

# Drone Club

14/09/2023-15/09/2023 “Two Day National level Technical Competition: FUSIONX-2k23” for all the B.Tech students.

A “Two Day National level Technical Competition: FUSIONX-2k23” was organized by the department of IoT in association with Drones club and AdyugaEdtech Solutions, Bengaluru in the premises of Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru. The IoT Hackathon fostered innovation through coding. Participants developed solutions that bridged the digital and physical worlds. The IoT Project Expo provided a glimpse into groundbreaking IoT projects with the potential to transform everyday life. Enthusiastic tech enthusiasts of various age groups showcased their visions of a connected world, inspiring attendees with their innovative projects.



No of students participated	Faculty Behind	Students behind	Category	Outcome
116	P. Rama Krishna	Md.AshwaqReheman,K. GethaPrasanna	Drone Club	design and develop the hardware essentials of drones and projects

15/12/2022-17/12/2022 Three Day Training Program on " Multirotor Drone Technology" for II and I-B.Tech

To understand Drone technology and categorize the types of drones. to familiarize with the fundamentals o hardware, electronic circuits, and frame assembly of multi-router drones .to acquaint with the concepts of sensors, flight controllers science, PID tuning, and programming modes .designing of drones, and implementing pre-flight Check-ups, demos, and practical flight with necessary precautions



No of students participated	Faculty Behind	Students behind	Category	Outcome
60	P Rama Krishna	Md.AshwaqReheman,K. GethaPrasanna	Drone Club	design drones and implement pre-flight check up, demo and practical flight with necessary precautions

23/09/2022-24/09/2022 “Two Day Workshop on Recent Trends and Applications in Drone Technology”for III B.Tech students.

The students were formed teams and the discrete components of the drone were given to them and component wise elaborative explanation of system with discussions on sensor technologies, future and desirable applications were undergone, and allowed all the participants to assemble the designed drones and test fly them. The participants showed great enthusiasm during the entire workshop and a lot of excitement during the drone test flying sessions. The feed-back from the participants afterwards was very positive on how surprisingly easy they thought the drones were designed to operate.



No of students participated	Faculty Behind	Students behind	Category	Outcome
185	P Rama Krishna	Md.AshwaqReheman,K. GethaPrasanna	Drone Club	the fundamental hardware, electronic circuits and frame assembly of drones.