

2024-2025 EEE491 Projects									
CrnNo	Student ID	Student Name/Surname	Project Topic	Project Advisor	Date	Hour	Class	Presentation	Jury
1	2111012017	Selvi CELIK	Design and Implementation of Robot Flight Control Computer, Ground Station and Ground Station Interface	Prof. Dr. Feri HARMALAC	27.12.2024	10:00	206	Prof. Dr. Firat HARMALAC Prof. Dr. Erhan AYDIN Asst. Gorr. Mustafa AYDIN	Prof. Dr. Firat HARMALAC Prof. Dr. Erhan AYDIN Asst. Gorr. Mustafa AYDIN
2	2111012018	Baris GONUL							
3	2111012017	Yusuf ERGUN							
4	2111012017	Hakan ATAKAN	Development of a target tracking algorithm using aircraft data captured via a commercial ADS-B receiver with a Raspberry Pi processor card	Prof. Dr. H. Gerge TAPLAMACOGULLU	26.12.2024	09:40	208	Prof. Dr. H. Gerge TAPLAMACOGULLU Asst. Gorr. Suleyman SURBUR TEZCAN Asst. Gorr. Ahmet KULAY AYDOGAN	Prof. Dr. H. Gerge TAPLAMACOGULLU Asst. Gorr. Suleyman SURBUR TEZCAN Asst. Gorr. Ahmet KULAY AYDOGAN
5	2111012017	Muhammed Faruk YILMAZ							
6	2111012017	Furkan KARAGUZEL							
7	2111012019	Reyhanur CEMRULYUZ	FPGA Based DC-AC Converter	Prof. Dr. H. Gerge TAPLAMACOGULLU	26.12.2024	10:00	208	Prof. Dr. H. Gerge TAPLAMACOGULLU Asst. Gorr. Ahmet KULAY AYDOGAN	Prof. Dr. H. Gerge TAPLAMACOGULLU Asst. Gorr. Ahmet KULAY AYDOGAN
8	2111012017	Senay SOYAL							
9	2111012017	Emre ERGEL							
10	2111012016	Mehmet ERG	Multipurpose 0-30V 0-5A adjustable power supply for medical devices	Prof. Dr. H. Gerge TAPLAMACOGULLU	26.12.2024	10:20	208	Prof. Dr. H. Gerge TAPLAMACOGULLU Asst. Gorr. Suleyman SURBUR TEZCAN Asst. Gorr. Ahmet KULAY AYDOGAN	Prof. Dr. H. Gerge TAPLAMACOGULLU Asst. Gorr. Suleyman SURBUR TEZCAN Asst. Gorr. Ahmet KULAY AYDOGAN
11	2111012019	Fatihcan AYDIN							
12	2111012012	Yigit YILMAZ							
13	2111012017	Deniz Emre AKGOC	3D Segmentation and Volume Prediction of Malignant	Prof. Dr. Erhan AYDIN (Doc. Dr. Mehmet Faysal AKSAHRIN)	26.12.2024	10:40	Seminer Salonu (326)	Prof. Dr. Erhan AYDIN Doc. Dr. Mehmet Faysal AKSAHRIN Asst. Gorr. Ete ARIN	Prof. Dr. Erhan AYDIN Doc. Dr. Mehmet Faysal AKSAHRIN Asst. Gorr. Ete ARIN
14	2111012018	Melih ERGEL							
15	2111012012	Mehmet Nurul ERGEL							
16	2111012019	Emre YILMAZ	Smart Power Quality Metering Device	Prof. Dr. Ozgul SALDIR DURNIA	26.12.2024	13:40	208	Prof. Dr. Ozgul SALDIR DURNIA Prof. Dr. Mehmet FAYSA Asst. Gorr. Yunus Emre SEN	Prof. Dr. Ozgul SALDIR DURNIA Prof. Dr. Mehmet FAYSA Asst. Gorr. Yunus Emre SEN
17	2111012019	Mehmetcan GONUL							
18	2111012013	Khanan BAHAR							
