Advisor	#	Project
Prof.Dr.Mustafa Gök	1	The "Distance Radar" with Visualizer
	1	RFID-Based Secure Entry System
	1	Digital Audio Visualizer (The FFT Project)
	1	Handheld "Step Counter" (Pedometer)
	2	Smart Card Attendance & Logger
	2	Weather Station with IoT Dashboard
	2	Smart Home Energy Monitor
	2	Gesture-Controlled Device Using Accelerometer
	2	Smart Irrigation System
Prof.Dr.Ulus Çevik	1	Self balancing ramp
	1	Real time power factor correction and monitoring system
	1	Self calibratin IOT based smart predictive maintanance system
	1	Fuzzy logic based autonomous air conditioner controller
	2	Wearable smart target tracking turret system
	2	Automatic classification of products based on their lengths on a conveyor
	2	A microcontroller based soft PLC architecture for mobile SCADA integration
	2	KONU DANIŞMAN HOCA İLE GÖRÜŞÜLEREK BELİRLENECEKTİR
	2	KONU DANIŞMAN HOCA İLE GÖRÜŞÜLEREK BELİRLENECEKTİR
Prof.Dr. İlyas Eker	1	Microprocessor based PID control with experimental application
	1	Artificial intelligence based speed control with experimental application
	1	Adaptive PID temperature control with experimental application
	1	Microcontroller based PID Flow control with experimental application
	2	Dynamical modelling of a flow control system
	2	Microcontroller based fuzzy speed control with experimental application
	2	Microcontroller based Learning PID control with experimental application
	2	Microcontroller based Learning control with experimental application
	2	Microcontroller based nonlinear PID control with experimental application
Prof.Dr. Ahmet Teke	1	Tomato sorting machine
	1	Artificial Intelligence Supported DC-DC Converter
	1	Aging estimation of transformer center devices
	1	Balanced systems with solar panels
	1	Smart home design
	2	Solar Energy Measuring System
	2	Smart Engine Health Monitoring and Remaining Life Estimation Platform for TinyML and IoT-Based Industry 4.0 Applications
	2	Design of 100 W DC-DC converter
	2	Design of wireless power transfer machine
Prof.Dr. M.Kerem Ün	1	Determining and displaying the heart rate through sensorial data obtained from the finger
	1	Design and production of a Parkinson glove
	1	Determining and displaying the walking speed using sensorial data
	1	Image reconstruction from Computed Tomography (CT) data
	1	ECG arrhythmia detection
	2	Design of simple spirometer using pressure sensors
	2	Finite Element Code to solve electrostatic problem
	2	KONU DANIŞMAN HOCA İLE GÖRÜŞÜLEREK BELİRLENECEKTİR
	2	KONU DANIŞMAN HOCA İLE GÖRÜŞÜLEREK BELİRLENECEKTİR
Prof.Dr. Mehmet Uğraş Cuma	1	Motor Sürücü, Sensor BLDC
	1	Sulama Otomasyon / İnverter
	1	Rejeneratif Sürücü
	1	Data Center Design and Analysis Using Siemens SIMARIS
	2	DC Enerji Metre
	2	Push-Pull Converter
	2	4G Araç Telemetri
	2	Data Center Design and Analysis Using Siemens SIMARIS
	2	12-24 reguleli Park Makinesi
Prof.Dr.Mehmet Tümay	1	50 kW DC Fast Charging Station Design and Power Electronics Modeling
	1	Optimization of EV Charging Network Using Load Forecasting and Smart Scheduling
	1	Design of Solar Powered EV Charging Station with Battery Energy Storage
	1	Design and Simulation of Battery Management System for Lithium-Ion Battery Pack
	2	Smart Charging optimizatization
	2	50 kW DC Fast Charging Station Design and Power Electronics Modeling
	2	Optimization of EV Charging Network Using Load Forecasting and Smart Scheduling
	2	Design of Solar Powered EV Charging Station with Battery Energy Storage
	2	Design and Simulation of Battery Management System for Lithium-Ion Battery Pack
Dr.Öğr.Üyesi Nisa Nacar Çıkan	1	Design and Performance Evaluation of an Optical OFDM Transmission System
	1	Simulation of a Coherent Detection Receiver and DSP-Based Signal Recovery
	1	Investigation of Nonlinear Effects in Optical Fibers
	1	Modeling and Compensation of Polarization Mode Dispersion Using Digital Signal Processing
	2	Analysis of Crosstalk and Channel Spacing Optimization in Wavelength Division Multiplexing
	2	Performance Evaluation of Mach–Zehnder Modulator Parameters
	2	Design and Implementation of an Adaptive Equalizer for Signal Distortion Mitigation
	2	Modeling and Performance Analysis of a Free Space Optical Transmission Link Under Atmospheric Turbulence
	2	Simulation and Analysis of Soliton Pulse Propagation in Optical Fibers
Dr.Öğr.Üyesi Oğuzhan Timur	1	Design of a Cement Vertical Mill Proses Monitoring and Control System
	1	Fault Detection in Power Transformers Using Artificial Intelligence and Forecasting Methods
	1	Design and Implementation of quadcopters with cascade PI/PID
	1	Development of a smart door security system with camera and audio system controlled by a Mobile Application
	2	Electromechanical Starting Methods and Practical Applications for Three-Phase and Single-Phase Induction Motors
	2	Design and Implementation of quadcopters with cascade PI/PID
	2	Design of a Coordinator Node Card for Energy Monitoring and Control System
	2	Design of a Sensor Node Card for Energy Monitoring and Control System
	2	Development a web-based application for Energy Monitoring and Control System