TiO<sub>2</sub> Thin Films Deposited by Pulsed Magnetron Sputtering". 3rd Egyptian Universities Conference for Young Researchers, Qena, Luxor, 1-3 November 2016 Qena, Egypt.

**Research Interest**

- Thin Film
- Transparent conductive Oxide (TCO)
- Nanostructure
- Improving mechanical properties

**Current Interest**

- Renewable energy
- Pulsed magnetron sputtering technical
- Antireflection