



RESUME

Name: Ahmed Mohamed El Wardany Mohamed

Education:

- Ph.D.** **Specialization:** Design and Production Engineering
Thesis Title: Optimization of CO₂ 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, 16th 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 CO₂ Laser Cutting parameters for Stainless Steel 316 using Artificial Neural Network Technique
Ministry of Defense, Military Technical College, 18th International conference on Applied Mechanics and Mechanical Engineering AMME-18, Cairo, Egypt, April 35, 2018.
3. 2018 **A.M. El-Wardany, H.A. Sonbol, M.A. Mahdy,**
An Investigation into The Effect of CO₂ Laser Cutting Variables on Cutting Edge Quality of Stainless Steel 316 Sheets
Ministry of Defense, Military Technical College, 18th International conference on Applied Mechanics and Mechanical Engineering AMME-18, Cairo, Egypt, April 35, 2018.