

# Prof. BÜLENT EKİCİ

## Personal Information

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## International Researcher IDs

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Yoksis Researcher ID: 172350

## Biography

Prof.Dr. Bülent Ekici 1988Yılında Boğaziçi Üniversitesiden Makine Mühendisi olarak mezun oldu. 1991 Yılında aynı üniversiteden Makina Yüksek Mühendisi unvanını aldı. 1998 yılında aynı üniversitede Doktora derecesini aldı. Doktora çalışmasında çelik polimer alüminyum plakaların şekillendirilebilirliğini inceledi.

Profesör Ekici beş yıl Boğaziçi Üniversitesi Mühendislik Fakültesi Makine Mühendisliği Bölümü'nde araştırma görevlisi çalışmış olup 1993 yılında itibaren de çalışmalarını Marmara Üniversitesi Mühendislik Fakültesi Makine Mühendisliği Bölümünde sürdürmektedir. Kendisi on yıl Bölüm Başkan Yardımcılığı üç yıl dekan yardımcılığı yapmıştır. Fen Bilimleri Enstitüsü Müdürlüğü görevini 2017 yılından beri sürdürmektedir. Aynı zamanda Makine Mühendisliği Bölüm Başkanıdır.

## Education Information

Doctorate, Bogazici University, Institute Of Science, Makine Mühendisliği (Dr), Turkey 1991 - 1998

Postgraduate, Bogazici University, Faculty Of Engineering, Department Of Mechanical Engineering, Turkey 1988 - 1991

Undergraduate, Bogazici University, Faculty Of Engineering, Department Of Mechanical Engineering, Turkey 1983 - 1988

## Foreign Languages

English, C1 Advanced

## Dissertations

Doctorate, Numerical examination and production of steel-polymer aluminum laminated composites, Boğaziçi Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği (Dr), 1998

Postgraduate, Determination of mechanical strength distribution of bovine femur, Boğaziçi Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, 1991

## Research Areas

Construction and Manufacturing

## Academic Titles / Tasks

Professor, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Mechanical Engineering (Eng), 2017 - Continues

Professor, Marmara University, Faculty of Engineering, Mechanical Engineering, 2015 - Continues

Professor, Istanbul Sehir University, Rectorate, 2020 - 2021

Associate Professor, Marmara University, Faculty of Engineering, Mechanical Engineering, 2010 - 2015

Assistant Professor, Marmara University, Faculty of Engineering, Mechanical Engineering, 1999 - 2010

Lecturer, Marmara University, Faculty of Engineering, Industrial Engineering, 1993 - 1999

Research Assistant, Bogazici University, Engineering (Civil, Mechanical, Chemical, Electrical, Industrial), 1989 - 1993

## Academic and Administrative Experience

Marmara University, Faculty of Engineering, Mechanical Engineering, 2016 - Continues

Marmara University, Faculty of Engineering, 2014 - Continues

Marmara University, Faculty of Engineering, 2014 - Continues

Marmara University, Faculty of Engineering, Mechanical Engineering, 2009 - Continues

Marmara University, Faculty of Engineering, Mechanical Engineering, 2006 - Continues

## Courses

CONTINUUM MECHANICS, Doctorate, 2019 - 2020

## Advising Theses

EKİCİ B., Sustainable machining of the magnesium alloy materials in the cnc lathe machine and optimization of the cutting conditions, Doctorate, B.EKER(Student), 2014

EKİCİ B., Design and simulation of pectus bar used for treating pectus carinatum syndrome, Postgraduate, F.ÖRTEŞ(Student), 2014

EKİCİ B., Comparison of experimental results with fem for velocity impact response behavior of laminated composite arches, Postgraduate, A.İMİRAN(Student), 2014

EKİCİ B., Development of multi-layer ballistic armor panel with simulation and ballistic tests, Doctorate, N.KILIÇ(Student), 2014

EKİCİ B., Design and manufacturing of a Turkish Tirkeş bow by composite material, Postgraduate, S.Demir(Student), 2012

