

EEE491 Project List					
Proje Group Number	Öğrenci No	Ad	Soyad	Advisor	Projet Name
1	201110012	MÜMIN EMİRHAN	DARKA	Prof. Dr. Fırat HARDALAÇ	AI-Based Threat Detection and Avoidance Systems in Autonomous Unmanned Aerial Vehicles (UAVs)
	21111010403	ZEKERİYA	ÖZDEMİR		
	191110074	AHMET OGÜN	UYSALOĞLU		
2	201110015	EMİRHAN	KARA	Prof. Dr. Fırat HARDALAÇ	AC-DC 45-Watt Single Output Flyback Converter
	201110002	MEHMET AKİF	YİĞİT		
	201110001	HASAN BEDRİ	BAYLAR		
	191110079	MUHAMMED FATİH	YAYAN		
3	22111010042	NURSEL ZEYNEP	BİRDİSLİ	Prof. Dr. Müslüm Cengiz TAPLAMACIOĞLU	Frequency regulative inverter/converter design
	201110028	ŞEREF FURKAN	KOLSUZ		
	181112003	MURAT TAHA	AKGÜL		
	181110053	#YOK	#YOK		
4	21111010074	CHAN BERK	DİLBER	Prof. Dr. Müslüm Cengiz TAPLAMACIOĞLU	Solar Tracking System with MATLAB-Based Monitoring and Clean Energy Storage
	21111010021	ÜZEYİR	ARSLAN		
	201110009	TALHA	UÇKAC		
	21111010015	MUSTAFA	TÜRKÖĞLU		
5	21111010405	CHAN	KARAKAŞ	Prof. Dr. Saffet AYASUN	Prototype of Regenerative Braking System for Electric Vehicles
	22111012002	BEYZA	DIŞLI		
	22111012008	SERRA	BESER		
	21111012009	ŞEVVAL	VURAL		
6	21111012008	EMRE	AKBAL	Prof. Dr. Saffet AYASUN	Designof PV Panel Cleaning and Damage Identification System
	22111012053	AYÇA	ATAS		
	21111012036	MERYEM NİHAN	UNGAN		
	201112027	MİRAYDA	GÜVENC		
7	201112032	ERAY	AKBAŞ	Prof. Dr. Hasan Şakir BİLGE	Multi-Camera Embedded Processing System for ADAS Services
	21111012026	CELAL BERK	UZUNKAYA		
	22111012049	ÖMER BURAK	ACAR		
	22111012052	RAMAZAN	ALTUNKAYA		
8	201110033	AHMET KAĞAN	UZGÖREN	Prof. Dr. Nursel AKÇAM	Energy-Efficient X-Band Beamforming RF Chain: Single-Channel Design and Simulation Focused on a Passive 4-Bit Phase Shifter
	201110006	OSMAN KEREM	KANDIRMAZ		
	201112046	YİĞİT	ŞENER		
9	21111010010	SAMET	AYAZ	Prof. Dr. Ali KARA	Non-Invasive Blood Glucose Level (BGL) Monitoring Device Using Microwave Sensing
	21111010019	MUSA	CETİNER		
	21111010050	İBRAHİM ETİHEM	DEMİREL		
10	21111010072	BEDİRHAN	BERGÖZ	Prof. Dr. Mehmet ÇİYDEM	Antenna Array Design for Satellite S-Band Telemetry
	22111010023	ÖMÜRCAN	AYDIN		
	22111010050	SUDE	YILDIZ		
11	22111010007	EFE BERKE	ERDAR	Prof. Dr. Mehmet ÇİYDEM	Antenna Array Design for Satellite S-Band Telemetry
	22111012042	AYBÜKE BEĞÜM	KOLSUZ		
	21111010043	NESLİHAN	KARAYILAN		
12	21111010060	FURKAN	KURU	Prof. Dr. Bünaymin TAMYÜREK	Development of a 4-Channel PWM-Based DDV Valve Driver for Airborne Flight Control Actuators
	191110026	MELİK ÇAGRI	EKİCİ		
	201110046	İKRANUR	CEYLAN		
13	21111010082	MUHAMMED EMRE	ERÇİN	Prof. Dr. Özgür ERTUĞ	Smart Home Integrated Earthquake Early Warning and Safety System
