

**METALURJİ VE MALZEME MÜHENDİSLİĞİ BÖLÜMÜ**  
**2022-2023 GÜZ MSE9000 GRADUATION PROJECT KONULARI**

<b>Öğretim Üyesi Adı Soyadı</b>	<b>MSE9000 Graduation Project Konu Başlığı</b>
Doç. Dr. Miray Çelikkilek Ersundu	Development of a Red Glowing Luminescent Glass to Increase the Plant Growth Efficacy in Greenhouses
Doç. Dr. Ali Erçin Ersundu	Development of a Luminescent Glasses with Color Converting Properties for Horticultural Applications
Prof.Dr.Figen KAYA	Design of Biocompatible Wound Dressing for Diabetic Foot Ulcers
Dr. Öğr. Üyesi Suna Avcioğlu	Development of boron carbide-based nanohybrid composite particles for photocatalytic applications
Prof.Dr. Cengiz KAYA	Development of B4C Matrix Composites Reinforced with BN Particles in Nano Plate and Nano Tube Morphologies for Armor Applications
Doç. Dr. Bilge COŞKUNER FİLİZ	Termal Enerji Depolama Sistemleri için Şekil Stabil Kompozitlerin Geliştirilmesi
Doç. Dr. Buğra Çiçek	Development of Glass-Ceramic Coatings with Blue-Green Colorant Additives
Doç. Dr. Alptekin Kısasöz	Investigation of Degradation Behaviour of Polymer Composites Fabricated by Additive Manufacturing
Prof. Dr. Afife Binnaz YORUÇ HAZAR	Production of SMF/SNF by mechanochemical method and investigation of its performance in PLA matrix composite structure
Öğr. Gör. Dr. Aysu Aydınoğlu	Negative Mold Production using SLA-Based 3D printers for Jewelry Applications
Dr. Öğr. Üyesi Burak BİROL	Improving the Mechanical Properties of Lean Duplex Stainless Steel by Powder Metallurgy
Doç. Dr. Rıdvan GECÜ	Wear, Corrosion, and Tribocorrosion Behavior of Heat-Treated R260 Rail Steel
Doç. Dr. Fatih Akyol	Rutil-GeO2 tek kristal ince filmlerinin düşük basınçlı kimyasal buhar biriktirme sistemiyle büyütülmesi
Dr. Öğretim Üyesi Nilüfer Duygulu	Understanding the Influence of Doping Nanoparticle Behaviour on PVA Polymers to Achieve Functional Material
Doç. Dr. Metin GENÇTEN	Production of Electrode Material for Flexible Supercapacitors