



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC with 'A' Grade, ISO 9001:2015 Certified Institution

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

DEPARTMENT OF AEROSPACE ENGINEERING

Event No: 08

- Title:** Parameter Estimation of UAV Using Flight Test Methods
- No. of Participants:** 200 (All Aerospace Students and Faculty)
- Event Type:** Guest Lecture
- Name of Resource person & Details:** Dr. Subrahmanyam Saderla,
Post-Doctoral Fellow,
Dept. Of Aerospace & Software Engineering,
Gyeongsnag National University, Republic of Korea
- No. of Days Conducted and Dates:** one day – 9 Dec 2017
- Summary of the Event:** Unmanned aerial vehicle plays a curial role in the present day aviation sector. A detailed seminar has been presented on the working of UAVs and the components. Flight dynamics of UAV and their flying characteristics for various configuration are explained on the seminar. The aero elasticity of the UAV and their response on the real time flying were monitored and the results were presented. The UAV was designed and fabricated at IIT Kanpur for the CASE Study. The performance on the real time working were presented to the students and discussed.
- Outcome from the Event:** Student understands the concept of Unmanned aerial vehicles, its working principal, propulsive system and navigation system.
- Feedback taken from students:** HoD of the department has taken the oral feedback from participants. Participants responded positively about the event and eager to participate these type of events
- Action plan:** To fulfill the requirements of participants department looking for other resource persons on this concept.