SKYLARK

SKYLARK is a multidisciplinary aircraft design team at GAT whose mission is to design, build and fly an electric motor-powered, radio-controlled aircraft for the Aero Design and other competitions. The entire process is student-driven, making it an incredibly valuable learning experience for all students involved. Each competition involves designing an aircraft to carry out a particular mission.

Within SKYLARK, students are able to apply what they have learned in their classes in the process of aircraft design, such as CAD, CFD, and FEA for simulations, see concepts they've learned in classes such as fluid dynamics and structures be applied.

VISION:

Skylark enables students to design, fabricate and fly remote controlled vehicles, design and analyse using designing or modelling and simulation software.

MISSION:

- Encourage members to explore new ideas, and develop technical skills through creative and innovative approaches in aeromodelling.
- Provide opportunities for members to learn and enhance their technical skills in aeromodelling and their application in practical environments.
- Offer workshops, training sessions, competitions and educational resources to ensure continuous growth and improvement.
- Emphasize the importance of responsible flying, adherence to local regulations, and respect for the environment.
- Engage with other departments and other specialised communities by organizing programs, demonstrations, and events as building a remote controlled models combines broad range of multiple different engineering disciplines.