19	2111012019	Osman ERGEL	BAT Based In-Pod Electrical Power Supply	Prof. Dr. Ozgul SALDIR DURNIA	26.12.2024	15:00	208	Prof. Dr. Ozgul SALDIR DURNIA Prof. Dr. Mehmet FAYSA Asst. Gorr. Yunus Emre SEN	Prof. Dr. Ozgul SALDIR DURNIA Prof. Dr. Mehmet FAYSA Asst. Gorr. Yunus Emre SEN
20	2111012019	Mutlulu YILMAZ							
21	2111012020	Emre KALDIRIR							
22	2111012019	Caner AKCAN	STABILITY ANALYSIS AND CONTROLLER DESIGN OF A TIME-DELAYED DC-DC CONVERTER	Prof. Dr. Safiye AYAZIN	26.12.2024	13:20	Seminer Salonu (326)	Prof. Dr. Safiye AYAZIN Dr. Dgr. Uye Funda Ergun YARDIM Dr. Gorr. Salih DINDAR	Prof. Dr. Safiye AYAZIN Dr. Dgr. Uye Funda Ergun YARDIM Dr. Gorr. Salih DINDAR
23	C18114202	Ahmed ARSLAN							
24	C18114202	Bahar ERGUN							
25	C18114202	Deniz KOCER	Radar Detection Medical Alarm System (WPER ASSIST)	Prof. Dr. Hasan Sakir BELGE	26.12.2024	13:20	202	Prof. Dr. Hasan Sakir BELGE Asst. Gorr. Resat ADANUR Prof. Dr. Mehmet FAYSA	Prof. Dr. Hasan Sakir BELGE Asst. Gorr. Resat ADANUR Prof. Dr. Mehmet FAYSA
26	C18114202	Erg YILMAZ							
27	2111012014	Huday AKGOC							
28	2111012019	Ahmed Mustafa ZAYED	Chip Design Using RYDERWARE_2.0v 5A	Prof. Dr. Hasan Sakir BELGE	26.12.2024	13:40	202	Prof. Dr. Hasan Sakir BELGE Asst. Gorr. Resat ADANUR Prof. Dr. Mehmet FAYSA	Prof. Dr. Hasan Sakir BELGE Asst. Gorr. Resat ADANUR Prof. Dr. Mehmet FAYSA
29	2111012019	Senay ERGUN							
30	2111012014	Deniz Ozgur Ozer							
31	2111012019	Yusuf ERGUN	3D Segmentation of Lung and Volume Prediction of Cancerous Tissues	Prof. Dr. Nurul AKCAN (Doc. Dr. Mehmet Faysal AKSAHRIN)	26.12.2024	10:20	Seminer Salonu (326)	Prof. Dr. Nurul AKCAN Prof. Dr. Mehmet Faysal AKSAHRIN Asst. Gorr. Ete ARIN	Prof. Dr. Nurul AKCAN Prof. Dr. Mehmet Faysal AKSAHRIN Asst. Gorr. Ete ARIN
32	2111012019	Yusuf ERGUN							
33	2111012019	Mehmetcan GONUL							
34	2111012019	Mehmetcan GONUL	Design and Development of Curved/Slanted Antenna for Helicopters	Prof. Dr. Mehmet FAYSA	26.12.2024	14:40	208	Prof. Dr. Mehmet FAYSA Asst. Gorr. Yunus Emre SEN	Prof. Dr. Mehmet FAYSA Asst. Gorr. Yunus Emre SEN
35	2111012019	Senay ERGUN							
36	2111012019	Mehmetcan GONUL							
37	2111012019	Mehmetcan GONUL	Classification of Technical Analysis Patterns in the Stock Market	Prof. Dr. Erhan AYDIN	27.12.2024	10:20	206	Prof. Dr. Erhan AYDIN Asst. Gorr. Mustafa AYDIN Prof. Dr. Suleyman SURBUR TEZCAN	Prof. Dr. Erhan AYDIN Asst. Gorr. Mustafa AYDIN Prof. Dr. Suleyman SURBUR TEZCAN
38	2111012019	Mehmetcan GONUL							
39	2111012019	Mehmetcan GONUL							
