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EĞİTİM BİLGİLERİ:

Lisans: (1998-2002) Yapı Ressamlığı Öğretmenliği, Fırat Üniversitesi, Elazığ

Yüksek Lisans: (2003-2006) Yapı Eğitimi ABD, FBE, Afyon Kocatepe Üniversitesi, Afyon

Doktora: (2006-2009) İnşaat Mühendisliği, Süleyman Demirel Üniversitesi, Isparta

ÜNVAN:

2018	Profesör	İnşaat Mühendisliği, Bartın Üniversitesi, Bartın
2012-2018	Doçent	İnşaat Mühendisliği, Bartın Üniversitesi, Bartın
2009-2012	Yardımcı Doçent	İnşaat Mühendisliği, Bartın Üniversitesi, Bartın

ONUR VE ÖDÜLLER:

1. (2008-2009) Laboratory of Advanced Polymers & Optimized Materials (LAPOM), Department of Materials Science and Engineering and Center for Advanced Research and Technology (CART), University of North Texas, Denton, TX-USA (International Research Fellowship Program -TUBITAK).
2. (2011) Laboratory of Advanced Polymers & Optimized Materials (LAPOM), Department of Materials Science and Engineering and Center for Advanced Research and Technology (CART), University of North Texas, Denton, TX-USA. (Post-Doc)
3. (2011 - 2018) TÜBİTAK International Scientific Publications Incentive Awards

YAYINLANMIŞ KİTAPLAR ve KİTAPLARDA BÖLÜMLER:

1. Martinez-Barrera, G., Beycioğlu, A., G., Gencel, O., Subaşı, S., González-Rivas, N. "Artificial Intelligence Methods and Their Applications in Civil Engineering" Section II - Incorporating Information Technology into Materials Science and Engineering and Corrosion Education, Chapter 9, page 166-189. Recent Developments in Materials Science and Corrosion Engineering Education, Advances in Chemical and Materials Engineering (ACME) Book Series, February 28, ISSN: 9781466681835 (2015).
2. Martinez-Barrera G, Gencel O. Waste Materials cured and modified by irradiating and their use in concrete. in Photocured Materials. Chapter 16. Page 347-359. Publisher: Royal Society of Chemistry. ISBN: 9781782620013. (2014).
3. Korkut T, Köksal F, Gencel O. Neutron shielding properties of some vermiculite-loaded new samples. Chapter 14 in "NUCLEAR REACTORS", ISBN 978-953-51-0018-8, INTECH Publish, (2012).
4. Menchaca-Campos C, Barrera-Díaz C.E, Martínez-Barrera G, Gencel O. Influence of irradiated polymeric fibers on the mechanical properties of concretes: analysis by microscopy. Current

microscopy contributions to advances in science and technology. FORMATEX Microscopy Series N° 5, Volume 2 1123-1129. ISBN 978-84-939843-6-6, Publisher: Formatex Research Center, Spain. (2012)

5. Gencil O. Gamma and neutron shielding characteristics of concretes containing different colemanite proportions. Chapter 5 in "NUCLEAR SCIENCE AND TECHNOLOGY". ISBN: 978-81-7895-546-9 (2012)

PATENTLER:

YAYINLANMIŞ MAKALELER (SCI indeks):

