



## RESUME

**Name:** Ahmed Mohamed El Wardany Mohamed

**Education:**

- Ph.D.**      **Specialization:** Design and Production Engineering  
**Thesis Title:** Optimization of CO<sub>2</sub> Laser Cutting Parameters for Advanced Materials  
**Awarded by:** Ain Shams University, Cairo, Egypt, June. 2014
- MSc**        **Specialization:** Design and Production Engineering  
**Thesis Title:** Investigation into the effect of CNC-EDM wire cutting parameters for turning operations  
**Awarded by:** Ain Shams University, Cairo, Egypt, May. 2014
- BSc**        **Specialization:** Manufacturing Engineering  
**Awarded by:** Modern Academy For Engineering and Technology, Cairo, Egypt, May, 2008

**Positions Occupied and work experience**

- Teaching Assistant, Manufacturing Engineering and Production Technology Department, Modern Academy for Engineering and Technology, 2008 up- May 2014.
- Lecturer Assistant, Manufacturing Engineering and Production Technology Department, Modern Academy for Engineering and Technology, May 2014 up- June 2019.
- Lecturer, Manufacturing Engineering and Production Technology Department, Modern Academy for Engineering and Technology, June 2019 up- till now.

**Teached**

**Courses:**

MNF325, MNF  
321 Current

**Position:**

Lecturer, Manufacturing Engineering and Production Technology Department, Modern Academy for Engineering and Technology in Maadi, Cairo, Egypt.

No of Published Papers	
Last 5 years	Total
3	3

## PUBLISHED PAPERS

The following are the papers published in refereed local conferences, journals and scientific bulletins.

1. 2014    **A.M. El-Wardany, Mahdy M.A. and Sonbol H.A.**  
An investigation into the effect of CNC-EDM wire cutting Parameters for crossfeed turning process

Ministry of Defense, Military Technical College, 16<sup>th</sup> International conference on Applied Mechanics and Mechanical Engineering AMME-16, Cairo, Egypt, May 27-29, 2014.

2. 2018 **A.M. El-Wardany, M.A. Mahdy, H.A. Sonbol.**  
Modelling of CO<sub>2</sub> Laser Cutting parameters for Stainless Steel 316 using Artificial Neural Network Technique  
Ministry of Defense, Military Technical College, 18<sup>th</sup> International conference on Applied Mechanics and Mechanical Engineering AMME-18, Cairo, Egypt, April 30-31, 2018.
3. 2018 **A.M. El-Wardany, H.A. Sonbol, M.A. Mahdy,**  
An Investigation into The Effect of CO<sub>2</sub> Laser Cutting Variables on Cutting Edge Quality of Stainless Steel 316 Sheets  
Ministry of Defense, Military Technical College, 18<sup>th</sup> International conference on Applied Mechanics and Mechanical Engineering AMME-18, Cairo, Egypt, April 30-31, 2018.