



Curriculum Vitae

Dr.: Mostafa Samir Sayed Kourany El-Deeb
lecturer, Basic Science Dept., Giza Engineering Institute

PERSONAL INFORMATION

Name	Dr/ Mostafa Samir Sayed Kourany Eldeeb
Nationality	Egyptian
Date of Birth	1-3-1988
Place of Birth	Giza - Egypt
Marital Status	Married
Full Mailing Address	Alsaf - Giza - Egypt
E-mail Address	engmostafaeldeeb@yahoo.com drmostafasamireldeeb@gmail.com
Contacts	01008241303 - 01140698881
Google Scholar	Mostafa S. S. El-deeb (https://scholar.google.com/citations?hl=en&user=yqPsutwAAAAJ&view_op=list_works&authuser=2&sortby=pubdate.) Citations (55) ; H-index(5) ; i10-index(3)
LinkedIn profile	

Languages Skills

Arabic: Mother tongue.
English: very good

Computer Skills

<ul style="list-style-type: none"> ▶ AutoCAD Program. ▶ Solid Works Program.
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Education

► **Ph.D.**

Specialization: Mechanical Engineering (Design and Production Engineering).

Thesis Title: Enhancing Fatigue Performance of Spare Parts Used in Aerospace Industry and Military Equipment Made of Cast Titanium Alloy.

Awarded by: Shoubra Faculty of Engineering, Benha University, Cairo, Egypt, February, 2022.

► **MSc.**

Specialization: Mechanical Engineering (Design and Production Engineering).

Thesis Title: Corrosion Behavior of Friction Stir Welded Aluminum Joints.

Awarded by: Shoubra Faculty of Engineering, Benha University, Cairo, Egypt, April. 2017.

► **BSc.**

Specialization: Mechanical Engineering (Manufacture Engineering and Production technology).

Awarded by: Modern Academy For Engineering and Technology, Cairo, Egypt, May, 2010.

Grade: Excellent with honor degree (91.45 %), 3rd in the Class of 2010.

Graduation project grade: Excellent.

Professional Appointments

- **Lecturer**, Manufacturing Engineering and Production Technology Department, Modern Academy for Engineering and Technology, 2022 up-Till now.
- **Lecturer Assistant**, Manufacturing Engineering and Production Technology Department, Modern Academy for Engineering and Technology, 2017 up 2022.
- **Teaching Assistant**, Manufacturing Engineering and Production Technology Department, Modern Academy for Engineering and Technology, 2012 up 2017.
- **Part-Time, Lecturer Assistant**, El-Salam Technical Integrated Cluster, Ministry of Military Production.
- **Part-Time, Lecturer**, Misr University for Science and Technology, 6th of October City, 2022 up 2025.
- **Part-Time, Lecturer**, Giza Higher Institute for Engineering & Technology, 2024 up-Till now.

Quality Experience

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Publications & Conferences (Latest 5)

- ▶ **2025** Ibrahim Sabry, **Mostafa S. S. El-Deeb** "Enhanced structural integrity and tribological performance of Al6061–Al6082 alloys reinforced with TiB₂ and Al₂O₃ via friction stir welding" (**The International Journal of Advanced Manufacturing Technology**, 3 May 2025).
- ▶ **2024** Ibrahim Sabry, **Mostafa S.S. El-Deeb**, A.M. Hewidy, Mohamed ElWakil "Mechanical and tribological behaviours of friction stir welding using various strengthening techniques" (**Journal of Alloys and Metallurgical Systems**, August 2024).
- ▶ **2024** M. M. AbdelKader, M. T. Abou-Laila, **M. S. S. El-Deeb**, Eman O. Taha, and A. S. El-Deeb " Structural, radiation shielding, thermal and dynamic mechanical analysis for waste rubber/ EPDM rubber composite loaded with Fe₂O₃ for green environment" (**Scientific Reports**, May 2024).
- ▶ **2021** Ramadan N. Elshaer, **Mostafa S. S. El-Deeb**, S. S. Mohamed, and Khaled M. Ibrahim." Effect of Strain Hardening and Aging Processes on Microstructure Evolution, Tensile and Fatigue Properties of Cast Ti-6Al-2Sn-2Zr-2Mo- 1.5Cr-2Nb-0.1Si Alloy " (**International Journal of Metalcasting**, June 2021).
- ▶ **2021** **Mostafa S. S. El-Deeb**, Khaled M. Ibrahim, S. S. Mohamed, and Ramadan N. Elshaer. " Influence of Plastic Deformation and Aging Process on Microstructure and Tensile Properties of Cast Ti-6Al-2Sn-2Zr-2Mo-1.5Cr-2Nb-0.1Si Alloy " (**Open Journal of Metal**, January 2021; 11(02)).
- ▶ **2019** **Mostafa S. S. El-Deeb**, lobna A. khorshed, Sayed A. Abdallah, A.M. Gaafer, and T. S. Mahmoud. "Effect of Friction Stir Welding Process Parameters and Post-Weld Heat Treatment on the corrosion behaviour of AA6061-O Aluminum Alloys" (**Egyption Journal of Chemistry**, August 2019 ; 62(8)).
- ▶ **2016** **Mostafa S. S. El-Deeb**, S. A. Khodir, Sayed A. Abdallah, A.M. Gaafer, and T. S. Mahmoud. "Effect of Friction Stir Welding Process Parameters and Post-Weld Heat Treatment on the Microstructure and Mechanical Properties of AA6061-O Aluminum Alloys" (**Journal of American Science**, January 2016 ; 12(11)).