



ACS COLLEGE OF ENGINEERING

Kambipura, Mysore Road, Bengaluru – 560074.

Department of Aerospace Engineering

Report for Design and Development of UAV's Seminar

Name of the Event	:	Seminar on “Design and Development of UAV's”
Resource Person	:	Mr. N. Balachandran (Rtd Scientist G, ADE)
Date & Time	:	22.11.2019 & 11.30 AM to 01.00 PM
Venue	:	Seminar Hall – 4, ACSCE.
No. of Participants	:	35 (ASE), III & V Semester Students + Two AS Staffs, 35 (AE), V & VII Semester Students + Two AE Staffs.

About the Visit

The Seminar titled “Design and Development of UAV's” was organized to enrich the knowledge of Aerospace and Aeronautical students to get exposure on design, development, integration and validation of UAV's for military and civil applications.

The program was started at 11.30 AM with the welcome speech by Dean COE and HOD/AS and followed by introduction of the resource person Mr. N. Balachandran (Rtd Scientist G, ADE) Mr. Dhanya Prakash Asso. Prof. AE. The resource person handled an interactive session about the design and developments of several UAV's like Lakshya, Sparrow, Nishant, Rustom I and Rustom H. The contents of this talk were related to UAV design, Payload capacity, Power plants, wing design and CFD simulations. The resource person shared the information about the importance of the following aspects.

UAV's developed by ADE
Aerodynamics Design
Technologies challenges in UAV design.
Control system
Softwares used for UAV's
Icing effects
Light weight structure.

In between interaction with students and questionnaire to test the ability of students and the resource person motivated the students to enrich their skills through different case studies as it's still beginning vast domain. The students were expressed that this program was highly useful to them to develop their career in aerospace field. Finally, the seminar was ended with vote of thanks by Mr. J. Siva Asst. Prof.



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Sample Photos of Design and Development of UAV's Seminar

