

## Res. Asst. BÜŞRA ASLAN

### Personal Information

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### Education Information

Doctorate, Gazi University, Mühendislik Fakültesi, Makina Mühendisliği, Turkey 2019 - Continues

Post Graduate, Bursa Technical University, Fen Bilimleri Enstitüsü, Makine Mühendisliği (YI) (Tezli), Turkey 2016 - 2019

Post Graduate, Bursa Uludağ University, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, Turkey 2015 - 2016

Under Graduate, Gaziantep University, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, Turkey 2010 - 2015

### Dissertations

Post Graduate, YENİLİKÇİ TASARIM YÖNTEMLERİ KULLANARAK EKLEMELİ İMALATA YÖNELİK OPTİMUM ÜRÜN GELİŞTİRİLMESİ, Bursa Technical University, Fen Bilimleri Enstitüsü, Makine Mühendisliği (YI) (Tezli), 2019

### Research Areas

Mechanical Engineering, Engineering and Technology

### Academic Titles / Tasks

Research Assistant, Gazi University, Mühendislik Fakültesi, Makina Mühendisliği, 2019 - Continues

Research Assistant, Bursa Technical University, Faculty Of Engineering And Natural Sciences, Department Of Mechanical Engineering, 2017 - 2019

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Optimum design of automobile components using lattice structures for additive manufacturing**  
Aslan B., YILDIZ A. R.  
MATERIALS TESTING, vol.62, no.6, pp.633-639, 2020 (Journal Indexed in SCI)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Structural Optimization of Airplane Component Using Topology Optimization for Additive Manufacturing**  
ASLAN B., YILMAZ O.  
International Conference on Advanced Materials Science & Engineering and High Tech Devices Applications; Exhibition (ICMATSE 2020), Ankara, Turkey, 02 October 2020
- II. **LATTICE STRUCTURE OPTIMIZATION for ADDITIVE MANUFACTURING**  
ASLAN B., YILDIZ A. R.

2nd International Symposium on Innovative Approaches in Scientific Studies, 30 November - 02 December 2018

III. **Tařıt elemanlarının eklemeli imalat iin kafes yapılar ile hafif tasarımı**

ASLAN B., YILDIZ A. R.

1st International Symposium on Light Alloys and Composite Materials (ISLAC'18), 22 - 24 March 2018