EKİCİ B., Design and manufacturing of a Turkish Tirkeş Bow by composite materials, Postgraduate, S.DEMİR(Student), 2012

EKİCİ B., Equal channel angular extrusion die and it's applications, Postgraduate, S.AKDOVAN(Student), 2011

EKİCİ B., Probabilistic approach on the analysis of a Kayabaşı\_Ekici type hip prosthesis using approximate solution techniques, Doctorate, O.KAYABAŞI(Student), 2011

KURT M., EKİCİ B., Eğri kök kanal tedavilernde kullanılan Ni-Ti döner aletlerdeki gerilmelerin sonlu elemanlar yöntemi ile analizi, Doctorate, B.Mutlu(Student), 2011

EKİCİ B., Probabilistic approach on the analysis of a Kayabaşı\_Ekici type hip prosthesis using approximate solution techniques, Doctorate, O.Kayabaşı(Student), 2011

EKİCİ B., Takım aşınmasının çalışma parametrelerinin etkilerinin belirlenmesi yolu ile tahmin edilmesi, Postgraduate,

E.NAİL(Student), 2010

EKİCİ B., Tool wear estimation by determining the effect of parameters, Postgraduate, E.Nail(Student), 2010

EKİCİ B., Design of a semi-autonomous robot adaptable to land mine detection, Postgraduate, M.DOĞRU(Student), 2009

EKİCİ B., Production and design of FDM (fused deposition modeling) type rapid prototyping machine with extrusion head unit, Postgraduate, Ö.BENTÜRK(Student), 2009

EKİCİ B., Production and design of FDM (Fused Deposition Modelling) type rapid prototyping machine with extrusion head unit, Postgraduate, Ö.Bentürk(Student), 2009

EKİCİ B., Ekici B., Design of semi-autonomous robot adaptable to land mine detection, Postgraduate, M.Doğru(Student), 2009

EKİCİ B., Design and production of a welding robot, Postgraduate, F.ARI(Student), 2008

EKİCİ B., Production of ABS wire material for rapid prototyping machines, Postgraduate, Ö.KIRELLİ(Student), 2008

EKİCİ B., Fatigue life prediction of a drag link by using finite element method, Postgraduate, B.KOCA(Student), 2007

EKİCİ B., Yarı otomatik av tüfeği mekanizmasının yorulma dayanımının analizi, Postgraduate, D.ÖZMEN(Student), 2007

EKİCİ B., Computer simulation application for a new technology in sheet metal forming, Postgraduate, O.TARAKÇI(Student), 2006

EKİCİ B., Design and production of a new rapid prototyping device, Postgraduate, A.AKALIN(Student), 2006

EKİCİ B., Numerical analysis of the parameters related to hot extrusion of sections through continuous dies considering heat transfer in 3 dimensions, Postgraduate, A.Kentli(Student), 2004

EKİCİ B., Numerical analysis of the parameters related to hot extrusion of sections through continuous dies considering heat transfer in 3 dimensions, Postgraduate, A.KENTLİ(Student), 2004

EKİCİ B., Comparison of the simulation and the test values of a leaf spring, Postgraduate, E.TANAYDIN(Student), 2003

EKİCİ B., Nonlinear moldflow analysis of the hi-tech polymer ABS for a hub cap, Postgraduate, S.EĞİLMEZ(Student), 2002

EKİCİ B., Numerical and experimental analysis of the mechanical properties of HARDOX steel, Postgraduate, M.KELEŞ(Student), 2002

EKİCİ B., Contact mechanics modelling in titanium tooth implant to improve loosening problem, Postgraduate, K.CANSU(Student), 2002

EKİCİ B., Logistics and supply chain management strategies for reducing costs and improving the overall chain performance, Postgraduate, S.GERENLİ(Student), 2000

EKİCİ B., Logistics and supply chain management. Strategies for reducing costs and improving the overall chain performance, Postgraduate, S.Gerenli(Student), 2000

