



DEPARTMENT OF AEROSPACE ENGINEERING

Report for “ One Week Student Development Program(SDP)”

Name of the Event	:	Student Development Program – Design with CATIA V5 -Day1
Resource Person	:	Mr.Sivaramraj, Assistant Professor, Jain University, Bangalore.
Date & Time	:	08.10.2025
Venue	:	IV Floor Seminar Hall.
No. of Participants	:	33 (33 IV Yr Aerospace) Students.

About the Seminar

The Department of Aerospace Engineering organized the student development program titled “Design with CATIA V5” to create awareness among the budding aviation graduates about the significance and role of “CATIA V5” in Aerospace Industries.

The program was started at 10.45 am with the welcome speech by Head of the Department Dr. C. Suresh and he also introduced the chief guest. The resource person handled a very interesting session on the role of CATIA V5 in Aerospace Industries. The resource person outlined the following points.

- ❖ Introduction to CATIA V5
- ❖ CATIA V5 Workbenches
- ❖ Design Methodology
- ❖ Environmental & Loading Effects
- ❖ Best Practices.
- ❖ Output and Integration

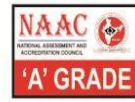
At the end of the session, students interacted with the resource person to clarify their doubts about the topic. Students expressed their gratitude that the program was highly informative and interesting. Finally, the seminar ended with a vote of thanks.



ACS College of Engineering

#207, Kambipura, Mysore Road, Bangalore – 560 074.

Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka



DEPARTMENT OF AEROSPACE ENGINEERING

Event Poster :

**ACS COLLEGE OF ENGINEERING**
Affiliated to VTU, Belagavi Approved by AICTE, New Delhi & GoK
No. 207 Kambipura, Mysore Road, Bangalore – 560 074



DEPARTMENT OF AEROSPACE ENGINEERING
IN ASSOCIATION WITH
S & I ENGINEERING SOLUTIONS

**ORGANIZING**

One-Week STUDENT DEVELOPMENT PROGRAM (SDP)
on
“Computer Aided Design and Simulation in Aerospace Engineering”

 **8th – 11th October 2025**
 **10:00 AM – 4:00 PM**
 **IV Floor Seminar Hall, ACSCE**

Program – Coordinator
Mr.M.Vijay – Asst. Professor, ASE
Mr.A.Mohana Pratheep, Asst. Professor, ASE

Dr. C. Suresh
HoD - ASE

Dr. S. Meenakshi Sundaram
Registrar - RRG

Dr.A.K.Mariappan
Rector, ACSCE

Dr. Anandthirtha B Gudi
Principal

 **99008545678 & 9900500028**

 **www.acsce.edu.in**

Gallery:





DEPARTMENT OF AEROSPACE ENGINEERING

Name of the Event : **Structural Analysis with ANSYS Workbench -Day2**

Resource Person : **Mr. Pratheepkumar,**
Mr.Dhanbal &
Mr.Praveenkumar,
S & I Engineering Solutions
Bangalore.

Date & Time : **09.10.2025**

Venue : IV Floor Seminar Hall.

No. of Participants : **33 (33 IV Yr Aerospace) Students.**

About the Seminar

The Department of Aerospace Engineering organized the student development program titled “Structural Analysis with ANSYS Workbench” to create awareness among the budding aviation graduates about the significance and role of “ANSYS Workbench” in Aerospace Industries.

The program was started at 10.45 am with the welcome speech by Head of the Department Dr. C. Suresh and he also introduced the chief guest. The resource person handled a very interesting session on the role of ANSYS Workbench in Aerospace Industries. The resource person outlined the following points.

- ❖ Introduction to ANSYS Workbench
- ❖ Workflow Overview
- ❖ Types of Analysis
- ❖ Meshing and Element Types
- ❖ Important Concepts.
- ❖ Integration with CAD and Other Modules

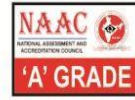
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DEPARTMENT OF AEROSPACE ENGINEERING

Structural Analysis with ANSYS Workbench -Day2

Gallery:





DEPARTMENT OF AEROSPACE ENGINEERING

Name of the Event	:	Computational Fluid Dynamics in ANSYS Fluent -Day3
Resource Person	:	Mr. Pratheepkumar, Mr.Dhanbal & Mr.Praveenkumar, S & I Engineering Solutions Bangalore.
Date & Time	:	10.10.2025
Venue	:	IV Floor Seminar Hall.
No. of Participants	:	33 (33 IV Yr Aerospace) Students.

