

# DRONEVIS

DRONEVIS is a multidisciplinary Unmanned Aerial Vehicle designing and developing team, where our Autonomous plane focuses on building an unmanned aerial system capable of autonomous flight and navigation, and the execution of specific flight systems and computer vision tasks.

Within DRONEVIS, team members also have the opportunity to learn concepts and skills that might not be specifically taught in their classes, such as drone piloting. This combination of classroom teaching and extending that knowledge through designing an UAS provides a more complete educational experience for students

## **VISION:**

- Dronevis aims to explore the vast possibilities of drone technology, develop their piloting and programming skills.
- Promotes responsible and innovative use of drones and other Unmanned Aerial Vehicles through education, skill development, and community engagement and contribute to the advancement of the drone industry.

## **MISSION:**

- Offer educational programs, workshops, and training sessions to equip members with the knowledge and skills needed to safely and proficiently build and operate drones.
- Emphasize the importance of responsible and ethical drone use adhering to rules and regulations by authorities.
- Connect members with experienced drone enthusiasts, professionals, and industry experts who can provide guidance, advice, and inspiration.
- Foster development to enhance UAV capabilities, including autonomous navigation, intelligent mission planning, obstacle avoidance, and real-time data analysis.
- Contributing to advancements in fields such as aerial photography, agriculture, environmental monitoring, search and rescue, and more.