## **Published journal articles indexed by SCI, SSCI, and AHCI**

- I. **An innovative composite elbow manufacturing method with 6-axis robotic additive manufacturing for fabrication of complex composite structures**  
İpekçi A., EKİCİ B.  
Journal of Thermoplastic Composite Materials, vol.37, no.1, pp.402-425, 2024 (SCI-Expanded)
- II. **An Evaluation on Acoustic Behavior of Untreated Tree Trunks Depending on Bark Physical Properties and Fiber Cell Structure**  
SAĞLAM S., GÜZELÇİMEN F., Bingol D., ÖZKAN U. Y., EKİCİ B.  
JOURNAL OF NATURAL FIBERS, vol.19, no.4, pp.1507-1521, 2022 (SCI-Expanded)
- III. **Effect of fiber set-up and density on mechanical behavior of robotic 3D-printed composites**  
Ipekci A., EKİCİ B.  
EMERGING MATERIALS RESEARCH, vol.11, no.1, pp.160-166, 2022 (SCI-Expanded)
- IV. **Effect of solution blown nanofibers on Mode-I fracture toughness and dynamic mechanical properties of carbon fiber-reinforced composites**  
POLAT Y., EKİCİ B., Kılıç A.  
POLYMER COMPOSITES, vol.42, no.10, pp.5445-5454, 2021 (SCI-Expanded)
- V. **Experimental and statistical analysis of robotic 3D printing process parameters for continuous fiber**

**reinforced composites**

Ipekci A., EKİCİ B.

JOURNAL OF COMPOSITE MATERIALS, vol.55, no.19, pp.2645-2655, 2021 (SCI-Expanded)

- VI. **Graphene oxide/epoxy acrylate nanocomposite production via SLA and importance of graphene oxide surface modification for mechanical properties**  
Uysal E., ÇAKIR M., EKİCİ B.  
Rapid Prototyping Journal, vol.27, pp.682-691, 2021 (SCI-Expanded)
- VII. **An experimental investigation on ballistic efficiency of silica-based crosslinked aerogels in aramid fabric**  
Ayten A. I., TAŞDELEN M. A., EKİCİ B.  
CERAMICS INTERNATIONAL, vol.46, no.17, pp.26724-26730, 2020 (SCI-Expanded)
- VIII. **A numerical and experimental investigation on quasi-static punch shear test behavior of aramid/epoxy composites**  
Ayten A. İ., EKİCİ B., Taşdelen M. A.  
Polymers and Polymer Composites, vol.28, no.6, pp.398-409, 2020 (SCI-Expanded)
- IX. **Effect of Hot Forging Pressure and Heat Treatment on CW625N Lead Free Brass Alloy Dezincification Resistance**  
Dogan S. O., EKİCİ B.  
ACTA PHYSICA POLONICA A, vol.137, no.4, pp.545-550, 2020 (SCI-Expanded)
- X. **Effect of air pressure on nanofiber production in solution blowing method**  
POLAT Y., YANGAZ M. U., Calisir M. D., GÜL M. Z., Demir A., EKİCİ B., Kılıç A.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.35, no.4, pp.1719-1728, 2020 (SCI-Expanded)
- XI. **Evaluation of reliability of zirconia materials to be used in implant-retained restoration on the atrophic bone of the posterior maxilla: A finite element study**  
DEĞİRMENCİ K., Kocak-Buyukdere A., EKİCİ B.  
JOURNAL OF ADVANCED PROSTHODONTICS, vol.11, no.2, pp.112-119, 2019 (SCI-Expanded)
- XII. **Optimization of high hardness perforated steel armor plates using finite element and response surface methods**  
Kilic N., EKİCİ B., Bedir S.  
MECHANICS OF ADVANCED MATERIALS AND STRUCTURES, vol.24, no.7, pp.615-624, 2017 (SCI-Expanded)
- XIII. **Finite element analysis on the optimal material choice and cavity design parameters for MOD inlays exposed to different force vectors and magnitudes**  
Sener-Yamaner I. D., EKİCİ B., Sertgoz A., Yuzbasioglu E., Ozcan M.  
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.31, no.1, pp.8-20, 2017 (SCI-Expanded)
- XIV. **Effect of surface geometry on low-velocity impact behavior of laminated aramid-reinforced polyester composite**  
AYTEN A., EKİCİ B., GÜLLÜOĞLU A. N.  
JOURNAL OF COMPOSITE MATERIALS, vol.50, no.29, pp.4077-4091, 2016 (SCI-Expanded)
- XV. **A NUMERICAL AND AN EXPERIMENTAL INVESTIGATION OF A HIGH-PRESSURE DIE-CASTING ALUMINUM ALLOY**  
BOYDAK Ö., Savas M., EKİCİ B.  
INTERNATIONAL JOURNAL OF METALCASTING, vol.10, no.1, pp.56-69, 2016 (SCI-Expanded)
- XVI. **Three-dimensional finite element analysis of shaping curved root canals with the ProTaper and HeroShaper systems**  
Mutlu B., Kurt M., Ekici B., Atakök G.  
JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING, vol.37, pp.541-547, 2015 (SCI-Expanded)
- XVII. **Optimization of design parameters for Turkish Tirkes (war) bow**  
Demir S., EKİCİ B.  
COMPOSITES PART B-ENGINEERING, vol.66, pp.147-155, 2014 (SCI-Expanded)