1. Martínez-Barrera G, Martínez-López M, del Coz-Díaz JJ, Ávila-Córdoba L, Reis JML, Gencil O. (2017) "Recycled cellulose from Tetra Pak packaging as reinforcement of polyester based composites." *Construction and Building Materials* 157 1018-1023.
2. Bilir T, Yuksel I, Topcu I.B, Gencil O. (2017) "Effects of bottom ash and granulated blast furnace slag as fine aggregate on abrasion resistance of concrete. *Science and Engineering of Composite Materials*" 24(2) 261-269.
3. Beycioglu A, Gültekin A, Aruntas H.Y, Gencil O, Dobiszewska M, Brostow W. (2017) "Mechanical properties of blended cements at elevated temperatures predicted using a fuzzy logic model." *Computers and Concrete* 20(2) 247-255.
4. Martínez-Barrera G, Martínez-López M, del Coz-Díaz JJ, Ávila-Córdoba L, Reis JML, Gencil O. (2017) "Recycled cellulose from Tetra Pak packaging as reinforcement of polyester based composites." *Construction and Building Materials* 157 1018-1023.
5. Gencil O, del Coz Díaz JJ, Sutcu M, Koksall F, Alvarez Rabanal FP, Martinez-Barrera G. (2016) "A novel lightweight gypsum composite with diatomite and polypropylene fibers. *Construction and Building Materials*." 113 732-740.
6. Donduren MS, Kanit R, Kalkan I, Gencil O. (2016) "Influence of special plaster composites on the out-of-plane behavior of masonry walls." *Earthquakes and Structures*. 10(4) 769-788.
7. Ulusu H, Aruntas HY, Gencil O. (2016) "Influence of pumice on properties of blended cement. " *Construction and Building Materials* 118 11-19.
8. Ozturk S, Sutcu M, Yalamac E, Gencil O. (2016) "A Taguchi approach to the influence of olive mill waste addition on the properties of lightweight clay bricks." *Journal of Environmental Management* 181 185-192.
9. Bilir T, Gencil O, Topcu I.B. (2016) "Prediction of restrained shrinkage crack widths of slag mortar composites by Takagi and Sugeno ANFIS models." *Neural Network and Applications* 27(8) 2523-2536.
10. Beycioglu A, Gencil O, Aruntas H.Y, Hagg-Lonland H.E, Samandar A, Brostow W, (2016) "Effect of elevated temperatures on properties of blended cements with clinoptilolite." *Material Science Medziagotyra* 22(4) 548-552.
11. Tekin I, Birgul R, Yaman IO, Gencil O, Aruntas HY. (2015) "Monitoring macro voids in mortars by computerized tomography method." *Measurement* 63 299-308.
12. Sutcu M, Alptekin H, Erdogmus E, Er Y, Gencil O. (2015) "Characteristics of fired clay bricks with waste marble powder addition." *Construction and Building Materials* 82 1-8.
13. Koksall F, Gencil O, Kaya M. (2015) "Combined effect of silica fume and expanded vermiculite on properties of lightweight mortars at ambient and elevated temperatures."

- Construction and Building Materials 88 175-187.
14. Aygun B, Turgay K, Karabulut B, Gencel O, Karabulut A. (2015) ‘‘ Production and Neutron Irradiation Tests on the New Epox/Molybdenum Composite.’’ International Journal of Polymer Analysis and Characterization 20 323-329.
 15. Gencel O. (2015) ‘‘Characteristics of fired bricks with pumice.’’Energy and Buildings 102 217-224.
 16. Koksall F, Serrano-Lopez M.A, Şahin M, Gencel O, Lopez-Colina C. (2015) ‘‘Combined effect of steel fibre and expanded vermiculite on properties of lightweight mortar at elevated temperatures.’’ Materials and Structures 48(7) 2083-2092.
 17. Bilir T, Gencel O, Topcu I.B. (2015) ‘‘Properties of mortars with fly ash as fine aggregate.’’Construction and Building Materials 93 175-187.
 18. Del Coz Diaz JJ, Alvarez Rabanal FP, Gencel O, Garcia Nieto PJ, Alonso Martinez M, Navarro Manso A, Prendes-Gero B. (2014) ‘‘Hygrothermal study of lightweight concrete hollow bricks: A new proposed experimental-numerical method.’’ Energy and Buildings 70 194-206.
 19. Gencel O, del Coz Diaz J.J, Sutcu M, Koksall F, Alvarez Rabanal F.P, Martinez Barrera G, Brostow W, (2014) ‘‘Properties of gypsum composites containing vermiculite and polypropylene fibers: Numerical and experimental results.’’ Energy and Buildings 70 135-144.
 20. Gencel O, Kocabas F, del Coz Diaz JJ. (2014) ‘‘A comparative modeling study to estimate wear of concrete.’’ Neural Computing and Applications 24(2-3) 649-662.
 21. Sutcu M, del Coz Diaz J.J, Alvarez Rabanal F.P, Gencel O, Akkurt S. (2014) ‘‘Thermal performance optimization of hollow clay bricks made up of paper waste.’’ Energy and Buildings 75 96-108.
 22. Cay VV, Sutcu M, Gencel O, Korkut T. (2014) ‘‘Neutron shielding experiments about FeCr slag and natural zeolite loaded brick samples.’’ Science and Technology of Nuclear Installations Volume Article ID 971490, <http://dx.doi.org/10.1155/2014/971490>
 23. Martinez-Barrera G, Menchaca Campos C, Gencel O. (2013) ‘‘Polyester Polymer Concrete: Effect of the marble particle sizes and high gamma radiation doses.’’ Construction and Building Materials 41 204-208.
 24. Gencel O, Koksall F, Brostow W. (2013) ‘‘ Wear minimisation in concrete with haematite.’’ Materials Research Innovations 17(2) 92-97.
 25. Chonkaew W, Dehkordi P, Menard KP, Brostow W, Menard N, Gencel O. (2013) ‘‘Photo differential scanning calorimetry, UV thermal mechanical analysis and UV dynamic mechanical analysis of light cured acrylics.’’ Materials Research Innovations 17(4) 263-268.
 26. Korkut T, Gencel O, Kam E, Brostow W. (2013) ‘‘X ray, gamma and neutron radiation tests on Epoxy-Ferrochromium slag composites.’’ International Journal of Polymer Analysis and Characterization 18(3) 224-231.
 27. Gencel O, Koksall F, Sahin M, Durgun MY, Lobland HEH, Brostow W. (2013) ‘‘Modeling of thermal conductivity of concrete with vermiculite using by artificial neural networks approaches.’’ Experimental Heat Transfer 26(4) 360-383.
 28. Gencel O, Ozel C, Koksall F, Martinez-Barrera G, Brostow W, Polat H. (2013) ‘‘Fuzzy logic model for prediction of self-compacting concrete properties.’’ Materials Science – Medziagotyra 19(2) 203-215.
 29. Koksall F, Sahin Y, Gencel O, Yigit I. (2013) ‘‘Fracture energy-based optimization of steel fibre reinforced concretes.’’ Engineering Fracture Mechanics 107 29-37