40	2111012019	Mehmetcan GONUL	A High-Efficiency Bidirectional DC/DC Converter for Future Energy Storage Applications	Prof. Dr. Binyamin TANYUREK	27.12.2024	10:40	206	Prof. Dr. Binyamin TANYUREK Dr. Dgr. Uye Hidir DUZKAYA Dr. Gorr. Mehmet AHI OZDEMIR	Prof. Dr. Binyamin TANYUREK Dr. Dgr. Uye Hidir DUZKAYA Dr. Gorr. Mehmet AHI OZDEMIR
41	2111012019	Yusuf ERGUN							
42	2111012019	Yusuf ERGUN							
43	2111012019	Yusuf ERGUN	An LLC resonant Converter for Space Applications	Prof. Dr. Binyamin TANYUREK	27.12.2024	11:00	206	Prof. Dr. Binyamin TANYUREK Dr. Dgr. Uye Hidir DUZKAYA Dr. Gorr. Mehmet AHI OZDEMIR	Prof. Dr. Binyamin TANYUREK Dr. Dgr. Uye Hidir DUZKAYA Dr. Gorr. Mehmet AHI OZDEMIR
44	2111012019	Yusuf ERGUN							
45	2111012019	Yusuf ERGUN							
46	2111012019	Yusuf ERGUN	Design and Implementation of IEEE802.11b Standard Based WLAN Physical Layer Waveform on DSP	Prof. Dr. Ozgur ERGUN	27.12.2024	12:00	206	Prof. Dr. Ozgur ERGUN Dr. Dgr. Uye Funda Ergun YARDIM Asst. Gorr. Resat ADANUR	Prof. Dr. Ozgur ERGUN Dr. Dgr. Uye Funda Ergun YARDIM Asst. Gorr. Resat ADANUR
47	2111012019	Yusuf ERGUN							
48	2111012019	Yusuf ERGUN							
49	2111012019	Yusuf ERGUN	Air Defense System Vehicle	Prof. Dr. Tuuba Selcen NABRIZ	26.12.2024	16:00	204	Prof. Dr. Tuuba Selcen NABRIZ Asst. Gorr. Serhat KUBRUCAN Asst. Gorr. Serhat KUBRUCAN	Prof. Dr. Tuuba Selcen NABRIZ Asst. Gorr. Serhat KUBRUCAN Asst. Gorr. Serhat KUBRUCAN
50	2111012019	Yusuf ERGUN							
51	2111012019	Yusuf ERGUN							
52	2111012019	Yusuf ERGUN	Deep Learning Based Anomalous Exploration and Hazard Detection Vehicle	Prof. Dr. Tuuba Selcen NABRIZ	26.12.2024	16:20	204	Prof. Dr. Tuuba Selcen NABRIZ Dr. Dgr. Uye Mehmet KARAKAYA Asst. Gorr. Serhat KUBRUCAN	Prof. Dr. Tuuba Selcen NABRIZ Dr. Dgr. Uye Mehmet KARAKAYA Asst. Gorr. Serhat KUBRUCAN
53	2111012019	Yusuf ERGUN							
54	2111012019	Yusuf ERGUN							
55	2111012019	Yusuf ERGUN	Cigarette Stick Detection in Traffic	Doc. Dr. Suleyman SURBUR TEZCAN	26.12.2024	10:40	208	Prof. Dr. Suleyman SURBUR TEZCAN Prof. Dr. H. Gerge TAPLAMACOGULLU Asst. Gorr. Ahmet KULAY AYDOGAN	Prof. Dr. Suleyman SURBUR TEZCAN Prof. Dr. H. Gerge TAPLAMACOGULLU Asst. Gorr. Ahmet KULAY AYDOGAN
56	2111012019	Yusuf ERGUN							
57	2111012019	Yusuf ERGUN							
58	2111012019	Yusuf ERGUN	Target Detection and Classification Using Image Processing Methods Supported by Artificial Intelligence	Doc. Dr. Mehmet Faysal AKSAHRIN	26.12.2024	10:00	Seminer Salonu (326)	Prof. Dr. Mehmet Faysal AKSAHRIN Prof. Dr. Erhan AYDIN Asst. Gorr. Ete ARIN	Prof. Dr. Mehmet Faysal AKSAHRIN Prof. Dr. Erhan AYDIN Asst. Gorr. Ete ARIN
59	2111012019	Yusuf ERGUN							
60	2111012019	Yusuf ERGUN							