- XVIII. **Ballistic behavior of high hardness perforated armor plates against 7.62 mm armor piercing projectile**  
Kilic N., Bedir S., Erdik A., EKİCİ B., TAŞDEMİRCİ A., GÜDEN M.  
MATERIALS & DESIGN, vol.63, pp.427-438, 2014 (SCI-Expanded)
- XIX. **Sustainable machining of the magnesium alloy materials in the CNC lathe machine and optimization of the cutting conditions**  
Eker B., EKİCİ B., KURT M., Bakur B.  
Mechanika, vol.20, no.3, pp.310-316, 2014 (SCI-Expanded)
- XX. **Ballistic resistance of high hardness armor steels against 7.62 mm armor piercing ammunition**  
Kilic N., EKİCİ B.  
MATERIALS & DESIGN, vol.44, pp.35-48, 2013 (SCI-Expanded)
- XXI. **Improving Sound Absorption Property of Polyurethane Foams by Adding Tea-Leaf Fibers**  
EKİCİ B., KENTLİ A., KÜÇÜK H.  
ARCHIVES OF ACOUSTICS, vol.37, no.4, pp.515-520, 2012 (SCI-Expanded)
- XXII. **The effects of static dynamic and fatigue behaviour on three dimensional shape optimization of Kayabaşı Ekici type hip prosthesis by finite element method and probabilistic approach**  
KAYABAŞI O., EKİCİ B.  
Journal Of Biomechanics, vol.44, pp.6, 2011 (SCI-Expanded)
- XXIII. **The Size of the Esophageal Hiatus in Gastroesophageal Reflux Pathophysiology: Outcome of Intraoperative Measurements**  
BATIREL H. F., Uygur-Bayramicli O., GİRAL A., Ekici B., Bekiroglu N., YILDIZELİ B., Yueksel M.  
JOURNAL OF GASTROINTESTINAL SURGERY, vol.14, no.1, pp.38-44, 2010 (SCI-Expanded)
- XXIV. **Static, dynamic and fatigue analysis of a semi-automaticgun locking block**  
Ozmen D., KURT M., EKİCİ B., KAYNAK Y.  
ENGINEERING FAILURE ANALYSIS, vol.16, no.7, pp.2235-2244, 2009 (SCI-Expanded)
- XXV. **Probabilistic design of a newly designed cemented hip prosthesis using finite element method**  
KAYABAŞI O., EKİCİ B.  
MATERIALS & DESIGN, vol.29, no.5, pp.963-971, 2008 (SCI-Expanded)
- XXVI. **Probabilistic design of sheet-metal die by finite element method**  
DEMİR C. İ., KAYABAŞI O., EKİCİ B.  
MATERIALS & DESIGN, vol.29, no.3, pp.721-727, 2008 (SCI-Expanded)
- XXVII. **The effects of static, dynamic and fatigue behavior on three-dimensional shape optimization of hip prosthesis by finite element method**  
KAYABAŞI O., EKİCİ B.  
MATERIALS & DESIGN, vol.28, no.8, pp.2269-2277, 2007 (SCI-Expanded)
- XXVIII. **Automated design methodology for automobile side panel die using an effective optimization approach**  
KAYABAŞI O., EKİCİ B.  
MATERIALS & DESIGN, vol.28, no.10, pp.2665-2672, 2007 (SCI-Expanded)
- XXIX. **Role of impact on determination of interfacial toughness measurement by indentation for thermal barrier coating systems**  
EKİCİ B.  
SURFACE ENGINEERING, vol.21, pp.456-462, 2005 (SCI-Expanded)
- XXX. **Multi-response optimisation in a three-link leaf-spring model**  
Ekici B.  
INTERNATIONAL JOURNAL OF VEHICLE DESIGN, vol.38, no.4, pp.326-346, 2005 (SCI-Expanded)
- XXXI. **Influence of occlusal forces on stress distribution in preloaded dental implant screws**  
Alkan I., Sertgoz A., Ekici E.  
JOURNAL OF PROSTHETIC DENTISTRY, vol.91, no.4, pp.319-325, 2004 (SCI-Expanded)
- XXXII. **Effects of residual stress patterns on TBC systems**  
Ekici B.

