

Unvanı Adı Soyadı	Which design application category best reflects your work?	Design Application Title
Doç. Dr. Fatih Akyol	MSE4841 Design Applications in Material Technologies	Design of p-type growth of rutile Germanium Dioxide (4.7 eV) semiconductor thin films by CVD technique
Doç. Dr. Bilge COŞKUNER FİLİZ	MSE4841 Design Applications in Material Technologies	Development of Functional Materials for Energy Storage Systems
Dr. Öğr. Üyesi Hakan YILMAZER	MSE4841 Design Applications in Material Technologies	Material Design and Development for Antenna Applications
Prof.Dr. Figen KAYA	MSE4851 Design Applications in Ceramic Technologies	Synthesis of Hexagonal Boron Nitride (h-BN) Nanoplates and Development of Functional Nanocomposites for Energy Storage Applications
Prof.Dr. Cengiz KAYA	MSE4851 Design Applications in Ceramic Technologies	Design and development of Nano/micro hexagonal Boron Nitride (h-BN) for energy and defence application
Doç Dr. Suna AVCIOĞLU	MSE4841 Design Applications in Material Technologies	Design of Nanocomposites That Can Simultaneously Attenuate Different Types of Radiation
Doç. Dr. Cem AKÇA	MSE4841 Design Applications in Material Technologies	Optimization of a Selected Chassis Component Through Material Substitution (from Aluminum to Magnesium) within the Scope of Lightweight Vehicle Technologies
Dr. Öğr. Üyesi Serhat ACAR	MSE4841 Design Applications in Material Technologies	Process Design of Rapid Slurry Forming Route for Rheoforming of Aluminum Alloys
Prof. Dr. Alptekin Kısasöz	MSE4841 Design Applications in Material Technologies	Designing of Hybrid Coatings Using APS Technique for Improving the Properties of Austenitic Stainless Steel
Öğr. Gör. Dr. Ahmet Sencer Nazlıgül	MSE4841 Design Applications in Material Technologies	Designing Scalable Thermoelectric Generators from Abundant, Non-Toxic Materials
Doç. Dr. Aysu Aydınoglu	MSE4841 Design Applications in Material Technologies	Design and 3D Printing of an Airless Tennis Ball: Selection of Production Method
Doç. Dr. Aylin Altınbay	MSE4841 Design Applications in Material Technologies	Lightweight thermoplastic composite material design for automotive applications
Prof. Dr. Ali Erçin Ersundu	MSE4851 Design Applications in Ceramic Technologies	Design of Spectral Conversion-Enabled Cover Glass for Improving Solar Panel Efficiency
Prof. Dr. Miray Çelikbilek Ersundu	MSE4851 Design Applications in Ceramic Technologies	Design of Thin, Lightweight, and High-Durability Photovoltaic Panel Glass
Dr. Öğr. Üyesi Burçin ÖZBAY KISASÖZ	MSE4841 Design Applications in Material Technologies	Composite material design for improving degradation properties of SLS-fabricated PA12
Doç. Dr. Nilüfer DUYGULU	MSE4831 Design Applications in Metallurgical	Design A Moisture-Retaining, Antibacterial Nanofiber Wound Dressing For The Treatment Of Burn Wounds
Doc. Dr. Buğra Çiçek	MSE4851 Design Applications in Ceramic Technologies	Design and Development of Flame-Retardant Carbon Fiber Reinforced Composites
Prof. Dr. Metin GENÇTEN	MSE4841 Design Applications in Material Technologies	Design of Supercapacitor Electrodes from Polymer-Derived Activated Carbon
Doç. Dr. Burak BİROL	MSE4831 Design Applications in Metallurgical	Design and Application of Red Mud-Based Materials for Energy Storage Systems