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**PERSONAL**

<b>Date of Birth</b>	30 June 1990
<b>Place of Birth</b>	Eflani, Karabük

**EDUCATION**

<b>2020- Cont.</b>	Atılım University- Mechanical Engineering, PhD
<b>2017-2019</b>	Atılım University- Manufacturing Engineering, MSc
<b>2010-2016</b>	Bilkent University -Mechanical Engineering, BSc

**ACADEMIC POSITIONS**

<b>12/2017- Cont.</b>	Research Assistant, Atılım University, Manufacturing Engineering Department
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**COURSES ASSISTED**

<b>1</b>	ME 425 – Mechanical Vibrations
<b>2</b>	ME 437 – Computational Fluid Dynamics
<b>3</b>	MFGE 404 – Computer Integrated Manufactured
<b>4</b>	MFGE 478 – Production Plant Design

**HONORS&AWARDS**

<b>1</b>	Design of Liquid Piston Compressor - Tübitak 2241-A Scholarship 2016
<b>2</b>	Non-Linear Induced Charged Electro-kinetics – Tübitak 2209-A Scholarship 2015
<b>3</b>	Turkey Government Free Dorm and Scholarship 2004-2008

## RESEARCH INTERESTS

1	Machining of Titanium and Nickel based alloys
2	Finite Element Method
3	Manufacturability of Aerospace Products
4	Emerging Trend in Aerospace Industry
5	1D flow analysis of Centrifugal Compressor

## PUBLICATIONS

1	<b>Yılmaz O. D.</b> , Oliaei S.N.B., “Investigation of the Calculation Ploughing Force and the Effect of Friction Coefficient in Machining of Aluminum 6061-T6”, <i>Makine, Tasarım ve İmalat Dergisi</i> , 18(2), 2019
2	Namlu R. H., <b>Yılmaz O.D.</b> , Çetin B., Kılıç S. E., “Investigating the effect of cutting conditions on machining performance of Al 6061-T6 alloy”, 10th International Congress on Machining (UTIS 2019), Antalya, Turkey
3	Namlu R. H., <b>Yılmaz O.D.</b> , Şimşir C., “Investigating the effect of milling parameters on residual stresses of Ti-6Al-4V”, 18th International Conference on Machine Design and Production (UMTIK 2018), Eskişehir, Turkey
4	Oner S. D., Yıldırım N.Y., <b>Yılmaz O.D.</b> , Cetin B., “Mathematical Modeling of Performance of a Liquid Piston Compressor”, 9th Pump, Valve and Compressor Congress (2016), Istanbul, Turkey
5	<b>Yılmaz O.D.</b> , Köseoğlu H., Duman İ.A., Ekmekçi M., Albayrak E., Çetin S. “Çok partili hayata geçiş sürecinin Türk toplumunun kültürel dokusunda yarattığı etkiler”, <i>Bilkent University History of Turkey</i> , (2013), Ankara, Turkey

## PROJECTS

1	<b>Designer</b> , TEKNOFEST 2019, Mini Jet Radial Compressor Design
2	<b>Designer</b> , TEKNOFEST 2020, Cooling Design Of High Pressure Turbine