- SURFACE ENGINEERING, vol.20, no.1, pp.37-42, 2004 (SCI-Expanded)
- XXXIII. **Numerical analysis of a dental implant system in three dimension**  
EKİCİ B.  
Advances In Engineering Software, vol.33, pp.109-113, 2002 (SCI-Expanded)
- XXXIV. **Surface modification for improving the formability of SPA laminated composite**  
Ekici B., Altintas S.  
ADVANCES IN ENGINEERING SOFTWARE, vol.30, no.7, pp.451-458, 1999 (SCI-Expanded)
- XXXV. **Determination of the shear strength requirement for the adhesive used between cavity filling materials and dentine**  
EKİCİ B., ALTINTAŞ S.  
Advances In Engineering Software, vol.18, pp.87-93, 1993 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Thermal and structural analysis of oil-based type transformer**  
Dursun B. N., Ekici B.  
Niğde Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, vol.13, no.1, pp.84-93, 2024 (Peer-Reviewed Journal)
- II. **MECHANICAL PERFORMANCE OF CARBON - ARAMID FIBER-REINFORCED LAMINATED COMPOSITES UNDER IMPACT AND SHEAR LOADING**  
ATMACA B. N., ORUÇ R., AŞÇI G., YİĞİT K., YÜZER S., POLAT Y., EKİCİ B.  
Eskişehir Technical University Journal of Science and and Technology A- Applied Sciences and Engineering, vol.22, pp.19-27, 2021 (Peer-Reviewed Journal)
- III. **Synthesizing UV Curable Silicon Acrylate Resins for SLA Type 3D Printers and Characterization of Mechanical, Thermal and Morphological Properties**  
UYSAL E., ÇAKIR M., EKİCİ B.  
Journal of Current Research on Engineering, Science and Technology, vol.5, no.1, pp.47-56, 2019 (Peer-Reviewed Journal)
- IV. **The Similar and Dissimilar Spot Welding of 304 and 316L Austenitic Stainless Steels**  
ÇINAR Ö., ÇETİNER B. N., TOPCU İ., GÜLLÜOĞLU A. N., EKİCİ B.  
Materials for Future, vol.1, no.1, pp.20-23, 2017 (Peer-Reviewed Journal)
- V. **Determination of penetration depth at high velocity impact using finite element method and artificial neural network tools**  
Kilic N., EKİCİ B., HARTOMACIOĞLU S.  
DEFENCE TECHNOLOGY, vol.11, no.2, pp.110-122, 2015 (ESCI)
- VI. **Eğri kök kanallarında şekillendirme sırasında oluşan streslerin sonlu elemanlar yöntemi ile değerlendirilmesi**  
TÜRKAYDIN D., GÜNDAY M., EKİCİ B.  
MÜSBED, vol.3, no.1, pp.14-18, 2013 (Peer-Reviewed Journal)
- VII. **3D Bio Cad modeling of human mandible and fabrication by rapid prototyping technology**  
Ay M., Tınaz K., Delilbaşı B. Ç., Ekici B., Yüzbaşıoğlu H. E., Hartomacioğlu S.  
Usak University Journal of Material Sciences, vol.1, pp.135-145, 2013 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **POLİMER KOMPOZİT ÜRETİMİ: GELENEKSEL VE MODERN YÖNTEMLERİN KARŞILAŞTIRILMASI**  
EKİCİ B., İPEKÇİ A.  
in: MÜHENDİSLİK BİLİMLERİNDE AKADEMİK ÇALIŞMALAR-2019\_2, KILIÇER ALİ, YILMAZ TUNCAY, Editor, ivpe yayınevi, Cetinje, pp.189-206, 2019

