

## ENG 499 KAPANAN ŞUBELER

Şube No	Akademisyen (Lecturer)	Proje Adı (Project Name)
5	Prof. Dr. MELDA ÇARPINLIOĞLU	Industrial Applications of Supercritical Fluids (Focusing on Thermodynamic Analysis and Property Calculation Methodology)
7	Prof. Dr. A. İHSAN KUTLAR	Design and construction of a prototype vacuum drying unit with measurement and control of input and output parameters
8	Prof. Dr. A. İHSAN KUTLAR	Design and construction of a prototype fluid level indicator for stationary tanks
10	Dr. Öğr. Üyesi N. FURKAN DOĞAN	Climatic chamber design for the drop-weight impact test device
13	Prof. Dr. EMRAH ÖZAHİ	A System Restructuring Study by Using Lean Manufacturing Principles to Increase Production Efficiency by Reducing Waste Energy.
15	Dr. Öğr. Üyesi M. ERKAN KÜTÜK	Manufacturing and Control of a 2 DOF Press Mechanism Prototype
17	Dr. Öğr. Üyesi SADIK OLGUNER	Static structural and harmonic response analyses of a highway bridge using ANSYS Workbench
18	Dr. Öğr. Üyesi SADIK OLGUNER	Mass/Volume optimisation of a planetary gearbox for wind turbine applications
19	Doç. Dr. ABDULLAH AKPOLAT	An investigation about production and usage areas of Polytetrafluoroethylene (PTFE).
20	Prof. Dr. SADETTİN KAPUCU	Design a tremor reduction device
21	Prof. Dr. Ergun Erçelebi	Design of NIR spectrometre
22	Prof. Dr. Ergun Erçelebi	Design of an acoustic system for determination of iron density under plaster
23	Prof. Dr. Gölge Ögücü Yetkin	Designing a Wireles Data Transfer System for Underwater Use

25	Prof. Dr. Arif NACAROĞLU	Thrown item catching arm
26	Prof. Dr. Savaş UÇKUN	Design and construction of a project which uses electromagnetic wave for transformation of data.
27	Prof. Dr. Uğur Cem Hasar	Structural Health Monitoring Using Non-Destructive Microwave Techniques
28	Prof. Dr. Arif NACAROĞLU	Heat follower
29	Prof. Dr. Sema Kayhan	Design and Implementation of Robotic Arm
30	Prof. Dr. Sema Kayhan	Sales Forecasting using Machine Learning Algorithm
31	Doç. Dr. Taner İnce	Machine Learning Based Earth mineral identification using Hyperspectral Images for Unmanned Aerial Vehicles (UAV)
32	Doç. Dr. A. Mete VURAL	Design and Implementation of an Electric Crane
33	Dr. Öğr. Üyesi Serkan ÖZBAY	Investigating the conductivity of stretchable fabrics for different bending levels
34	Dr. Öğr. Üyesi Serkan ÖZBAY	Design of a defect detection system using neural network
35	Prof. Dr. Nuran Doğru	Laser cutter for different applications
36	Dr. Öğr. Üyesi Musa Bute	Design of solid granule pumping machine
37	Dr. Öğr. Üyesi Musa Bute	Control of solid granule pumping machine
38	Doç. Dr. Tolgay KARA	Glove-controlled Robotic Hand
39	Dr. Öğr. Üyesi Mehmet DEMİR	Design and realization of an unmanned autonomous underwater system
40	Dr. Öğr. Üyesi Seydi KAÇMAZ	Design and implementation of Computer Vision based 3D printed Robotic Arm controlled by interactive GUI
41	Dr. Öğr. Üyesi Nurdal Watsuji	Pick, sort and place robot
45	Prof. Dr. Ahmet KAYA	Design of Pistahio Paste Grinder
48	Prof. Dr. Esra İBANOĞLU	Particle Size Determination by Light Scattering Method