61	2111012019	Yusuf ERGUN	Development and testing of an AI-based model for ship detection and classification in coastal zone surveillance	Doc. Dr. Mehmet Faysal AKSAHRIN	26.12.2024	11:00	Seminer Salonu (326)	Prof. Dr. Mehmet Faysal AKSAHRIN Prof. Dr. Erhan AYDIN Asst. Gorr. Ete ARIN	Prof. Dr. Mehmet Faysal AKSAHRIN Prof. Dr. Erhan AYDIN Asst. Gorr. Ete ARIN
62	2111012019	Yusuf ERGUN							
63	2111012019	Yusuf ERGUN							
64	2111012019	Yusuf ERGUN	Development of the Hand Exercise Device Prototype for Rehabilitation	Doc. Dr. Derya YILMAZ	27.12.2024	11:40	Seminer Salonu (326)	Prof. Dr. Tuuba Selcen NABRIZ Dr. Dgr. Uye Mehmet KARAKAYA Asst. Gorr. Serhat KUBRUCAN	Prof. Dr. Tuuba Selcen NABRIZ Dr. Dgr. Uye Mehmet KARAKAYA Asst. Gorr. Serhat KUBRUCAN
65	2111012019	Yusuf ERGUN							
66	2111012019	Yusuf ERGUN							
67	2111012019	Yusuf ERGUN	Deep Learning-Based System for Detecting Cracks and Fractures in Solar Panels	Doc. Dr. Uqurhan KUTBAY	26.12.2024	14:00	202	Prof. Dr. Uqurhan KUTBAY Asst. Gorr. Resat ADANUR Asst. Gorr. Resat ADANUR	Prof. Dr. Uqurhan KUTBAY Asst. Gorr. Resat ADANUR Asst. Gorr. Resat ADANUR
68	2111012019	Yusuf ERGUN							
69	2111012019	Yusuf ERGUN							
70	2111012019	Yusuf ERGUN	Self-Activated Ship Door: An Interactive Access Control System	Dr. Dgr. Uyesi Mehmet KARAKAYA	26.12.2024	16:40	204	Prof. Dr. Tuuba Selcen NABRIZ Asst. Gorr. Serhat KUBRUCAN Asst. Gorr. Serhat KUBRUCAN	Prof. Dr. Tuuba Selcen NABRIZ Asst. Gorr. Serhat KUBRUCAN Asst. Gorr. Serhat KUBRUCAN
71	2111012019	Yusuf ERGUN							
72	2111012019	Yusuf ERGUN							
73	2111012019	Yusuf ERGUN	Solar Inverter System	Dr. Dgr. Uyesi Bilal DAG	26.12.2024	13:40	Seminer Salonu (326)	Prof. Dr. Uyesi Bilal DAG Dr. Dgr. Uye Mehmet KARAKAYA Asst. Gorr. Serhat KUBRUCAN	Prof. Dr. Uyesi Bilal DAG Dr. Dgr. Uye Mehmet KARAKAYA Asst. Gorr. Serhat KUBRUCAN
74	2111012019	Yusuf ERGUN							
75	2111012019	Yusuf ERGUN							
76	2111012019	Yusuf ERGUN	Spectrum Assessment Methods for Cognitive Radio	Dr. Dgr. Uyesi Ozgur ERGUN	27.12.2024	16:30	202	Dr. Dgr. Uye Ozgur ERGUN Doc. Dr. Mehmet Emin CELIK Asst. Gorr. Mehmet Ali OZDEMIR	Dr. Dgr. Uye Ozgur ERGUN Doc. Dr. Mehmet Emin CELIK Asst. Gorr. Mehmet Ali OZDEMIR
77	2111012019	Yusuf ERGUN							
78	2111012019	Yusuf ERGUN							
79	2111012019	Yusuf ERGUN	Follow-on Unmanned Aerial Vehicle (FAV)	Dr. Dgr. Uyesi Ozgur ERGUN	27.12.2024	16:50	202	Dr. Dgr. Uye Ozgur ERGUN Doc. Dr. Mehmet Emin CELIK Asst. Gorr. Mehmet Ali OZDEMIR	Dr. Dgr. Uye Ozgur ERGUN Doc. Dr. Mehmet Emin CELIK Asst. Gorr. Mehmet Ali OZDEMIR
