

ENGINEERING PROJECTS

FLYING CAR (URBAN AIR MOBILITY)

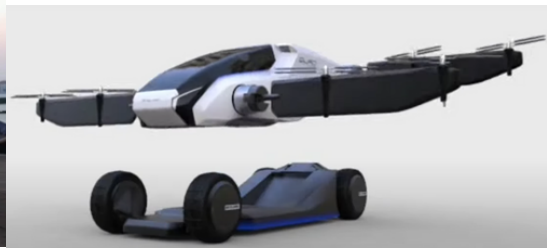
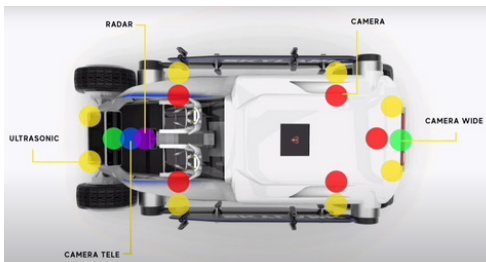


UIFC SKYLARK

Electric Vehicle Urban Air Mobility (UAM) concept that could transport 2 people at its maximum capacity. The UAM consists of ground and fly parts. The UAM is designed to do VTOL and travel around 100 km.

Funded by the university, got a finalist title (world number-14) in international competition

for more detail: <https://www.youtube.com/watch?v=VLSD3ZfsFUg>



DRONE (UNMANNED AERIAL VEHICLE)

AUAV IV (Goods Carrier)

Electric-powered Unmanned Aerial Vehicle (UAV) has a mission to deliver goods. The UAV has a computer vision system to detect the drop target

Funded by the university and sponsors, got a finalist title in international competition



AUAV I (Racing)

Electric-powered Unmanned Aerial Vehicle (UAV) has a mission to race. The UAV has high maneuverability. Built using cheap material but has a good quality

Funded by the university, got a finalist title in national robotics competition

AUAV II (Mapping and Monitoring)

Electric-powered Unmanned Aerial Vehicle (UAV) has a mission to map ground areas in the form of images and videos. The UAV has high stability and moderate maneuverability.

Funded by the university, got a finalist title in national robotics competition

