



FLIGHT

MADRAS INSTITUTE OF TECHNOLOGY

ASSOCIATION OF AERONAUTICAL ENGINEERS

MARCH 1,2019

PAPER PRESENTATION TOPICS

AERODYNAMICS:

- Mission adaptive compliant wings
- Missiles and Launch Vehicles
- Industrial Aerodynamics

STRUCTURES:

- Zero fuel Aircraft
- Advanced materials prone to more efficiency
- Structural health monitoring systems

AVIONICS:

- Navigation Guidance systems
- Pavement of Artificial intelligence on avionics
- Unmanned Aerial Vehicles

PROPULSION:

- Advanced propulsive techniques
- Jet assisted take-off and landing
- Propulsion at its innovation

SPECIAL TOPICS:

- Militarization of space
- Space Communication
- How to clean space debris?
- Difficulties of Indian Manned space mission