

Advisor	Subjects	Date/Hours 29.05.2024	Jury Members	Classroom
Osman Nuri Şahin	Morphing Wing Design for a Small Tactical UAV (Coadvisor: Şeniz Ertuğrul)	10.30-11.00	Osman Nuri Şahin Abbasali Saboktakin Diaa Gadelmavla	D312
Advisor	Subjects	Date/Hours 31.05.2024	Jury Members	Classroom
Fabrizio Pinto	Autonomous optical and inertial navigation of a realistic solar-sail propelled CubeSat class spacecraft targeting orbits around Mars and its moons. (Group-2/1)	09.00-09.30	İzzet Murat Akşit, Fabrizio Pinto, Cem Tahsin Yücer	TESLA ML 205
	Proof-of-concept of a realistic solar-sail propelled CubeSat class spacecraft digital twin targeting orbits around Mars and its moons. (Group-2/2)	09.30-10.00		
	Trajectory design and flight dynamics of a realistic solar-sail propelled CubeSat class spacecraft targeting orbits around Mars and its moons. (Group-3)	10.00-10.30		
İzzet Murat Akşit	CFD Analysis of a Contra Rotating Propeller (Horizontal Propeller Axis) Coadvisor:Osman Nuri Şahin	12.00-12.30		
	CFD Analysis of Two Propellers (Two Vertical Propeller Axis)	12.30-13.00		
Osman Nuri Şahin	Design and Development of Ducted Fan UAV for Agricultural Purpose	13.00-13.30	Osman Nuri Şahin Abbasali Saboktakin Diaa Gadelmavla	TESLA ML 205
Abbasali Saboktakin	HYPERVELOCITY IMPACT OF LIGHTWEIGHT COMPOSITE	14.00-14.30		
Diaa Gadelmavla	Development of life jacket - integrated antenna for global search and rescue using satellite systems	16.00-16.30		
Diaa Gadelmavla	Development of a self-charging (energy harvesting) drone	16.30-17.00		