30. Koksall F, del Coz Diaz JJ, Gencil O, Rabanal FA. (2013) "Experimental and numerical analysis of new bricks made up of polymer modified-cement lightweight using expanded vermiculite." *Computers and Concrete* 12(3) 19-36.
31. Gencil O, Brostow W, del Coz Diaz JJ, Martinez-Barrera G, Beycioglu A. (2013) "Effects of elevated temperatures on mechanical properties of concrete containing hematite evaluated fuzzy logic model." *Materials Research Innovations* 17(6) 382-391.
32. Martinez-Barrera G, Viguera-Santiago E, Hernandez-Lopez S, Gencil O, Urena-Nunez F. (2013) "Polypropylene fibers as reinforcements of polyester-based composites." *International Journal of Polymer Science*, Volume, Article ID 143894, 6 pages <http://dx.doi.org/10.1155/2013/143894>
33. Gencil O, Sutcu M, Erdogmus E, Koc V, Cay VV, Gok MS. (2013) "Properties of bricks with waste ferrochromium slag and zeolite." *Journal of Cleaner Production* 59 111-119.
34. Uygunoglu T, Brostow W, Gencil O, Topcu I.B. (2013) "Bond strength of polymer lightweight aggregate concrete." *Polymer Composites* 34(12) 2125-2132.
35. Gencil O, Ozel C, Koksall F, Erdogmus E, Martínez-Barrera G, Brostow W. (2012) "Properties of concrete paving blocks made with waste marble." *Journal of Cleaner Production* 21(1) 62-70.
36. Gencil O, Koksall F, Ozel C, Brostow W. (2012) "Combined effect of fly ash and waste ferrochromium on properties of concrete." *Construction and Building Materials* 29 633-640.
37. Korkut T, Karabulut A, Budak G, Aygun B, Gencil O, Hancerliogullari A. (2012) "Investigation of neutron shielding properties depending on number of boron atoms for colemanite, ulexite and tincal ores by experiments and FLUKA Monte Carlo simulations." *Applied Radiation and Isotopes* 70(1) 341-345.
38. Koksall F, Gencil O, Lobland HEH, Brostow W. (2012) "Effect of high temperature on mechanical and physical properties of lightweight cement based refractory including expanded vermiculite." *Materials Research Innovations* 16(1) 7-13.
39. Uygunoglu T, Topcu IB, Gencil O, Brostow W. (2012) "The effect of fly ash content and types of aggregates on the properties of pre-fabricated concrete interlocking blocks (PCIBs)." *Construction and Building Materials* 30 180-187.
40. Gencil O, Brostow W, Martínez-Barrera G, Gok MS. (2012) "Mechanical properties of polymer concretes containing different amount of hematite or colemanite." *Polimery* 57(4) 17-24.
41. Gencil O. (2012) "Effect of elevated temperatures on mechanical properties of high strength concrete containing varying proportions of hematite." *Fire and Materials* 36(3) 217-230.
42. Koksall F, Gencil O, Unal B, Durgun MY. (2012) "Durability properties of concrete reinforced with steel-polypropylene hybrid fibers." *Science and Engineering of Composite Materials* 19(1) 19-27.
43. Gencil O, Ozel C, Filiz M, Koksall F. (2012) "The relations between mechanical strengths and abrasive wear of concrete incorporating hematite aggregate." *International Journal of Pavement Engineering* 13(3) 235-243.
44. Erdogmus E, Erdogan Y, Gencil O, Targan S, Avciata U. (2012) "Influence of colemanite admixture on Portland cement durability." *Advances in Cement Research* 24(3) 155-164.
45. Koksall F, Sahin Y, Beycioglu A, Gencil O, Brostow W. (2012) "Estimation of fracture energy of high strength steel fiber reinforced concrete using rule based mamdani type fuzzy inference system." *Science and Engineering of Composite Materials* 19(4) 373-380.

