



## Wings of Innovation

**Date:** 01-03-2024- 02-03-2024

**Venue :** ACE Engineering College

The "Wings of Innovation" workshop on Drone Technology was conducted by ACE Engineering College on [01-03-2024 & 02-03-2024]. The event aimed to explore and educate participants on the advancements, applications, and future prospects of drone technology. The resource persons for the workshop were students from Kakatiya Institute of Technology and Science, namely Vishnu Vardhan and Rupesh Kumar.

The workshop commenced with an inaugural session, where the significance of drone technology in various fields such as agriculture, surveillance, and disaster management was highlighted. The event attracted a diverse audience, including students & faculty members. The workshop was structured into multiple sessions, including theoretical discussions, live demonstrations, and interactive hands-on activities. Participants had the opportunity to witness live drone flights, learn about the technicalities involved in their operation. The workshop successfully engaged the participants through Q&A sessions, panel discussions, and group activities. The interactive nature of the event facilitated a collaborative learning environment, allowing attendees to exchange ideas and experiences related to drone technology.

On the First day of workshop Mr. Rupesh Kumar Shared his knowledge on the major components of the drone namely the structure, batteries, flight controller, propellers, in the first half of the day and the second half was continued by Mr. Vishnu Vardhan on the Technical aspects and the science involved where he discussed about Aero Dynamics, Mass distribution, Signal Processing and the optimization of the drones based on the application.

**Event Photos:**

