

**Curriculum Vitae**  
Ümit ALKAN, Assist. Prof. Dr.

**1. Education:**

- a. **BSc:** Yıldız Technical University Department of Physics, 2001
- b. **MSc:** Yıldız Technical University Department of Physics, 2004
- e. **PhD:** Yıldız Technical University Department of Physics, 2011

**2. Academic Experience:**

- a. Assistant Prof. Dr.; İstanbul Yeni Yüzyıl University, Medical School, 2012-2013
- b. Assistant Prof. Dr.; İstanbul Gelişim University , Computer Engineering, 2015-present

**3. Non-Academic Experience:**

**4. Certifications or professional registrations:**

**5. Current membership in professional organizations:**

- a. Turkish Physical Society

**6. Honors and awards:**

**7. Service activities:**

- a. Deputy director in Institute of Pure and Applied Sciences, İstanbul Gelişim University, 2015-present

**8. Important publications (at most 5 titles):**

- a. Ü. Alkan, Y. Özcanlı, V. Alekberov, "Effect of temperature and time on mechanical and electrical properties of HDPE glass fiber composites." *Fibers and Polymers*, 14(1), 115-120, 2013
- b. Cinar Meltem, M. Kılıç, Y. Karabul, M. Okutan, O. İçelli, N.Y. Canlı, Ü. Alkan , "Structure and Impedance Properties of Some Basalt Materials Under Magnetic Field", *Journal of Nanoelectronics and Optoelectronics*, 11(4), 477-483, 2016.
- c. Ü. Alkan, M. Kılıç,, Y. Karabul, H. B. Yamak, M. Okutan, O. İçelli, "Electrical and Mechanical Properties of LDPE PANI Composites", *Journal of Nanoelectronics and Optoelectronics*, 11(3), 343-348, 2016.
- d. M. Kılıç, Y. Karabul, Ü. Alkan, Ö. Yağcı, M. Okutan, M. Okutan, O. İçelli, "Gamma-Ray Irradiation Effect On Mechanical And Dielectric Properties Of Volcanic Basalt Mineral Reinforced Low Density Polyethylene Films", *Physicochemical Problems Of Mineral Processing*, 53(1), 578-590, 2017.
- e. Ü. Alkan, Y. Karabul, A.E. Bulgurcuoğlu, M. Kılıç, Z. G. Özdemir, O. İçelli, "Polypropylene/Basalt Thick Film Composites: Structural, Mechanical and Dielectric Properties", *e-Polymers*, 17(5), 2017.

**9. Most recent professional development activities:**

**a.** Researcher: Investigation Of Mechanical And Electrical Properties Of Polymeric Composites Under The Effect Of Stabilizing And Abrasive Factors, 2001 (27-01-01-02) Supported by YTÜ BAP. (114Y076).

**b.** Researcher: Investigation of Dielectric and Mechanical Properties of Polymeric Composites at Different Temperatures, 2017 Supported by YTÜ BAP.

## **8. Important publications (at most 5 titles):**

- a.** Özkul Cafer, Çiftçi Emin, Köprübaşı Nezihi, Tokel Selçuk, Savas Mehmet “Geogenic arsenic anomalies in soils and stream waters of Neogene Emet basin (Kutahya-Western Turkey)”. *Environmental Earth Sciences*, Volume 73, Issue 10, pp 6117-6130, May 2015
- b.** E. Çiftçi, “Mercurian sphalerite from Akoluk deposit (Ordu, NE Turkey): Hg as a cathodoluminescence activator”. *Mineralogical Magazine*, Vol. 73(2), pp. 165–175, 2009
- c.** Çiftçi, E., Hogan, J. P., Kolaylı, H., Çadırılı, E., “An Unusual Rock, Natrolite – Occurrence, Petrographic and Geochemical Characteristics (Eastern Turkey)”. *Clays and Clay Minerals*, Vol. 56, No. 2, 194–208, 2008
- d.** E. Çiftçi, E. (Taşhan) Şevketbeyoğlu, and S. Tokel, “Iodine concentrations of soils near Trabzon, Turkey: a region of endemic goiter”. *J. of Environmental Geology*, 53(2) 457-465, 2007
- e.** E. Çiftçi, H. Kolaylı and S. Tokel, “Lead-Arsenic Soil Geochemical Study as an Exploration Guide over the Killik Volcanogenic Massive Sulfide Deposit, Northeastern Turkey”. *J. of Geochemical Exploration*, 86, 49–59, 2005

## **9. Most recent professional development activities:**

- a.** Project Manager: Fluid Inclusions and Stable Isotope (H-O-S) Characteristics of Ore-Forming Fluids Responsible from the Formation of Volcanogenic Massive Sulfide (VMS) Deposits in the Eastern Pontides (NE Turkey)”, 2015-17, Supported by TÜBİTAK (114Y076).
- b.** Associate Researcher: Determination of Rare Earth Elements Potential of Residual Formations in Southern Anatolia Tauride Belt, 2015-18, Supported by TÜBİTAK (114Y646).