	21111012024	BARAN ARDA	DOLANCAY		
	201110081	MÜNEVVER	BABA		
14	21111012047	ALİŞAN	ÖZKAYA	Prof. Dr. Özgür ERTUĞ	A Design Of The End-To-End Wireless Communication System Based On Autocoder And Adalm-PLUTO
	21111012032	YUSUF ŞAMİL	ATAR		
	22111012041	MURAT BİLGEHAN	CANİTEZ		
15	21111010039	ELİF GANIYE	UYGUN	Prof. Dr. Tuğba Selen NAVRUZ	Camouflaged Mobile Air Defense System Vehicle
	22111010078	KÜBRANUR	CICI		
	22111010018	NADİRE SEVVAL	ATEŞ		
16	201110014	BEKİR LEVENT	AVAN	Doç. Dr. Söleyman Sungur TEZCAN	Analysis of the Impacts of Solar Power Plants (SPPs) on Distribution Networks and Development of Mitigation Proposals (Supported by EnerjiSA)
	21111012050	ÖMER SOHA	AYDOĞDU		
	21111010077	İLKUNUR	GÖCKON		
17	21111010030	ECESU	NASUHOĞLU	Doç. Dr. Mehmet Feyzi AKŞAHİN	Pilot Health Monitoring System
	21111012035	BEGÜM	ERÇİHAN		
	21111012023	OGUZHAN	ŞAHİN		
18	21111012052	LATİF	KAYA	Doç. Dr. Mehmet Feyzi AKŞAHİN	Camouflaged Mobile Air Defense System
	21111010079	OGUZ	AKMAN		
	21111010009	AYBARS KAAAN	KILIÇKIRAN		
19	21111012049	HÜSEYİN	SERT	Doç. Dr. Derya YILMAZ	Automated Material Feeding and Distribution System
	21111010008	BİLAL	GÜMÜŞ		
	21111012013	HALİL DOĞAN	GÜLCAN		
20	21111010040	RECEP	AVŞAROĞLU	Doç. Dr. Uğurhan KUTBAY	VisionLink: AI Powered Smart Glasses for Real Time Assistance and Connectivity
	21111012001	OKAN	CİL		
	21111010038	MUHAMMED RAŞİD	HİLAL		
21	21111010017	SERKAN	ŞAHİN	Doç. Dr. Derya YILMAZ	Autonomous Fire Detection Network
	21111012005	HÜSEYİN	CETİN		
	21111012020	ERBAY	ATAS		
22	21111012042	OSMAN ALPEREN	TÜRKMEN	Doç. Dr. Korhan KAYIŞLI	Hybrid Solar Inverter with MPPT, Bidirectional DC-DC Converter, and IoT Monitoring
	21111010067	BATUHAN	CORMAN		
	21111012048	ÖMER	YÜKSEL TÜRK		
23	21111010026	CEM	BOYNUYOĞUN	Doç. Dr. Korhan KAYIŞLI	Active Ripple Suppression in Low-Voltage DC Bus Systems
	22111012003	KEREM	GEÇER		
	22111010032	OGULCAN	PALA		
24	22111010014	MUHAMMED SAİD	DEMİREL	Doç. Dr. Korhan KAYIŞLI	Multimodal Quality Control and Product Sorting System
	22111010021	SEBAHİ UTKU	ÖZDEMİR		
	21111010001	MUSTAFA	ATABEY		
25	21111010049	MEHMET EMRE	TOSUN	Doç. Dr. Uğurhan KUTBAY	Intelligent Solar Energy Management System: MPPT Control, Battery Storage, and IoT Monitoring
	22111012006	HURİYE ELİF	GÜRÜZÖZER		
	201112044	ALİ SALİH	YILDIRIM		
26	22111012025	FATMA DEFNE	DOLAZ	Doç. Dr. Korhan KAYIŞLI	Smart Line-Following Robot with Memory
	21111012407	ALAA	ABO İEESH		
	22111012405	ALAA MOHAMMED ABDALLA ALI	ALAA MOHAMMED ABDALLA ALI		
27	201110004	YASİR	BERK	Doç. Dr. Hıdır DÜZKAYA	Autonomous Firefighting Drone Fleet Project
	21111012022	SERPİL	KARBAN		
	21111010006	ALİ ARDA	TOPAL		
