



DEPARTMENT OF AERONAUTICAL ENGINEERING

Event Report (AY2024-2025)

Name of the Event	: Seminar on Computational Fluid Dynamics-A design tool for Aerospace vehicle
Date & Time	: 22/08/2024 from 10.30 am to 12.30pm
Place	: AE Seminar Hall
Resource Person	: Dr.Krishnamurthy, Group Director-Design DRDL, Hyderabad
No of Student Participants	: 90
Event Coordinators	: Dr.Theerthamalai, Professor, AE

About the Event:

The Department of Aeronautical Engineering organized an insightful seminar titled "Computational Fluid Dynamics-A design tool for aerospace vehicle" on 22nd August 2024. The seminar took place in the AE Seminar Hall and witnessed active participation from 90 students and faculty across various semesters. The event commenced with a welcome address by Dr.Theerthamalai, Professor & Dean-AE, who highlighted the importance of the session. The session was delivered by the esteemed Dr. Krishnamurthy, Group Director – Design at DRDL, Hyderabad. The seminar focused on the critical role of Computational Fluid Dynamics (CFD) in the design and development of aerospace vehicles. Dr. Krishnamurthy provided an in-depth overview of CFD principles, simulation techniques, and their real-time application in analyzing aerodynamic performance, optimizing vehicle design, and reducing development costs.

Through his extensive experience at DRDL, Dr. Krishnamurthy illustrated several case studies involving missile and aircraft design, demonstrating how CFD helps in solving complex fluid flow problems without the need for expensive physical prototypes. He also

Campus

207, Kambipura, Mysore Road, Bengaluru - 560 074
Ph: 080 - 2974 8222, 2974 8333 Fax: 080 - 2974 9988
E-mail: info@acsce.edu.in, principal@acsce.edu.in

introduced students to current research trends, software tools, and the integration of CFD with other design and testing methodologies. The seminar witnessed enthusiastic participation from students, who found the content highly relevant to their curriculum and future career aspirations. A lively Q&A session followed the talk, where students engaged actively with the speaker, gaining clarity on technical concepts and career opportunities in the field of CFD. The session concluded with a vote of thanks and a memento presented to Dr. Krishnamurthy in appreciation of his valuable insights. The event was a great success and added significant value to the academic enrichment of the students.

Event Pictures:



Campus

207, Kambipura, Mysore Road, Bengaluru - 560 074

Ph: 080 - 2974 8222, 2974 8333 Fax: 080 - 2974 9988

E-mail: info@acsce.edu.in, principal@acsce.edu.in



ACS College of Engineering

(Approved by AICTE, New Delhi, Govt. of Karnataka & Affiliated to Visvesvaraya Technological University, Belgaum)

Sponsored by : **MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST**



Event Coordinator

Dr.P.Theerthamalai & Dr A. K. Sarkar

Head of the Department
Aeronautical Engineering
ACS College of Engineering
Mysore Road, Kambipura
Bengaluru-560074

HOD

Dr.G.Ramanan

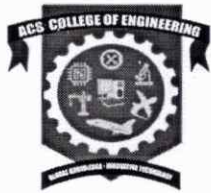
Campus

207, Kambipura, Mysore Road, Bengaluru - 560 074

Ph: 080 - 2974 8222, 2974 8333 Fax: 080 - 2974 9988

E-mail: info@acsce.edu.in, principal@acsce.edu.in

www.acsce.edu.in



ACS College of Engineering

(Approved by AICTE, New Delhi, Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi)

#207, Kambipura, Mysore Road, Bengaluru - 560074

DEPARTMENT OF AERONAUTICAL ENGINEERING



EVENT FEED BACK FORM

TECHNICAL TALK ON "Computational Fluid Dynamics: A design tool for aerospace vehicles"

SPEAKER : Dr.R.Krishnamurthy

DATE: 22/08/2024

Please indicate the extent which you agree with the following statements:

