





PERSONAL INFORMATION

Ahmed Atia



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-  Skype

EDUCATION AND TRAINING

01/11/2014–20/10/2017

Ph.D in Mechanical engineering

Excellent

El Minia University, El Minia (Egypt)

- In Title:

MECHANICAL AND TRIBOLOGICAL BEHAVIOR OF POLYMERIC MATERIALS

summary of the work:

- Study the solid particle erosion of composite polymeric material.
- Simulation for air particle Velocity "SolidWorks Flow simulation tool".
- Effect of impact angle.
- Enhancing surface erosion resistance.

10/2009–09/2014

Master in Mechanical Engineering

Excellent

El Minia university , Faculty of engineering, El Minia (Egypt)

- Title of thesis: **Investigation of the Mechanical and Tribological Properties of Polypropylene Matrix Composites Produced by Injection Method.**
- Research paper in title: **Study of the Mechanical Properties of Polypropylene and Polypropylene 10% Fiber Glass Matrix Reinforced by Steel Wires**

22/09/2004–13/07/2009

Bachelor of Production Engineering and Design (mechanical engineering).

El Minia university , Faculty of engineering, El Minia (Egypt)

Final Grade: Very Good

Graduation project Award "**Samsung youth real dreams**" ranked top 15 Egypt

20/01/2009–25/01/2009

Trainee

Thermoplastic factory New Bin-Sawife product, Bin-Sawife (Egypt)

- Manufacturing polypropylene and(HDPE)By injection and extrusion technique

08/2008–09/2008 **Trainee**
Egyptian Aluminium Products Company ALUMISR, cairo (Egypt)

- Casting the billers
- Extrusion Aluminum products

07/2008–08/2008 **Trainee**
Egypt Air jet engine Maintenance, cairo (Egypt)

07/2007–08/2007 **trainee as mechanical engineer**
military factories No.99, Cairo (Egypt)

- Internal combustion engine parts:
piston, cylinder and piston rings ,
- Tools manufacturing
- car wheel
- Gas cylinder:
sheet metal forming (Deep Drawing and precising).
welding processes.
heat treatment (Annealing)

WORK EXPERIENCE

01/10/2017–Present **Assistant professor**
El Minia High institute for engineering and technology, El Minia (Egypt)

Teaching following courses:

- Production engineering.
- Application of computer software in management and industry.
- Material technology.
- CAD/CAM/CIM.

01/10/2009–17/09/2014 **Teaching Assistant**
El Minia High institute for engineering and technology, El Minia (Egypt)

01/10/2014–Present **Assistant lecturer**
El Minia High institute for engineering and technology, El Minia (Egypt)

Teaching courses (production engineering (I), engineering drawing [A, B, C], material technology [I, II], production engineering (II): welding and casting , powder metallurgy) , Composite material , forming technology and CAD/CAM software.

PERSONAL SKILLS

Mother tongue(s) Arabic

- Organisational / managerial skills
- Creative
 - Collage teaching
 - Fast learner at my major
 - Work as team member and alone
 - Ready for more education and training.

- Job-related skills
- Microsfte office suite
 - ANSYS Finite element
 - SolidWorks Simulation tool and Modling
 - MATLAB