28	201112051	EBRAR SUDE	YİĞİTOĞLU	Doç. Dr. Korhan KAYIŞLI	Hybrid Solar Inverter with MPPT, Bidirectional DC-DC Converter, and IoT Monitoring
	191112401	ALTAR ÇAĞATAY	TENDÜRÜS		
	21111012053	DİNA	KARMOUS		
29	21111012408	YAZAN	ALQANISYA	Doç. Dr. Korhan KAYIŞLI	Active Ripple Suppression in Low-Voltage DC Bus Systems
	21111010057	ŞEFA ERDEM	ABUTAHOUN		
	21111010080	EREN	KESER		
30	21111012012	AYŞE	KÖSE	Doç. Dr. Korhan KAYIŞLI	Multimodal Quality Control and Product Sorting System
	21111012044	MERCAN	TOPKAYA		
	201110058	TARİK	CELİK		
31	21111010004	HACI İSMAİL	KELES	Doç. Dr. Korhan KAYIŞLI	Intelligent Solar Energy Management System: MPPT Control, Battery Storage, and IoT Monitoring
	191112008	SENİHA	AYDIN		
	201110072	LEYLA	KALE		
32	21111010033	BÜSRA	İNCE	Doç. Dr. Korhan KAYIŞLI	Smart Line-Following Robot with Memory
	21111010073	MUHAMMED ALPEREN	YAKUT		
	21111010051	MUSTAFA	BAYTİMUR		
33	22111012048	YUSUF	MEKTEBİ	Doç. Dr. Hıdır DÜZKAYA	Solid State Transformer
	21111010053	AHMET BURAK	GÜRÜCÜ		
	22111010076	#YOK	#YOK		
34	21111010011	BURAK	BENLİCE	Doç. Dr. Hıdır DÜZKAYA	Aircraft Electrical Power Distribution System Design
	201110007	MUHAMMET ALİ	ÜNAL		
	21111010013	TURGUT MERT	AKSOY		
35	21111010031	CEYDA	COĞAL	Dr. Öğr. Üyesi Funda ERGÜN YARDIM	Autonomous Navigation and Deep Learning-Based Obstacle Detection in Unmanned Ground Vehicles (UGVs)
	21111010028	ENVER	ULUSOY		
	21111010052	BİLAL TALHA	TEKİN		
36	21111010042	DOĞUKAN	PACAL	Dr. Öğr. Üyesi Bülent DAĞ	A Grid-Connected Small-Scale Wind Turbine Design
	22111010037	BERİL	BULAK		
	191110006	ABDUSSAMET	AKPUNAR		
37	201110005	AHMET RİFAT	KARADEMİR	Dr. Öğr. Üyesi Emrah DEMİR	Development of a Legged Robotic Platform for Disaster Response with Integrated Camera and Infrared Sensors
	201112036	YASİN	MEŞE		
	201112003	YAVUZ EMRE	KINAY		
38	181110055	ALİ EFE	ÖĞREDİCİ	Dr. Öğr. Üyesi Funda ERGÜN YARDIM	Autonomous Navigation and Deep Learning-Based Obstacle Detection in Unmanned Ground Vehicles (UGVs)
	21111012039	AHMET ŞAMİL	SAKARYA		
	21111012011	YUNUS EMRE	GÜNDÜZ		
39	21111012055	ALİ YOUSEF ALI	GASİEA	Dr. Öğr. Üyesi Özgür ERGÜL	Cognitive Jammer
	21111012031	AHMET FURKAN	ŞAHİN		
	21111012045	FURKAN	SARIYERLİOĞLU		
40	22111012751	EMRE	KARACA	Dr. Öğr. Üyesi Özgür ERGÜL	Cognitive Jammer
	21111010404	HAMZA	KAYAR		
	201110708	MUHAMMET AKIN	ÖZEL		
41	21111010002	DOĞAN ALPEREN	YILMAZ		

	201110079	ALI EREN	ULUSOY		
37	21111012041	DERYA	YILDIZ		
	21111010025	BURAK	CELEP		
	21111010066	BERKE	OGUZ		
	21111012025	MUAMMER	ÖZSAHİN		
	21111010070	MUSTAFA BÜLENT	YULAF		

Dr. Öğr. Üyesi Emrah DEMİR

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