

Mai Fayez Mahmoud Ayoub

Assistant Researcher

Mechanical Engineering Department – National Research Centre- Cairo

BSC of Mechanical Engineering (MAM- 2008)

Diploma of "Wind Power Development and Use" ( LIFE Academy- Sweden -2013)

Master of Science of Mechanical Design and Production Engineering

(Cairo University- 2015)

**Experience**

- Research work:

 \*CNC machine tools part programming (Milling \Turning machines)

 \* Water Jet machine tools (operating and programming)

 \* CNC Milling machine CAD\ CAM program design
 \*Theoretical and applied mechanics – Optimum design
 and maintenance issues.
 \* Reliability of mechanical systems and design for reliability.

#  \* Wind power development and use (Sweden & India). \* Redesigning, Testing and manufacturing of arthroscopic implants.

-Teaching and training experience:

 \* CNC machine tools part programming teaching (MAM 2009)

 \* CNC machine tools part programming training (NRC)

 \* Engineering drawing and Mechanical Design (MAM 2009, Faculty of Engineering Cairo University 2009 -2013)