46. Gencil O, Kocabas F, Gok MS, Koksall F. (2011) "Comparison of artificial neural networks and general linear model approaches for the analysis of abrasive wear of concrete." *Construction and building materials* 25(8) 3486–3494.
47. Gencil O, Brostow W, Tea D, Thedford M. (2011) "Workability and mechanical performance of steel-fiber-reinforced self-compacting concrete with fly ash." *Composite Interfaces* 18(2) 169–184.
48. Gencil O, Gok MS, Brostow W. (2011) "Effect of metallic aggregate and cement content on abrasion resistance behavior of concrete." *Materials Research Innovations* 15(2) 116-123.
49. Gencil O, Ozel C, Brostow W, Martínez-Barrera G. (2011) "Mechanical properties of self-compacting concrete reinforced with polypropylene fibers." *Materials Research Innovations* 15(3) 216-225.
50. Gencil O, Ozel C, Filiz M. (2011) "Investigation on abrasive wear of concrete containing hematite." *Indian Journal of Engineering & Materials Sciences* 18(1) 40-48.
51. Martínez-Barrera G, Urena-Nunez F, Gencil O, Brostow W. (2011) "Mechanical properties of polypropylene-fiber reinforced concrete after gamma irradiation." *Composites: Part A* 42(5) 567–572.
52. Martínez-Barrera G, Viguera-Santiago E, Gencil O, Lobland HEH. (2011) "Polymer concretes: a description and methods for modification and improvement." *Journal of Materials Education* 33(1-2) 37-52.
53. Barrera-Díaz C, Martínez-Barrera G, Gencil O, Brostow W, Bernal-Martínez L.A. (2011) "Processed wastewater sludge recycled for improvement of mechanical properties of concretes." *Journal of Hazardous Materials* 192(1) 108-115.
54. Gencil O. (2011) "Physical and mechanical properties of concrete containing hematite as aggregates." *Science and Engineering of Composite Materials* 18(3) 191-199.
55. Gencil O, Bozkurt A, Kam E, Korkut T. (2011) "Determination and calculation of gamma and neutron shielding characteristics of concretes containing different hematite proportions." *Annals of Nuclear Energy* 38(12) 2719-2723.
56. Gok MS, Gencil O, Kucuk Y, Koc V, Cay VV. (2011) "Effect of abrasive particle size on abrasive wear of ceramic coatings sprayed by plasma process." *Powder Metallurgy and Metal Ceramics*. 50(5-6) 95-104.
57. Gok MS, Kucuk Y, Gencil O, Koc V, Brostow W. (2011) "Application of Taguchi method to study abrasive wear behaviour of ceramic coated specimens with plasma technique." *Mechanics of Advanced Materials and Structures* 18(6) 389-395.
58. Gencil O, Nazıroğlu M, Celik O, Yalman K, Bayram D. (2010) "Selenium and vitamin E Modulates Radiation- Induced Liver Toxicity in Pregnant and Nonpregnant Rat: Effects of Colemanite and Hematite Shielding." *Biol Trace Elem Res* 135(1-3) 253-263.
59. Gencil O, Brostow W, Ozel C, Filiz M. (2010) "An investigation on the concrete properties containing colemanite." *Int J Phys Sci* 5(3) 216-225.
60. Gencil O, Brostow W, Ozel C, Filiz M. (2010) "Concretes containing hematite for use as shielding barriers." *Materials Science – Medziagotyra* 16(3) 249-256.
61. Areshidze G, Barbakadze K, Brostow W, Datashvili T, Gencil O, Lekveishvili E, Lekishvili N. (2010) "Separation of polycyclic hydrocarbons from Georgian petroleum." *Materials Science – Medziagotyra* 16(2) 170-175.
62. Gencil O. (2009) "The application of artificial neural networks technique to estimate mass attenuation coefficient of shielding barrier." *Int J Phys Sci* 4(12) 743-751.
63. Gumral N, Nazıroğlu M, Koyu A, Öngel K, Celik O, Saygin M, Kahriman M, Caliskan S, Kayan M, Gencil O, Flores-Arce MF. (2009) "Effects of selenium and L-Carnitine on

