

CV

- Name-Surname** : Emre YILMAZ
- Place of Birth** : Bakırköy
- Title** : Instructor – Mechanical Engineering
- Contact** : emreyilmaz14@aydin.edu.tr
- Education** : M.Sc



Degree	University	Field
B.Sc	Gazi University 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

6. Master Thesis

Elasto-Plastic Stress Analysis of Polymer Matrix Composite Beams Under In-Plane Load Effect

7. Articles

7.1. Articles published in international refereed journals

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

8. 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 Ccience

9. Work Experiences

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

10. Professional Chamber Memberships

Chamber of Mechanical Engineers

11. 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)

Solidworks Flow Simulation

Solidworks Sheet Metal

Solidworks Photo View360

Solidworks Motion

SolidCAM (Turning, milling)

AutoCAD 2D 3D

AutoCAD Mechanical

Inventor

KeyShot 3D Rendering

MS. Office

Adobe Photoshop

Fluid Sim (Hydraulic pneumatic simulations)

12. Certificate Trainings

Graphics and Animation (128 h)- Ministry of Education 2010

Diction (64 h) - Ministry of Education 2011

Worker Healty and Safety - Universal Certificate 2013

Work and Work Psychology - Psychologists Psychiatrists Association 2014

Project Cycle Management (21 h) - Trakya Development Agency 2017

Manufacturin Planning (15 h) - Chamber of Mechanical Engineers 2020

5S, Kaizen (15 h) - Chamber of Mechanical Engineers 2020

Geometric Sizing and Tolerancing (9 h) - Chamber of Mechanical Engineers 2020

13. Other Trainings

CNC Vertical Machining Center (16 h) - İstanbul Machine

Heat Pump and Solar Collector (4 h) - Viessmann

Wind Turbines Eğitim (2 h) - Siemens

Industry 4.0 (2 h) - BSH

Reducer Design (2 h) - Yılmaz Reducer

14. 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

Cycloidal Elevator Door

15. 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