

CV

1. **Name-Surname** : Emre YILMAZ
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3. **Title** : Instructor M.Sc. Mechanical Engineer
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5. **Education** : M.Sc



Degree	University	Field
B.Sc.	Gazi University Gazi Faculty of Education	Physics Teaching
B.Sc.	Tekirdağ Namık Kemal Üniversitesi Faculty of Çorlu Engineering	Mechanical Engineering
M.Sc.	Tekirdağ Namık Kemal University Institute of Science	Mechanical Engineering
M.Sc.	Istanbul Aydın University Institute of Science	Occupational Health and Safety

6. Articles

Yilmaz, E. (2017). Exterior surface insulated panel radiator and energy efficiency analysis. International Advanced Researches and Engineering Journal 1,18-20.

Yılmaz E. (2020). Investigation of Mechanical Engineering Departments and Their Fields of Study. Mesleki Bilimler Journal, 9(1), 36-42.

7. Communiqués

Yilmaz E. (2021). Investigation of the Effect of Different Design Parameters of Safety Helmets on Impact Strength Properties, International Conference on Design Research and Development.

Yilmaz E. (2022). Investigation of the Effect of Different Fiber Angles on Strength Properties of Glass Fiber Reinforced Epoxy Matrix Plates Under In-Plane Load, International Congress of Engineering and Natural Sciences.

Yilmaz E. (2022). Investigation of the Effect of Different Fiber Angles on Strength Properties of Graphite Fiber Reinforced Epoxy Matrix Composite Plates Under In-Plane Load, 2nd International Symposium on Scientific Researches and Innovative Studies.

8. Publishing

DergiPark Journal of Advanced Engineering Studies and Technologies
Founder, Chief Editor

9. Judges

International Journal of Engineering Science and Application
Gazi University Journal of Engineering and Architecture Faculty
International Journal of Automotive Science and Technology
Süleyman Demirel University Journal of The Institute of Science
European Journal of Science and Technology
Düzce University Journal of Science and Technology

10. Work Experiences

Şölen Chocolate A.Ş. – TPM 5S 2016
Ülker A.Ş. – Manufacturing 2017
Pemag Machine – Mechanical Engineering 2018 - 2020

11. Professional Chamber Memberships

Chamber of Mechanical Engineers

12. Computer Program Uses

Ansys Workbench (Statics Analysis, Dynamics Analysis, Vibrations Analysis, Thermal Analysis, Aerodynamics Analysis, Composite Materials Analysis)

Solidworks 2D 3D, Solidworks Simulation (Statics Analysis, Dynamics Analysis, Vibrations Analysis, Thermal Analysis, Aerodynamics Analysis, Composite Materials Analysis, Flow Analysis), Sheet Metal, Photo View360, Motion

SolidCAM (Turning, milling)

AutoCAD 2D 3D, AutoCAD Mechanical

Inventor

KeyShot 3D Rendering

MS. Office

Adobe Photoshop

Fluid Sim (Hydraulic pneumatic simulations)

13. Certificates

Mechanical Safety Systems Education - Chamber of Mechanical Engineers

ISO 45001 Occupational Health and Safety Training - Chamber of Mechanical Engineers

ISO 45001: 2018 Occupational Health and Safety Management System Training - Istanbul Gedik University

ISO 9001: 2015 Basic Quality Management Training - Istanbul Gedik University

ISO 14001 Environmental Management Training - Istanbul Gedik University

ISO 18001: 2007 Occupational Health and Safety Training - Istanbul Gedik University

ISO 19011 Internal Examination Training - Istanbul Gedik University

ISO 22000 Food Safety Training - Istanbul Gedik University

Risk Analysis Training - Istanbul Gedik University

Solidworks Static Analysis Training - Armada Software

Solidworks Assembly Training - Armada Software

Mechanical Design - Dassault Systemes

Accumulator Training - İnci Accumulator

Graphics and Animation Training (128 Hours) - MEB General Directorate of Non-Formal Education

Diction Training (64 Hours) - MEB General Directorate of Non-Formal Education

Computer Programming Education - Naature Academy

Occupational Health and Safety Training - Universal Certificate

Work and Work Psychology Education - Association of Psychologists and Psychiatrists

Project Cycle Management Training (21 Hours) - Trakya Development Agency

Professional Communication Training - My Career Education

Production Planning Training (15 Hours) - Chamber of Mechanical Engineers

Lean Production and Management Approaches Training (15 Hours) - Chamber of Mechanical Engineers

Geometric Dimensioning and Tolerance Training (9 Hours) - Chamber of Mechanical Engineers

14. Other Trainings

CNC Vertical Machining Center - İstanbul Machine
Heat Pump and Solar Collector - Viessmann
Wind Turbines - Siemens
Industry 4.0 - BSH
Reducer Design - Yılmaz Reducer
Wind Turbines Training – MMO
Wire Erosion Training – Tezmaksan
Additive Manufacturing Training – MMO
Visual Inspection of Resources Training – MMO
Finite Elements Method and Design Process Training – MMO
Particle Transport Simulation Training with Discrete Elements Method – MMO
Solidworks Molding Training – Armada Software
Solidworks Simulation Applications Training - Armada Software
Solidworks Static Analysis Training - Armada Software

15. Projects

Determination of Design Specific Displacement and Accordingly, Optimum Design Properties by Performing Ansys Workbench Vibration Analysis for Drive Motor Cover Variable Front Surface Designs
Exterior Insulated Panel Radiator (Namık Kemal University accepted to project days, printed as a poster)
Vertical Displacement Highway Medium Refuge Steel Barrier System (accepted to Karadeniz Technical University project days)
Tractor Hydraulic Lift Kinematic Analysis
Cycloidic Elevator Door

16. Activities

Win Eurasia Metalworking Surface Treatment - TÜYAP İstanbul
Win Eurasia Automation - TÜYAP İstanbul
İsg Avrasya - Occupational Health and Safety Fair - TÜYAP İstanbul
14th International Elevator Istanbul Fair - TÜYAP İstanbul
Automechanica İstanbul - TÜYAP İstanbul

Glass Products and Applications, Production Processing Technologies and Machinery Fair - TÜYAP İstanbul

17. International Window, Shutter and Facade Systems Production Processing Technologies and Machinery Fair – TÜYAP İstanbul

8. International Door, Shutter, Lock and Panel Systems Production Processing Technologies and Machinery Fair – TÜYAP İstanbul

25th International Packaging Industry Fair – TÜYAP İstanbul

X Ray Spectroscopy and Application Fields Conference – Gümüşhane University