oxidative stress in blood of rat induced by 2.45-GHz radiation from wireless devices.” *Biol Trace Elem Res* 132(1-3) 153-163.

YAYINLANMIŞ ULUSAL MAKALELER:

1. Unal O, Uygunoglu T, Gencil O. (2007) ‘‘Çelik liflerin beton basınç ve eğilme özelliklerine etkisi.’’ *Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi* 13(1) 23-30.
2. Martinez-Barrera G, Martinez-Lopez M, Viguera-Santiago E, Gencil O, Beycioglu A, Reis JML. (2014) ‘‘Polymer concrete reinforced with luffa fibers: effect of gamma radiation.’’ *Rev. Téc. Ing. Univ. Zulia*. 37(3) 22-29.
3. Ören OH, Gencil O. (2017) ‘‘Foam Concrete. Bartın Üniversitesi Mühendislik ve Teknoloji Bilimleri Dergisi’’ 5(2) 129-136.
4. Gencil O, Uygunoglu T, Koksall F, Durgun MY. (2015) ‘‘Hafif ahregalı polimer betonların özellikleri.’’ *Bartın Üniversitesi Mühendislik ve Teknoloji Bilimleri Dergisi* 3(2) 42-50.
5. Martínez-López M, Martínez-Barrera G, del Coz-Díaz J.J, Martínez-Martínez J.E, Gencil O, Ribeiro M.C.S, Varela-Guerrero V. (2018) ‘‘Polymer waste materials as fillers in polymer mortars: experimental and finite elements simulation.’’ *Case Studies in Construction Materials* 9 e00178.

YAYINLANMIŞ KONFERANS MAKALELERİ:

1. O, Uygunoglu T, Gencil O. (30 November – 1 December 2006) An investigation on properties of steel fiber concretes under axial load. Pg. 203-208, Lefke University 4th FAE International Symposium, Cyprus.
2. Filiz M, Gencil O, Ozel C, Sancak E.(June 19-21, 2008) Investigation on radiation protection properties of concrete with hematite. International Ready Mixed Concrete Congress Proceeding. Pg. 635-644., Istanbul, Turkey.
3. Uygunođlu T, Gencil O, Brostow W, Topçu İ.B.(3-5 October 2012) Production of Lightweight Polymer Concrete with Pumice. ASPIC 2012 ‘‘7th ASIAN SYMPOSIUM on POLYMERS in CONCRETE’’ ISTANBUL – TURKEY.
4. Koksall F, Gencil O. Properties of Polymer Modified-Cement Lightweight Mortar Prepared by Using Expanded Vermiculite. ASPIC 2012 ‘‘7th ASIAN SYMPOSIUM on POLYMERS in CONCRETE’’ ISTANBUL – TURKEY, 3-5 October 2012.
5. Martínez-Barrera G, Mechaca-Campos C, Gencil O.(11-13 October 2012) Polymer concrete improved by gamma irradiation. International Construction Congress 2012, ICONC2012, ISPARTA – TURKEY
6. J.J. del Coz Díaz, O. Gencil, F.P. Alvarez Rabanal ,J.L. Suárez Sierra, J. Guerrero Muñoz , R. Suarez Sierra, F.J. Suarez Domínguez, A. Martín Rodríguez, M. Alonso Martínez, Navarro Manso. (11-13 October 2012) Hybrid engineering: Testing and simulation in the Civil Construction field. International Construction Congress 2012, ICONC2012, ISPARTA – TURKEY.
7. Babayev Z., Köksall F., Görkem S.E., Gencil O. ve Erol H. (16-17 Ekim 2014) ‘‘Effect of steel fibre on deformation capacity of reinforced concrete beams under bending’’, Scientific-Technical Progress in Construction and Architecture Conference. Bakü, Azerbaijan.
8. Ozturk S, Sutcu M, Yalamac E, Gencil O. (September 15-18, 2015) An experimental design for the optimization of manufacturing process of porous bricks from olive mill waste. International Porous and Powder Materials Symposium and Exhibition. Izmir-Turkey

