

## Asst. Prof. MÜSLÜM KILINÇ

### Personal Information

**Office Phone:** [+90 352 207 6666](tel:+903522076666) Extension: 32389

**Email:** [kilinc@erciyes.edu.tr](mailto:kilinc@erciyes.edu.tr)

**Web:** <https://avesis.erciyes.edu.tr/kilinc>

### Education Information

Doctorate, University Of South Carolina, College Of Engineering And Computing, Civil Engineering / Structural Engineering, United States Of America 2010 - 2014

Post Graduate, University Of South Carolina, College Of Engineering And Computing, Computer Science And Engineering, United States Of America 2008 - 2010

Under Graduate, Dokuz Eylül Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği, Turkey 1997 - 2001

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, High Throughput Multi-Solution Genetic Algorithm (HTMGA) for Identification of Alternate Solutions in a Structural Model Updating Context, University Of South Carolina, College Of Engineering And Computing, Civil And Environmental Engineering, 2014

### Research Areas

Technical Sciences, Civil Engineering, Structure, Structural Engineering, Earthquake Engineering

### Academic Titles / Tasks

Assistant Professor, Erciyes Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği , 2018 - Continues

Assistant Professor, Erciyes Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği , 2015 - 2018

Lecturer PhD, Erciyes Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği , 2014 - 2015

### Courses

MUKAVEMET II, Under Graduate, 2014 - 2015

MUKAVEMET II, Under Graduate, 2014 - 2015

İLERİ YAPI DİNAMİĞİ, Post Graduate, 2014 - 2015

YAPI STATİĞİ I, Under Graduate, 2014 - 2015

STATİK VE MUKAVEMET, Under Graduate, 2014 - 2015

MUKAVEMET I, Under Graduate, 2014 - 2015

MUKAVEMET I, Under Graduate, 2014 - 2015  
YAPI STATİĞİ II, Under Graduate, 2014 - 2015  
SONLU ELEMANLAR, Post Graduate, 2014 - 2015

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

- **Finding Plausible Optimal Solutions in Engineering Problems Using an Adaptive Genetic Algorithm**  
KILINÇ M., Caicedo J. M.  
ADVANCES IN CIVIL ENGINEERING, 2019 (Journal Indexed in SCI)

### Articles Published in Other Journals

- **Değişken kesitli hiperstatik çerçevenin castigliano teoremi ve mathematica ile çözümü**  
KILINÇ M.  
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.30, pp.318-322, 2014 (National Refreed University Journal)

### Refereed Congress / Symposium Publications in Proceedings

- **Localization of Vibration Sensors for Structural Health Monitoring**  
KILINÇ M., TOPKARAOĞLU N., VURAL E.  
3rd International Conference On Civil And Environmental Engineering (ICOCEE-2018), 24 - 27 April 2018, pp.342
- **Numerical Modelling of Historical Structures with the Observation of Deformations and Cracks**  
KILINÇ M., VURAL E., TOPKARAOĞLU N.  
3rd International Conference On Civil And Environmental Engineering (ICOCEE-2018), 24 - 27 April 2018, pp.341
- **SELECTION OF THE MOST SUITABLE TRUSS TYPE AMONG TRUSS SYSTEMS BY USING AN ITERATIVE METHOD**  
KILINÇ M., ALSAEDI A.  
3rd CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING ISTANBUL 2017- ICAME2017, İstanbul, Turkey, 19 - 21 December 2017, pp.486-496
- **EFFECTS OF TEMPERATURE CHANGES ON THE DYNAMIC PARAMETERS OF A STRUCTURE**  
KILINÇ M., JASSAM Z. A. , HAMEED O. M.  
3rd CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING ISTANBUL 2017- ICAME2017, İstanbul, Turkey, 19 - 21 December 2017, pp.474-479
- **EXPERIMENTALLY IDENTIFICATION OF MODAL PARAMETERS OF STRUCTURES IN STRUCTURAL HEALTH MONITORING**  
KILINÇ M., TOPKARAOĞLU N.  
4 UDMSK Eskişehir 2017, Eskişehir, Turkey, 11 - 13 October 2017, pp.349
- **Stochastic Optimization Method for Structural Model Updating**  
KILINÇ M., MANNEH P. A.  
ICOCEE Cappadocia 2017, Nevşehir, Turkey, 8 - 10 May 2017, pp.1363
- **High Throughput Computing for Identification of Alternate Solutions in a Structure Model Updating**  
KILINÇ M., Caicedo J. M.  
EMI 2013 Engineering Mechanics Conference, Evanston, United States Of America, 4 - 07 August 2013, pp.1
- **Model Updating Cognitive Systems: Multiple Solution Identification**  
KILINÇ M., Caicedo J. M. , Ospina G. A.  
EMI 2011 Engineering Mechanics Conference, Boston, United States Of America, 2 - 04 June 2011, pp.1

## Supported Projects

KILINÇ M., RUDAINI H. A. , Project Supported by Higher Education Institutions, Yapısal Sağlık İzleme ile Titreşim ve Esneklik Yaklaşımlarına Dayalı Yerel Hasar Tespitinin Araştırılması, 2017 - 2019

KILINÇ M., AL-SAEDI A., Project Supported by Higher Education Institutions, Yapısal Tasarım Problemleri için Kafes Elemanlarının Sayısı Büyüklüğü ve Konumunun Optimizasyonu, 2017 - 2019

KILINÇ M., VURAL E., Project Supported by Higher Education Institutions, Yapısal Sağlık İzleme ile Eski Yapıların Dinamik Parametrelerinin Belirlenmesi ve Modellenmesi, 2017 - 2017

KILINÇ M., TOPKARAOĞLU N., Project Supported by Higher Education Institutions, Farklı tipteki yapıların yapısal sağlık takibinde (structural health monitoring) kullanılacak sensörlerin sayısının ve lokasyonunun optimize edilmesi, 2017 - 2017

## Citations

Total Citations (WOS):1

h-index (WOS):1