Curriculum Vitae

- **Name: Waleed Farag Mohammed Farag**
- **Title: Associated Lecturer**
- **Department: Mechanical Engineering Department**
- **E-mail: waleed.mohammed@su.edu.eg**

A) Academic Qualifications:

- Bachelor's degree in mechanical engineering University: Benha Year: 2007

- Master's degree in mechanical engineering University: Benha Year: 2016

B) Academic promotions:

- Demonstrator, Date: 01 – 10 - 2010

- Assistant Lecturer, Date: 07 – 08 - 2016

C) Scientific Merit:

- Google Scholar: Waleed F. Youssef
- Orcid –N: 0000-0003-1547-5079

E) Scientific Activities

1: Training Courses/workshops:

- Training Course in SolidWorks.
- Training Course in ANSYS.

- Training Course in MATLAB.
- Training Course in Power mill.

2: Teaching Scopes:

Engineering Drawing, Production Technology, Mechanical Design, Computer Aided Design, Computer Aided Manufacturing, Finite Element Analysis, Simulation of Dynamic Systems, Automatic control, Modern Control Theory, Mechanical Vibrations.

F) Scientific Publications:

- National journals:

- A New Ceramic Casting Mold Made by Gel Casting Using Silica Sol as A Binder, BFSZU, Vol.38-Dec.2016. (Extracted From Master Thesis)
- Investigating the Impact of Tool Type on Optimizing Burnishing Parameters for AISI 1035 Steel: A Taguchi and RSM Approach, Eng. Res. J., vol. 180, no. 0, pp. 119–146, 2023. (Extracted From PhD Thesis)
- Investigating the Influence of Tool Selection on Surface Quality in Burnished AISI 1035 Steel, Eng. Res. J., vol. 53, no. 1, pp. 130–141, 2024. (Extracted From PhD Thesis)

G) Quality Assurance in Higher Education:

- Training Attended (Training Course in Strategic Planning)

H) Skills

- Language Skills:
  - English (Good in Writing and Reading).
  - Arabic (Mother Tongue).

- Computer Skills:
    - Using Microsoft office (Word, Excel, Power Point).
    - Using Computer Aided Drawing Programs (AutoCAD and solid works).
    - Using Finite Element Analysis Programs (Ansys, Deform 2D, and 3D, MD Solids).
    - Using Power Mill Cad-Cam Program.
    - Using MATLAB.

- Presentation skills:
    - Preparing Presentations Using Power point.
    - Preparing Online Sessions Using Zoom, and WebEx Online Meeting Programs.