

SENG402 GRADUATION PROJECT-II PRESENTATION LIST

- Each project is allocated 15 minutes total (10-minute presentation + 5-minute Q&A).
- Your presentation must clearly outline your project objectives, methods, first-semester progress, and second-semester plans.
- All groups must arrive by 09:30.

SESSION - 1

DATE & TIME: 18 February 2026, 09:30

LOCATION: A303

ACADEMICS: Doç. Dr. Yenal ARSLAN

Dr. Öğr. Üyesi Abdulkadir TAŞDELEN

Dr. Öğr. Üyesi Ömer MİNTEMUR

PROJECT GROUPS:

ADVISOR	STUDENT NAME	PROJECT TITLE
Assoc. Prof. Dr. Yenal ARSLAN	EMİR FURKAN BAZLICI, BURAK URAN, AHMET CAN YAMAÇ, BERK UYSALGİL	Personel Performance Analys System-PPAS
	SENCER EREN YAVUZ, MERT İNAN DOĞAN	Risk-Oriented AI-Powered Internal Control System (RAICS)
Asst. Prof. Dr. Abdulkadir TAŞDELEN	ALAADDİN KOYUNCU, NİLGÜN BİNNUR KESKİN	Detection of Fire Safety Elements in Hospitality Facilities through Visual Data Analysis and Risk Index Generation
Asst. Prof. Dr. Ömer MİNTEMUR	EMİRHAN TIPIRDAMAZ	Real Time Chessboard AI Assistant
	FIRAT ÖZCAN, ROJDA SÜSLÜ, MUSA YÜKSEL, SENA DİLAN ÇAKIR	A Deep Learning Approach for Image Colorization Based on KL Divergence
	MUHAMMED REMZİ AKNAR, SERHAT BUĞRA AYGÖR	Histopathological Image Classification for Skin Tumors Using Deep Learning

SESSION - 2

DATE & TIME: 18 February 2026, 09:30

LOCATION: Faculty of Engineering Meeting Room, 4th Floor, Block B

ACADEMICS: Doç. Dr. Hilal ARSLAN

Dr. Öğr. Üyesi Fatma KÜÇÜK

Dr. Öğr. Üyesi Rasha OSMAN

PROJECT GROUPS:

ADVISOR	STUDENT NAME	PROJECT TITLE
Assoc. Prof. Dr. Hilal ARSLAN	HATİCE RÜVEYDA AKÇA, FURKAN AYDOS, MELİKE ÇOBANKAYA	An AI-Powered Prediction of Non-small Cell Lung Cancer Recurrence Using Clinical and Pathological Features: A Cross-Platform Application Approach
	MERT ÖZDEMİR, YAREN DİNÇ, BEKİR BERK YILDIRIM, ABDULMAJEED FATHI ABDULMAJEED ALREMALI	ApherAI: AI-Based Prediction and Optimization of Stem Cell Mobilization Dynamics in Apheresis// ApherAI: Terapotik Aferezde Kök Hücre Mobilizasyon Dinamiklerinin Yapay Zekâ Tabanlı Tahmini ve Optimizasyonu
	İLAYDA AKINET, CAN KANKILIÇ, AHMET YUSUF DEMİR	Smart Prediction System for Reproductive Potential Following Varicocele Surgery
Asst. Prof. Dr. Fatma KÜÇÜK	TEVFİK ALPEREN GÖK, YUNUS BERKAY İNCİ, NİHAT EREN ÖZTURAN, YAHYA ÇAKICI	Anomaly Detection in Urban Areas Using Hyperspectral Image Analysis
	AHMET GÖRKEM ÇİÇEK, ALİ HALİT PARLAR	Vegetation Classification Using Hyperspectral Image Processing and
Asst. Prof. Dr. Rasha OSMAN	ROBA ALHATTI, BANAH SABRA KAAK	Developing a detector for student AI generated code

SESSION - 3

DATE & TIME: 18 February 2026, 09:30

LOCATION: A315

ACADEMICS: Dr. Öğr. Üyesi Tuba ÇAĞLIKANTAR

Dr. Öğr. Üyesi Mehmet Ulvi ŞİMŞEK

Dr. Öğr. Üyesi Murat AKIN

PROJECT GROUPS:

ADVISOR	STUDENT NAME	PROJECT TITLE
Asst. Prof. Dr. Tuba ÇAĞLIKANTAR	ADEM ÖZEL	Development of a Python-Based Classification Tool Plugin for QGIS
	TOLGA TATLI, ALİ BARAN KORKMAZ	Multi-Spectral Image Fusion Using Deep Learning Techniques
Asst. Prof. Dr. Mehmet Ulvi ŞİMŞEK	SİNEM COŞKUN, AL-BARAA ABDULLAH ABDULLAH ABDULLAH AL-YADUMI	IoT Honeypot: Multi-Layer Lightweight Honeypot System
	ALP SİNA BAŞARAN, CİHAN ERAY BOZKURT	Time series forecasting with LLMs