



THE 3RD DIMENSION
AEROMODELLING CLUB OF NITD

3D AEROMODELLING

Foreword from the Core of '20-'21

The last academic year had brought a lot of challenges because of the virtual mode throughout the year. The club has a major inclination to fabricating planes and performing test flights, but all that was not possible.

Also, some of the premier competitions like the SAE Aero Design Challenge and Boeing Aeromodelling Competition did not take place. Online communication made it even more difficult. But all these difficulties helped us adapt and evolve to overcome these problems.

The members had devoted more time to simulation related work compared to before. Fewer competitions meant everyone had more time, which was utilized in learning new software and courses and also exploring new domains. All in all, it gave a different perspective to everyone on what more can be done when we go back to campus.



PROJECTS

- Flying IoT Project
- Visual Odometry
- VTOL (to be continued next academic year as well)
- Sangam projects :
 - Balloon Drone
 - Akula
 - VKAT
 - Stationary Glider

COMPETITIONS

SAE Aerodominator - 10th & 15th place

Skyrush - 4th (overall), 2nd (Design Report)

IEEE VTS UAS Communication Challenge -
One among top 10 finalists across the country

