



JEPPIAAR INSTITUTE OF TECHNOLOGY

(An Autonomous Institution)

Self-Belief | Self Discipline | Self Respect

Kunnam, Sunguvarchatram, Sriperumbudur-631604



DRONE CLUB

DEPARTMENT OF MECHANICAL ENGINEERING



DEPARTMENT VISION

To enhance advanced technical education in the field of Mechanical engineering with the view of transformation in societal and industrialized requirements offering a platform for excellence towards mankind.

DEPARTMENT MISSION

- ❖ To develop quality education with the global need.
- ❖ To provide state of art facilities to faculty members and students to apply their innovative thoughts towards communal development.
- ❖ To facilitate team work culture and promote student community to adapt industrial setup.
- ❖ To develop the research fervour among the students and encourage them to shape inventive ideas.
- ❖ To serve the global community by ethical values and core skills.

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OBJECTIVE OF THE CLUB

The club aims to technically strengthen the students by integrating their skills in the various fields of Engineering & technology, to cope up with the highly competitive environment. The activities of the club include:

- ❖ Develop, improve, and or explore transmission and substation maintenance and operations by developing or improving one or more areas of interest with an using Unmanned Aerial Vehicle (UAV) Drone.
- ❖ Investigate the use of UAVs (Drones) for Transmission Line Inspection & Maintenance.
- ❖ Improve repair times / eliminate the need for helicopter survey.
- ❖ Improve Power Outage restoration times, find broken components quickly with better success.

PREREQUISITE

A learner who wants to go ahead with this tutorial needs to have basic concepts on drone and its working principles with Applications in various fields.

STAFF COORDINATORS

1. Mr.M.Kubendiran, Assistant Professor, Department of Mechanical Engineering.



CLUB EVENTS

2023 – 2024

S.No	Date of The Event	Event Description	Number of Participants
1.	16.03.2024 to 17-03-2024	Value added Course "MVA001-Small Unmanned Aerial Vehicle (sUAV) - DRONE" 1. Mr.M.Kubendiran	60

GALLERY