49	Prof. Dr. Fahrettin GÖĞÜŞ	Solar drying of fruits and vegetables
50	Prof. Dr. Medeni MASKAN	Use of ultrasound in detection of maturity level of fruits and vegetables.
51	Prof. Dr. Medeni MASKAN	Cost estimation of "minimal" and "coventional refining" of vegetable oils.
52	Prof. Dr. Mustafa BAYRAM	Design of Food Plant in Mars
53	Doç. Dr. Derya KOÇAK YANIK	Production of value added materials from food waste.
54	Doç. Dr. Nihat Atmaca	Design of Structural System, Mechanical Installation and Electrical System of Reinforced Concrete Buildings
58	Doç. Dr. Mehmet Eren Gülşan	Design of a reinforced concrete factory by the consideration of both energy savings and vibration resistance
59	Prof. Dr. Mehmet İshak Yüce	Design and optimization of a hydrokinetic turbine by using CFD methods
62	Doç. Dr. Talha Ekmekyapar	Design of an Industrial Steel Building with Sprinkler Fire Extinguishing Sytem
64	Prof. Dr. Mustafa Günel	Bridge pier cross section design for reducing local scour for flood conditions.
65	Öğr. Üyesi Dr. Ayşe Yeter GÜNAL	Thermal, sound Insulation and waterproofing of a multistorey building and economical analysis.
66	Doç. Dr. Mehmet Tolga GÖĞÜŞ	Design of extensometer for tensile testing of metals
67	Prof. Dr Ali Fırat ÇABALAR	Sustainable materials for road pavement designs
70	Prof. Dr. Bülent GÖNÜL	A search on viability of fusion reactors

72	Prof. Dr. Hayriye TÖTÜNCÜLER	Investigation of dye sensitized solar celles
73	Prof. Dr.Ömer F. Bakkaloğlu	Design of solar cell
74	Assist. Prof. Dr. Mehmet KOÇAK	Wireless Transmission of Electricity
75	Prof. Dr. Okan Özer	Applications of Monte Carlo Method (MCM) in Reactor Safety&Security Systems
76	Prof. Dr. Beşire GÖNÜL	An investigtion of band gap tuning in semiconductors for photonic devices
77	Doç. Dr. Mustafa YILMAZ	Water harvesting from moisture in the air by 3D mesh nets.
78	Prof. Dr. Metin Bedir	Investigation of the corrosion behaviour of the metallic materials by the way different methods
82	Prof. Dr. Ramazan KOÇ	Investigation of enzyme battery
85	Dr. Öğr. Üyesi Serap Çelik	Efficiency calculations of half-cut solar panels under shaded conditions
86	Prof. Dr. Eser OLĞAR	Design and construction of absorptive acoustic panels
87	Prof. Dr. Mehmet TOPALBEKİROĞLU	Design of weft insertion mechanism and shedding mechanism for hand-made woven carpet production/ Developing software to control multiple stepper motors for textile machines
88	Doç. Dr. H. İbrahim ÇELİK	Design and production of conductive knitted fabric
89	Doç. Dr. H. Kübra KAYNAK	Investigation of conductive yarn production

90	Doç. Dr. Züleyha DEĞİRMENÇİ	Designing of thermal jacket/Designing of 3D textiles
91	Dr. Öğr. Üyesi M. Erdem İNCE	Design and Production of Weft Knitted Fabric Reinforced Polymer Matrix Composite
94	Doç. Dr. Alptekin DURMUŞOĞLU	A system restructuring study by using lean manufacturing principles to increase manufacturing efficiency
95	Doç. Dr. Süleyman METE	Straight Assembly Line Balancing Problem
98	Dr. Öğr. Üyesi Abdulaziz KAYA	Process optimization of removal of methylene blue dye from aqueous solution by almond shell powder
100	Dr. Öğr. Üyesi Halil İbrahim İÇOĞLU	Glass fiber reinforced polyester composite production via vacuum infusion method
101	Doç. Dr. Mikail ASLAN	Nano clay reinforced aluminum composite
102	Doç. Dr. Abdulcabbar YAVUZ	Fabrication of flexible electrode for water purification
103	Doç. Dr. Derya K. YAVUZ	Design and cost analysis of a dental restorative production plant based on QCD principles.