

Students Project
VI – Year
Poster presentation -Aerospace
Topics

1. Design and Fabrication of electric propelled cubesat for efficient orbit transfer and atmospheric data relay.
2. Conceptual design and experimental demonstration of electro aerodynamic propulsion system.
3. Design and Fabrication of Reusable Launch Vehicle with VTOL Capability.
4. Design and Analysis of companion auxiliary rover for improved exploration coverage.
5. Vision based automation landing and docking procedure using a deployable micro drone for reusable launch vehicles.
6. CFD Analysis of Rocket Nozzle .

Project Presentation – Aeronautical

1. Design and Fabrication of Amphibious Drone for Surveillance.
2. Inspection and Damage Detection in Aircraft Wing.
3. Design and Analysis of Solar Powered UAV.
4. Design and Analysis of Bio Inspired Low.
5. Noise propeller for UAV and UAM.
6. Structural Analysis of Aircraft Material under Combined Combustion Chamber Loading.
7. Hydrogen Powered Aircraft.
8. Design of Composite Wing Spar and Finite Element Analysis.