



# ACS COLLEGE OF ENGINEERING

Kambipura, Mysore Road, Bengaluru – 560074.

## Department of Aerospace Engineering



### Report for Basic Awareness Course on Aerospace

<b>Name of the Event</b>	:	Basic Awareness Course on Aerospace
<b>Resource Person</b>	:	<b>Dr. Badri Narayanan, from COE, VTU and GOK.</b>
<b>Date &amp; Time</b>	:	16.11.2018 & 9.30 AM to 3.50 PM
<b>Venue</b>	:	V <sup>th</sup> Floor Seminar Hall, ACSCE.
<b>No. of Participants</b>	:	30 (ASE), III Semester Students + Three AS Staffs.

### About the Programme

The Seminar titled “Basic Awareness Course on Aerospace” was organized to enrich the knowledge of Aerospace students to get exposure on design, development, integration and validation of various aircraft systems.

The program was started at 9.30 AM with the welcome speech by HOD/AS and followed by introduction of the resource person Dr. Badri Narayanan and Mr. Debais Acharya by Dr. S. Srinath, Asso. Prof. ASE. The resource person handled an interactive session about the fundamentals of Aerodynamics, Structures, Flight controls and Avionics systems. The contents of this talk were related to flight control systems, Flight Mechanics and 3D Experience. The resource person shared the information about the importance of the following aspects.

- Basic Aerodynamics
- Structures
- Aircraft Instruments.
- Control Systems
- Hydraulic Systems
- Pneumatic Systems
- Landing Gears
- Design and Modelling in 3D
- Software Knowledge Requirements for Aero Industries

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. Madhu Kiran Reddy Asst. Prof.



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## Sample Photos of AFTC Visit