About the Seminar

The Department of Aerospace Engineering organized the student development program titled “CFD in ANSYS Fluent” to create awareness among the budding aviation graduates about the significance and role of “CFD in ANSYS Fluent” in Aerospace Industries.

The program was started at 10.45 am with the welcome speech by Head of the Department Dr. C. Suresh and he also introduced the chief guest. The resource person handled a very interesting session on the role of CFD in ANSYS Fluent in Aerospace Industries. The resource person outlined the following points.

- ❖ Introduction to CFD
- ❖ ANSYS Fluent Overview
- ❖ CFD Simulation Workflow in ANSYS Fluent
- ❖ Meshing and Element Types
- ❖ Turbulence Modeling
- ❖ Boundary Layer Concept

At the end of the session, students interacted with the resource person to clarify their doubts about the topic. Students expressed their gratitude that the program was highly informative and interesting. Finally, the seminar ended with a vote of thanks.



DEPARTMENT OF AEROSPACE ENGINEERING

Computational Fluid Dynamics in ANSYS Fluent -Day3

Gallery:





DEPARTMENT OF AEROSPACE ENGINEERING

Name of the Event	:	Hi FUN, Para View, Validation and Report Writing -Day4
Resource Person	:	Mr. Pratheepkumar, Mr.Dhanbal & Mr.Praveenkumar, S & I Engineering Solutions Bangalore.
Date & Time	:	11.10.2025
Venue	:	IV Floor Seminar Hall.
No. of Participants	:	33 (33 IV Yr Aerospace) Students.

About the Seminar

The Department of Aerospace Engineering organized the student development program titled “HI FUN, Para View, Validation and Report Writing” to create awareness among the budding aviation graduates about the significance and role of “HI FUN, Para View, Validation and Report Writing” in Aerospace Industries.

The program was started at 10.45 am with the welcome speech by Head of the Department Dr. C. Suresh and he also introduced the chief guest. The resource person handled a very interesting session on the role of HI FUN, Para View, Validation and Report Writing in Aerospace Industries. The resource person outlined the following points.

- ❖ Introduction to Hi FUN, Para View, Validation and Report Writing
- ❖ Hi FUN workflow
- ❖ Para view
- ❖ Validation of CFD Results
- ❖ Report Writing in CFD / ANSYS Fluent

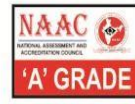
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Hi FUN, Para view, Validation and Report writing -Day4

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DEPARTMENT OF AEROSPACE ENGINEERING

ATTENDANCE SHEET

Year/Sem: IV/VII

Academic Year: 2025-2026

SL. NO	USN	STUDENT NAME
1	1AH19AS037	SINDHU V S
2	1AH22AS001	AKSHATHA P S
3	1AH22AS002	ANJAN KUMAR N
4	1AH22AS003	ANKITA
5	1AH22AS004	BANGERA ANANYA RAJA
6	1AH22AS005	BHAVANA
7	1AH22AS006	CHARVI R A
8	1AH22AS007	CHIRAG K A
9	1AH22AS008	JNANESH P
10	1AH22AS009	KIRTI BASAVRAJ IRGAR
11	1AH22AS010	LAVANI CHOUDHARI
12	1AH22AS011	LIKITHA H R
13	1AH22AS012	LIKITHA S
14	1AH22AS014	MANOJ KUMAR G S
15	1AH22AS015	MOHD AMEEN
16	1AH22AS016	POORNIMA A
17	1AH22AS017	PRAGYA S
18	1AH22AS018	PRERANA D S
19	1AH22AS019	RAGHURAMA SHARMA G V
20	1AH22AS020	RATNAKAR SHRIVASTAVA
21	1AH22AS021	ROHAN S R
22	1AH22AS022	SIDHARTH ARYA P
23	1AH22AS023	SPOORTHY V
24	1AH22AS024	TANZIYA KOUSER
25	1AH22AS025	TEJASHWINI L E
26	1AH22AS026	THEJASHWINI H
27	1AH22AS027	UDAY K N
28	1AH22AS028	VARSHINI S
29	1AH23AS400	CHANDU N
30	1AH23AS401	DARSHAN H
31	1AH23AS402	PRAVEEN KUMAR K M
32	1AH23AS403	RAKESH V A
33	1AH23AS404	SUHAS S K

Event Coordinator

HoD

Anand B Gudi

PRINCIPAL

ACS COLLEGE OF ENGINEERING
Kambipura, Mysore Road, Kengeri Post
Bangalore-560074