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Kurum: Mühendislik Fakültesi / Makine Mühendisliği Bölümü / Konstrüksiyon Ve İmalat
Anabilim Dalı

Uluslararası Araştırmacı ID'leri

YÖKSİS Araştırmacı ID: 313033

Eğitim Bilgileri

- I.** Clemson University · Doktora · Yurt Dışı · 2014–2019 · Hybrid single shot manufacturing of multi-materials structure for automotive applications (2014–2019)
- II.** Clemson University {South Carolina} · Yüksek Lisans · Yurt Dışı · 2011–2013 · OTOMOTİV MÜHENDİSLİĞİ (2011–2013)
- III.** BÜLENT ECEVİT ÜNİVERSİTESİ · Lisans · Yurt İçi · 2005–2009 · KARABÜK TEKNİK EĞİTİM FAKÜLTESİ · OTOMOTİV ÖĞRETMENLİĞİ PR. (İÖ) (2005–2009)
- IV.** ANADOLU ÜNİVERSİTESİ · Lisans · Yurt İçi · 2004–2019 · İKTİSAT FAKÜLTESİ · İKTİSAT BÖLÜMÜ (2004–2019)

Araştırma Alanları

Mühendislik Temel Alanı · Makine Mühendisliği · Kompozit Malzemeler ; Üretim Teknolojileri ; Malzeme Tasarım ve Davranışları

Yönetilen Tezler

- I.** Sürdürülebilir Biyomedikal Uygulamalar İçin Organik Atık Takviyeli PLA Hibrit Kompozitlerin Karakterizasyonu (2026)
- II.** İçde çekirdeği unu ve kalsit katkılı geri dönüştürülmüş abs hibrit kompozitlerin yüzer güneş enerji santrali uygulamaları için mekanik davranışının incelenmesi (2026)
- III.** Zırh üretiminde kullanılan kompozit malzemelerin üretim yöntemleri ve mekanik verimliliğinin incelenmesi (2024)
- IV.** Atık çay ve hurma çekirdeği katkılı biyobozunur polilaktik asit termoplastik filament üretimi ve mekanik özelliklerinin incelenmesi (2023)

Makaleler

- I.** Comparative analysis of analytical and experimental results for melt pool geometry and temperature distribution in laser beam welding (2024)
ÖKTEN KORHAN, ÖRNEK BÜLENT NAFİ, KAZAN HAKAN, UĞUR LEVENT
- II.** Optimizing Power Consumption in Machining Nickel-Based Superalloys: Strategies for Energy Efficiency (2024)
BAŞARAN ALPER, ÖZER MAHMUT, KAZAN HAKAN
- III.** RSM-based measurement of cutting performance on Al 7075 T6 aero-structural alloy using WEDM (2024)
UĞUR LEVENT, AYDIN KUTAY, KAZAN HAKAN
- IV.** AISI 316L Alaşımın Tel Erozyon Yöntemi ile İşlenmesinde Kesme Parametrelerinin Yüzey Kalitesine Etkisi (2023)
AYDIN KUTAY, KAZAN HAKAN
- V.** Investigation the Effects of Cutting Parameters on Power Consumption in Turning of Haynes 242 Nickel-Based Super Alloy by RSM and GA (2022)
KAZAN HAKAN, ERGÜL ENGİN UFUK
- VI.** Experimental analysis on the bonding conditions of thermoset-thermoplastic composite parts manufactured by the hybrid single shot method (2022)
KAZAN HAKAN, Farahani Saeed, Zheng Ting, Pilla Srikanth
- VII.** Investigation of the Impacts of Cutting Parameters on Power Usage in Cryogenic-Assisted Turning of AISI 52100 Bearing Steel by FEM (2022)
UĞUR LEVENT, KAZAN HAKAN, ÖZLÜ BARIŞ

VIII. A Numerical Simulation for the Hybrid Single Shot (HSS) Process Used to Manufacture Thermoset-Thermoplastic Components (2021)

KAZAN HAKAN, Farahani Saeed, Seydim Sıla, Pilla Srikanth

IX. Finite element modeling of power consumption in turning of AISI 1040 steel (2020)

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X. Degree of cure, mechanical properties, and morphology of carbon fiber/epoxy- PP hybrids manufactured by a novel single shot method (2019)

KAZAN HAKAN, Zheng Ting, Farahani Saeed, Pilla Srikanth

XI. Feasibility Study for Manufacturing CF/Epoxy – Thermoplastic Hybrid Structures in a Single Operation (2019)

KAZAN HAKAN, Farahani Saeed, Pilla Srikanth

XII. Safety Concerns and Design Challenges of Side-Saddle Pillion Riders of Motorized Two-Wheelers in India: A Case Study Designing a Saree Guard and Footrest (2014)

Shroff Nitant, Mitchell K.B., Vallabhaneni Thagor, Desphande Pranav, Sahai Anuj, KAZAN HAKAN, Tyler P.J, Brooks J.O

Bildiriler

I. EFFECT OF PIGMENT-INDUCED UV CURING LIMITATIONS ON THE TENSILE PERFORMANCE OF RESIN BLENDS (2025)

KAZAN HAKAN, ATA MUSTAFA SAMİ, BÖLÜKBAŞI EKREM

II. MANUFACTURING A FLOATING SPP PLATFORM BY RECYCLING WASTE PLASTICS (2025)

AKYOL MUSTAFA, KAZAN HAKAN

III. WATER ABSORPTION BEHAVIOR OF UVCURED PLANT-BASED RESIN COMPOSITES REINFORCED WITH TEA WASTE (2025)

ATA MUSTAFA SAMİ, KAZAN HAKAN

IV. Investigation Of Water Absorption Behavior Of Polyurethane Composites Reinforced With Recycled Polyurethane Powder (2025)