## II. Yapılarda ve Makinelerde Kuvvet

EFEÖĞLU İ., EKİCİ B., ERZİNCANLI F., ERGİN S., RENDE H., YAVUZ H., ALTUĞ E., ERSOY H., GÜNERHAN H., KURT HABİBOĞLU S.

in: Makine Mühendiliğine Giriş, Necdet Geren, Editor, Papatya Yayıncılık, İstanbul, pp.120-220, 2017

## Refereed Congress / Symposium Publications in Proceedings

- I. **The Study on Noise Reduction Analysis of Untreated Leaves of Plants in Urban Areas**  
SAĞLAM S., BİNGÖL D., ÖZKAN U. Y., EKİCİ B., GÜZELÇİMEN F.  
Turkish Physical Society 35th International Physics Congress (TPS35), 4 - 08 October 2019, vol.1, pp.82-86
- II. **SYNTHESIZING UV CURABLE SILICON ACRYLATE RESINS FOR SLA TYPE 3D PRINTERS AND CHARACTERIZATION OF MECHANICAL, THERMAL AND MORPHOLOGICAL PROPERTIES**  
UYSAL E., ÇAKIR M., EKİCİ B.  
International Conference on Multidisciplinary Sciences (icomus) 2019, 22 - 24 August 2019
- III. **Farklı İmplant Destekli Restorasyon Tiplerine Göre Stres Dağılımının Değerlendirilmesi: 3 Boyutlu Sonlu Elemanlar Analizi**  
DEĞİRMENCİ K., KOÇAK BÜYÜKDERE A., EKİCİ B.  
Uluslararası 9. Biyomekanik Kongresi, 19 - 22 September 2018
- IV. **Açılış Oturumu (Konuşmacı)**  
UYAR T. S., EKİCİ B.  
IRENEC 2017, 7. Uluslararası 100 Yenilenebilir Enerji Konferansı, 18 - 20 May 2017
- V. **The Similar and Dissimilar Resistance Spot Welding of 321 and 316 Austenitic Stainless Steel**  
ÇINAR Ö., Alyanakoğlu A. E., Çakır T., ÇETİNER B. N., EKİCİ B., GÜLLÜOĞLU A. N.  
IMSEC2016, Adana, Turkey, 26 - 28 October 2016
- VI. **A NEW DESIGN FOR TILTABLE AND TELESCOPIC STEERING COLUMN WITH HIGH PRESSURE DIE CASTING TECHNOLOGY AND SPECIAL ALLOY MAGSIMAL 59 FOR AGRICULTURE MACHINES**  
BİLGİN H., EKİCİ B.  
UMTIK2016, 12 - 15 July 2016
- VII. **APPLICATION OF FEM METHOD ON DESIGN AND MANUFACTURING OF MACHINES FOR SELF CLINCHING OF NUTS DURING STAMPING FOR AUTOMOTIVE SIDE PANEL INTERIOR PARTS**  
KARATAŞ U., ARIKAN G., DAĞDELEN K., EKİCİ B.  
UMTIK2016, 12 - 15 July 2016
- VIII. **Diş Kök Kanalının Ve Protaper Ni Ti Kesici Uçların Sonlu Elemanlar Yöntemi İle Modellenmesi Ve Simülasyonu**  
MUTLU B., KURT M., EKİCİ B., ATAKÖK G.  
3. Ulusal Tasarım İmalat Ve Analiz Kongresi, Balıkesir, Turkey, 29 - 30 November 2012, vol.1, pp.74-89
- IX. **Eğri kök kanallrında şekillendirme sırasında oluşan streslerin üç boyutlu sonlu elemanlar yöntemi ile değerlendirilmesi**  
TÜRKAYDIN D., GÜNDAY M., EKİCİ B.  
Türk endodonti derneği 11. uluslararası kongresi, 27 - 28 April 2012
- X. **Design and Manufacturing of a Turkish Tirkeş Bow by Composite Material**  
KILIÇ N., EKİCİ B.  
ISCSE2011 International Symposium Gediz University, İzmir, Turkey, 2 - 06 October 2012
- XI. **Consideration of Heat Treatment Stages in The Simulation of The Formability of AA2024 T3 Alloys**  
KILIÇ N., EKİCİ B.  
ISCSE2011 International Symposium Gediz University, İzmir, Turkey, 2 - 06 October 2012
- XII. **The Role of Finite Element Method in the Stent Design Methodology**  
KILIÇ N., EKİCİ B.  
ISCSE2011 International Symposium Gediz University, İzmir, Turkey, 2 - 06 October 2012
- XIII. **Equal Channel Angular Extrusion ECAE Die**