9. Dal S, Sütçü M, Gök MS, Gencil O. Şamot refrakter tuğlaların sinterlenme özelliklerine vermikülit ilavesinin etkisi. Uluslararası malzeme bilimi ve teknolojisi konferansı Kapadokya (imstec'16), 6-8 Nisan 2016, Nevşehir, Türkiye.
10. Dal S, Sütçü M, Gök MS, Gencil O. Kil bağlayıcı kullanarak üretilen vermikülit esaslı tuğlaların özelliklerinin incelenmesi. Uluslararası malzeme bilimi ve teknolojisi konferansı Kapadokya (imstec'16), 6-8 Nisan 2016, Nevşehir, Türkiye.
11. Gencil O. Effect of steel fiber type on freeze thaw durability of concrete. Natural Disasters and Disasters Management Symposium (DAAYS'16), March 2-4, 2016, Karabük, Turkey
12. Gencil O, Kalkan I, Donduren M.S., Lee J.H. Contribution of a Special Plaster on the Out-Of-Plane Bending Behavior of Unreinforced Masonry Walls. The 2016 Structures Congress, Jeju Island, Korea, August 28-September 1, 2016.
13. Hökelekli E, Ercan E, Nohutcu H, Demir A, Gencil O. Tarihi Bir Camiinin Dinamik Karakteristiklerinin Analitik ve Deneysel Yöntemlerle Belirlenmesi. 6. Tarihi yapıların korunması ve güçlendirilmesi sempozyumu 2-4 Kasım 2017. Trabzon.
14. Okur O, Sahin Y, Koksall F, Gencil O. Some properties of concrete paving block produced by using coal waste powder as filler material. 2nd International conference on civil and environmental engineering 8 – 10 May 2017. Nevşehir, Turkey.
15. Ustaoglu A, Kurtoglu K, Gencil O, Erdogmus E, Gok MS. Evaluation of building energy performance with paper waste reinforced clay brick. 1st. International symposium on multidisciplinary studies and innovative Technologies. 2-4 November 2017, Tokat, Turkey.
16. Ustaoglu A, Kurtoglu K, Gencil O, Erdogmus E, Gok MS. Effect of paper waste reinforced clay bricks on building energy cost. 1st. International symposium on multidisciplinary studies and innovative Technologies. 2-4 November 2017, Tokat, Turkey.

ARAŞTIRMA PROJELERİ:

1. Araştırmacı, Ağır ve kolemanit agregalı betonun radyasyon önlemede kullanımının araştırılması. (106M442. TÜBİTAK) (2007-2009).
2. Araştırmacı, An investigation of protective effect of concrete with colemanite on the radiation-induced oxidative stress in pregnant rats.(1530-D-07. SDÜBAP) (2007-2009).
3. Araştırmacı, Pomzayla üretilen hafif polimer betonun fiziksel ve mekanik özelliklerinin araştırılması. (11.MUH.01. AKUBAP) (2011-2013).
4. Yürütücü, Hafif agregalı polimer betonların fiziksel ve mekanik özelliklerinin araştırılması. (BAP-2011-2-33) (2012 - 2015).
5. Araştırmacı, Isı yalıtım amaçlı hafif tuğla yapı malzemelerinin geliştirilmesinde tarımsal ve endüstriyel atıkların kullanılabilirliğinin araştırılması. (2013-2-FMPBP-29)(2014 - 2015).
6. Danışman, Kurşun madeni atıklarının kullanılması ile radyasyon zırhlamada yeni bir kompozitin malzemenin üretilmesi.(113M317 TÜBİTAK) (2013 – 2015).
7. Araştırmacı, Investigation on mechanical properties of concrete paving blocks with ferrochromium slag.(2013.2.96)(2013 - 2017).
8. Araştırmacı, Farklı deprem yükleri altında tarihi yığma bir yapının deprem davranışının incelenmesi.(2016-FEN-B-001,TL)(2016-2017).
9. Araştırmacı, Lifli Polimer Donatı Çubuklarının Kenetlenme Boyları ile Lifli Polimer Donatı Oranının Hibrid FRP-Çelik Donatılı Beton Kirişlerin Eğilme Davranışı Üzerindeki Etkileri. (2016 - Devam ediyor).