ATA MUSTAFA SAMİ, KAZAN HAKAN

V. INVESTIGATION OF THE METHYLENE BLUE REMOVAL CAPACITY OF A BIOMASS-DERIVED CARBON ADSORBENT (2025)

ATA MUSTAFA SAMİ, BÖLÜKBAŞI EKREM, KAZAN HAKAN

VI. INVESTIGATION OF THE EFFECT OF OKRA WASTE ADDITION ON THE MECHANICAL PROPERTIES OF BIO-BASED TRANSPARENT UV RESIN WITHIN A ZERO-WASTE FRAMEWORK (2025)

KAZAN HAKAN, ATA MUSTAFA SAMİ

VII. INVESTIGATION OF THE EFFECT OF SAWDUST ADDITION ON THE TENSILE BEHAVIOR OF BIO-BASED TRANSPARENT UV RESIN (2025)

KAZAN HAKAN, ATA MUSTAFA SAMİ

VIII. WATER ABSORPTION BEHAVIOR OF UV-CURABLE COMPOSITES CONTAINING RECYCLED UV-CURED RESIN (2025)

ATA MUSTAFA SAMİ, KAZAN HAKAN

IX. INVESTIGATION OF THE EFFECT OF RECYCLED POLYURETHANE POWDER ADDITION ON THE TENSILE BEHAVIOR OF THERMOSET POLYURETHANE RESIN MATRIX (2025)

ATA MUSTAFA SAMİ, KAZAN HAKAN

X. STATISTICAL COMPARISON OF FACTORS AFFECTING THE MECHANICAL PERFORMANCE OF PLA/BLACK CUMMIN OIL BLENDS (2024)

KAZAN HAKAN, ATA MUSTAFA SAMİ

XI. THE EFFECT OF BIODEGRADABLE OLEASTER SEED ADDITIVE ON THE MICROSTRUCTURE OF EPOXY COMPOSITES (2024)

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XII. PRODUCTION OF AUTOMOTIVE PARTS USING GLASS AND CARBON FIBER REINFORCED 3D PRINTER WASTE PLA (2024)

Yıldırım Mehmet Ali, Erdem Elif Ceren, KAZAN HAKAN

XIII. Examination of the Morphological Structure of Oleaster Seed Added BioBased Composite Material (2024)

KAZAN HAKAN, ATA MUSTAFA SAMİ

XIV. INVESTIGATION OF THE MECHANICAL AND MORPHOLOGICAL EFFECTS OF GROUND BLACK CUMIN PULP PASTE ON PLA RESIN (2024)

ATA MUSTAFA SAMİ, KAZAN HAKAN

XV. PRODUCTION OF WASTE BLACK CUMIN HUSK-REINFORCED PLA-BASED MATERIALS AND COMPARISON OF TENSILE STRESSES FOR SUSTAINABLE MANUFACTURING (2024)

ATA MUSTAFA SAMİ, KAZAN HAKAN

XVI. FARKLI KARIŞIM ORANI, KÜRLENME SÜRESİ VE KARIŞIM SICAKLIKLARININ ORGANİK SIVI GÜBRE

KATKILI POLİLAKTİK ASİT (PLA) REÇİNNİN ÇEKME GERİLMESİ ÜZERİNDEKİ ETKİLERİNİN İNCELENMESİ (2024)

ATA MUSTAFA SAMİ,KAZAN HAKAN

XVII. INVESTIGATION OF THE TENSILE STRESS OF THE ORGANIC COMPOSITE STRUCTURE PRODUCED USING TEA WASTE (2022)

KAZAN HAKAN, TOKDEMİR VEYSEL, UĞUR LEVENT

XVIII. INVESTIGATION OF THE EFFECT OF ELECTRIC RESISTANCE SPOT WELDING ON MECHANICAL PROPERTIES OF WELDING TIME (2022)

karaköse murat, KAZAN HAKAN, AYDIN KUTAY, UĞUR LEVENT

XIX. INFLUENCES OF PROCESS PARAMETERS ON PENETRATION IN A HYBRID SINGLE SHOT MANUFACTURING OF CARBON FIBER/EPOXY-POLYPROPYLENE STRUCTURE (2019)

KAZAN HAKAN,Saeed Farahani,Pilla Srikanth

Kitaplar

I. Günümüzden Geleceğe NANO-BİYO-TEKNOLOJİ (2025)

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II. Günümüzden Geleceğe Nano-Biyo-Teknoloji (2025)

ATA MUSTAFA SAMİ,KAZAN HAKAN

III. Applied Plastics Engineering Handbook (Third Edition) (2024)

Pradeep Sai Aditya,Deshpande Amit,Limaye Madhura,Iyer Rakesh,KAZAN HAKAN,Li Gang,Pilla Srikanth

IV. Makine Mühendisliğinde İleri Araştırmalar (2024)

KAZAN HAKAN

V. Applied Plastics Engineering Handbook (Second Edition) (2017)

Pradeep Sai Aditya, Iyer Rakesh, KAZAN HAKAN, Pilla Srikanth