- KILIÇ N., EKİCİ B.  
ISCSE2011 International Symposium Gediz University, İzmir, Turkey, 2 - 06 October 2012
- XIV. **Stress Evaluations During Endodontic Treatment by Using Three Dimensional Finite Element Method**  
KILIÇ N., EKİCİ B.  
ISCSE2011 International Symposium Gediz University, İzmir, Turkey, 2 - 06 October 2012
- XV. **Ballistic Behavior of Perforated Armor Plates Against 7.62 mm Armor Piercing Projectile**  
KILIÇ N., EKİCİ B.  
ISCSE2011 International Symposium Gediz University, İzmir, Turkey, 2 - 06 October 2012
- XVI. **Design and shape optimization of a Turkish Turkish bow**  
KENTLİ A., DEMİR S., EKİCİ B.  
1st International Symposium and 10th Balkan Conference on Operational Research, 22 - 24 September 2011, vol.2, pp.276-281
- XVII. **The Effects Of Static Dynamic And Fatigue Behavior On Three Dimensional Shape Optimization Of Kayabaşı Ekici Type Hip Prosthesis By Finite Element Method And Probabilistic Approach**  
KAYABAŞI O., EKİCİ B.  
V. Ulusal (uluslar arası katılımlı) Biomekanik Konferansı, Turkey, 23 - 25 September 2010
- XVIII. **Soğutma Şartlarının Değişik Hızlardaki Delik Delme İşlemine Etkisinin 3 Boyutlu Sayısal Modelleme İle İncelenmesi**  
ALIOĞLU K., EKİCİ B.  
UTIS2010, Konya, Turkey, 1 - 02 October 2010
- XIX. **Fatigue Life Prediction of a Drag Link by Using Finite Element Method**  
EKİCİ B., KILIÇ N., ERDİK A.  
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- Ekici B., Hartomacioğlu S., Development Agency, Marmara Üniversitesi Ürün Geliştirme Merkezi (MÜRGEMER) Kurulumu Projesi, 2018 - 2020
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- Ekici B., Şişman A., TUBITAK Project, 215E089 TÜBİTAK 3501 Piezoelektrik film gerilmesini kontrol eden bir gerilim kullanarak, ayarlanabilir faz sağlayan özgün bir lamb dalgası cihazı tasarımı, 2016 - 2019
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## Non Academic Experience

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