80	2111012019	Yusuf ERGUN							
81	2111012019	Yusuf ERGUN							
82	2111012019	Yusuf ERGUN	UGM Based Outdoor Mapping System	Dr. Dgr. Uyesi Hidir DUZKAYA	27.12.2024	11:20	206	Prof. Dr. Uyesi Hidir DUZKAYA Prof. Dr. Binyamin TANYUREK Dr. Gorr. Mehmet AHI OZDEMIR	Prof. Dr. Uyesi Hidir DUZKAYA Prof. Dr. Binyamin TANYUREK Dr. Gorr. Mehmet AHI OZDEMIR
83	2111012019	Yusuf ERGUN							
84	2111012019	Yusuf ERGUN							
85	2111012019	Yusuf ERGUN	Development of BAT Based Intra-Pod Electrical Power Supply (EM IR-Up)	Dr. Dgr. Uyesi Hidir DUZKAYA	27.12.2024	11:40	206	Prof. Dr. Uyesi Hidir DUZKAYA Prof. Dr. Binyamin TANYUREK Dr. Gorr. Mehmet AHI OZDEMIR	Prof. Dr. Uyesi Hidir DUZKAYA Prof. Dr. Binyamin TANYUREK Dr. Gorr. Mehmet AHI OZDEMIR
86	2111012019	Yusuf ERGUN							
87	2111012019	Yusuf ERGUN							
88	2111012019	Yusuf ERGUN	EM Filter Design for DC-DC Converter	Dr. Dgr. Uyesi Funda Ergun YARDIM	26.12.2024	13:00	Seminer Salonu (326)	Prof. Dr. Safiye AYAZIN Dr. Dgr. Uye Funda Ergun YARDIM Dr. Gorr. Salih DINDAR	Prof. Dr. Safiye AYAZIN Dr. Dgr. Uye Funda Ergun YARDIM Dr. Gorr. Salih DINDAR
89	2111012019	Yusuf ERGUN							
90	2111012019	Yusuf ERGUN							
91	2111012019	Yusuf ERGUN	Design and Implementation of a 3000mAh, 15W Wireless Portable Charger	Doc. Dr. Korhan KATYALI	27.12.2024	14:20	205	Doc. Dr. Korhan KATYALI Dr. Dgr. Uye Emrah DEMIR Dr. Gorr. Salih DINDAR	Doc. Dr. Korhan KATYALI Dr. Dgr. Uye Emrah DEMIR Dr. Gorr. Salih DINDAR
92	2111012019	Yusuf ERGUN							
93	2111012019	Yusuf ERGUN							
94	2111012019	Yusuf ERGUN	Design and implementation of a 3.0DF Robotic Human Arm	Doc. Dr. Korhan KATYALI	27.12.2024	14:40	205	Doc. Dr. Korhan KATYALI Dr. Dgr. Uye Emrah DEMIR Dr. Gorr. Salih DINDAR	Doc. Dr. Korhan KATYALI Dr. Dgr. Uye Emrah DEMIR Dr. Gorr. Salih DINDAR
95	2111012019	Yusuf ERGUN							
96	2111012019	Yusuf ERGUN							
97	2111012019	Yusuf ERGUN	High Voltage Power Supply	Dr. Dgr. Uyesi Emrah DEMIR	27.12.2024	15:00	205	Doc. Dr. Korhan KATYALI Dr. Dgr. Uye Emrah DEMIR Dr. Gorr. Salih DINDAR	Doc. Dr. Korhan KATYALI Dr. Dgr. Uye Emrah DEMIR Dr. Gorr. Salih DINDAR
98	2111012019	Yusuf ERGUN							
99	2111012019	Yusuf ERGUN							
100	2111012019	Yusuf ERGUN	Design and Implementation of a 3000mAh, 15W Wireless Portable Charger	Doc. Dr. Mehmet Emin CELIK (Doc. Dr. Korhan KATYALI)	27.12.2024	14:00	205	Doc. Dr. Mehmet Emin CELIK Dr. Dgr. Uye Emrah DEMIR Asst. Gorr. Mustafa AYDIN	Doc. Dr. Mehmet Emin CELIK Dr. Dgr. Uye Emrah DEMIR Asst. Gorr. Mustafa AYDIN
101	2111012019	Yusuf ERGUN							
102	2111012019	Yusuf ERGUN							