



MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY, DELHI

Department of Mechanical and Automation Engineering

&

Department of Mechanical Engineering

Aerostars Sim-League: UAV Workshop and Simulation

The Sim League event, jointly organized by the Department of Mechanical Engineering and Mechanical & Automation Engineering in collaboration with Team Aerostar—an UAV Research and Development Society—took place on November 30, 2023. The one-day workshop centered on the Drone technology and flight simulation, attracting the participation of 27 students. A highlight of the event was a simulation drone competition, with prizes awarded to the winner, adding an element of competition and practical application to the learning experience.

Throughout the workshop, students were educated on the integral components of drones, spanning multirotor and fixed-wing types, including motors, propellers, GPS, flight controllers, ESC, PDB, and telemetry. The curriculum also delved into diverse applications of drones, ranging from surveillance to agriculture. Engaging discussions on the future of drones provided participants with a holistic perspective on the evolving landscape of unmanned aerial vehicles.

Event highlights

