

## Asst. Prof. EMRE ÜNSAL

### Personal Information

**Email:** eunsal@cumhuriyet.edu.tr

**Web:** <https://avesis.cumhuriyet.edu.tr/eunsal>

### Education Information

Doctorate, Dokuz Eylül Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (Dr), Turkey 2010 - 2016

Postgraduate, Dokuz Eylül Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (YI) (Tezli), Turkey 2006 - 2010

Undergraduate, Erciyes Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey 2000 - 2004

### Dissertations

Doctorate, Energy efficient wireless sensor networks for underground mining applications, Dokuz Eylül Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (Dr), 2016

Postgraduate, Obtaining the three-dimensional structure of the current environment by using fiber grating laser system, Dokuz Eylül Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (YI) (Tezli), 2010

### Academic Titles / Tasks

Research Assistant, Sivas Cumhuriyet Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2017 - Continues

Research Assistant, Dokuz Eylül Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2006 - 2017

Research Assistant, Sivas Cumhuriyet Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2005 - 2006

### Courses

Optik Algılayıcılar ve Uygulamaları, Postgraduate, 2018 - 2019

Sayısal Görüntü İşleme, Undergraduate, 2019 - 2020

Paralel Programlama, Undergraduate, 2018 - 2019

Bilgisayar Ağları, Undergraduate, 2018 - 2019

Bilgisayar Mimarisi, Undergraduate, 2019 - 2020

Bilgisayar Ağları, Undergraduate, 2018 - 2019

Paralel Programlama, Undergraduate, 2018 - 2019

Seminer Dersi, Postgraduate, 2018 - 2019

Bilgisayar Mimarisi, Undergraduate, 2019 - 2020

Sistem Dinamiği ve Denetimi, Undergraduate, 2018 - 2019

Uzmanlık Alan Dersi, Postgraduate, 2019 - 2020

Sistem Dinamiği ve Denetimi, Undergraduate, 2018 - 2019

Sayısal Görüntü İşleme, Undergraduate, 2019 - 2020

Algılayıcılar ve Aktüatörler, Undergraduate, 2019 - 2020

Algılayıcılar ve Aktüatörler, Undergraduate, 2018 - 2019

## Articles Published in Other Journals

- I. **A Matching Model to Measure Compliance between Department and Student**  
TAKCI H., GÜRKAHRAMAN K., ÜNSAL E., YELKUVAN A. F.  
Cumhuriyet Science Journal, vol.41, no.2, pp.467-471, 2020 (Other Refereed National Journals)
- II. **Creating Ontology Based Concept Maps which can be Queried in Computer Enviroment**  
MİLLİ M., ÜNSAL E., AKTAŞ Ö.  
The Online Journal of Science and Technology, vol.6, no.2, pp.30-37, 2016 (Refereed Journals of Other Institutions)
- III. **Low Cost Wireless Sensor Networks for Environment Monitoring**  
ÜNSAL E., MİLLİ M., ÇEBİ Y.  
The Online Journal of Science and Technology, vol.6, no.2, pp.61-67, 2016 (Refereed Journals of Other Institutions)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Computer Assisted Sensory Transformation and Perception Extension System**  
KOÇKANAT S., ÜNSAL E., Tütüncü P., Kopuz E., Esen S.  
International Conference on Innovative Engineering Applications 2018, Sivas, Turkey, 20 - 22 September 2018
- II. **Theoretical Analysis of Simulated First Order TL Glow Peaks**  
YÜKSEL M., ÜNSAL E.  
Second Congress on Radiation Protection, 23 - 25 November 2017, pp.46
- III. **A MATCHING MODEL TO MEASURE COMPLIANCE BETWEEN DEPARTMENT ANDSTUDENT**  
TAKCI H., GÜRKAHRAMAN K., USTA H. G. , ÜNSAL E., YELKUVAN A. F.  
3rd International Congress on Education Sciences and Learning Technology (ICESLT), 15 - 19 November 2017
- IV. **SEEKING CORRELATIONS BETWEEN DEMOGRAPHIC DATA AND ACHIEVEMENTLEVELS OF COMPUTER ENGINEERING STUDENTS**  
TAKCI H., GÜRKAHRAMAN K., ÜNSAL E., YELKUVAN A. F.  
3rd International Congress on Education Sciences and Learning Technology (ICESLT), 15 - 19 November 2017
- V. **Low cost Wireless Sensor Networks for Greenhouse Monitoring Applications**  
ÜNSAL E., MİLLİ M., AKTAŞ Ö., ÇEBİ Y.  
4th International Conference on Advanced Technology & Sciences(ICAT'Rome), 23 - 25 November 2016
- VI. **Development of a Thermoluminescence Parameter Calculator Program**  
YÜKSEL M., ÜNSAL E.  
4th International Conference on Advanced Technology & Sciences (ICAT'Rome), 23 - 25 November 2016
- VII. **A New Software for Evaluating Thermoluminescence Glow Peaks**  
YÜKSEL M., ÜNSAL E.  
10th International Conference on Luminescence and ESR Dosimetry (LumiDoz-10), 5 - 07 September 2016
- VIII. **Power management for Wireless Sensor Networks in underground mining**  
ÜNSAL E., AKKAN T., AKKAN L. Ö. , ÇEBİ Y.  
2016 24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016
- IX. **An Initial Study of Developing a TL Glow Curve Deconvolution Application**  
YÜKSEL M., ÜNSAL E., DOĞAN T., TOPAKSU M.  
International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology (TESNAT2016), 28 - 30 April 2016
- X. **Thermoluminescence Glow Curve Properties of TLD-500 Dosimeter**  
YÜKSEL M., PORTAKAL Z. G. , DOĞAN T., TOPAKSU M., ÜNSAL E.  
Third International Conference on Radiation and Applications in Various Fields of Research Conference (RAD2015), Budva, Montenegro, 8 - 12 June 2015, vol.3, pp.387-392