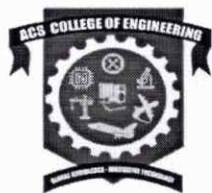
Questionare	Very Good (5)	Good (4)	Satisfactory (3)	Unsatisfactory (2)	Poor (1)
Was the technical talk/seminar/workshop interesting?	✓				
Was it helpful for improving your technical knowledge?		✓			
Was the topic relevant to your subject area?	✓				
Was the presenter able to reach you?		✓			
What concept did you grasp from this event?	Tools Basics				
Comments	Very Good event				

Campus

207, Kambipura, Mysore Road, Bengaluru - 560 074

Ph: 080 - 2974 8222, 2974 8333 Fax: 080 - 2974 9988

E-mail: info@acsce.edu.in, principal@acsce.edu.in



ACS College of Engineering

(Approved by AICTE, New Delhi, Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi)

#207, Kambipura, Mysore Road, Bengaluru - 560074

DEPARTMENT OF AERONAUTICAL ENGINEERING



EVENT FEED BACK FORM

TECHNICAL TALK ON "Computational Fluid Dynamics: A design tool for aerospace vehicles"

SPEAKER : Dr.R.Krishnamurthy

DATE: 22/08/2024

Please indicate the extent which you agree with the following statements:

Questionare	Very Good (5)	Good (4)	Satisfactory (3)	Unsatisfactory (2)	Poor (1)
Was the technical talk/seminar/workshop interesting?	✓				
Was it helpful for improving your technical knowledge?	✓				
Was the topic relevant to your subject area?	✓				
Was the presenter able to reach you?		✓			
What concept did you grasp from this event?	CFD Modules & Applications				
Comments	Very Good session.				

Campus

207, Kambipura, Mysore Road, Bengaluru - 560 074

Ph: 080 - 2974 8222, 2974 8333 Fax: 080 - 2974 9988

E-mail: info@acsce.edu.in, principal@acsce.edu.in



ACS College of Engineering

(Approved by AICTE, New Delhi, Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi)

#207, Kambipura, Mysore Road, Bengaluru - 560074

DEPARTMENT OF AERONAUTICAL ENGINEERING



EVENT FEED BACK FORM

TECHNICAL TALK ON "Computational Fluid Dynamics: A design tool for aerospace vehicles"

SPEAKER : Dr.R.Krishnamurthy

DATE: 22/08/2024

Please indicate the extent which you agree with the following statements:

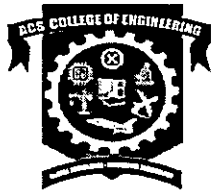
Questionare	Very Good (5)	Good (4)	Satisfactory (3)	Unsatisfactory (2)	Poor (1)
Was the technical talk/seminar/workshop interesting?	✓				
Was it helpful for improving your technical knowledge?	✓				
Was the topic relevant to your subject area?	✓				
Was the presenter able to reach you?	✓				
What concept did you grasp from this event?	We mainly grasp the concept of Computational Fluid Dynamics				
Comments	No				

Campus

#207, Kambipura, Mysore Road, Bengaluru - 560 074

Ph: 080 - 2974 8222-2974 8333 Fax: 080 - 2974 9988

E-mail: info@acsce.edu.in, principal@acsce.edu.in



ACS College of Engineering

(Approved by AICTE, New Delhi, Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi)

#207, Kambipura, Mysore Road, Bengaluru - 560074

DEPARTMENT OF AERONAUTICAL ENGINEERING



EVENT FEED BACK FORM

TECHNICAL TALK ON "Computational Fluid Dynamics: A design tool for aerospace vehicles"

SPEAKER : Dr.R.Krishnamurthy

DATE: 22/08/2024

Please indicate the extent which you agree with the following statements:

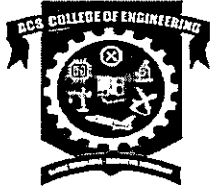
Questionare	Very Good (5)	Good (4)	Satisfactory (3)	Unsatisfactory (2)	Poor (1)
Was the technical talk/seminar/workshop interesting?		✓			
Was it helpful for improving your technical knowledge?	✓				
Was the topic relevant to your subject area?		✓			
Was the presenter able to reach you?	✓				
What concept did you grasp from this event?	We mainly grasp the concept of Computational Fluid Dynamics design				
Comments	Very useful & good				

Campus

207, Kambipura, Mysore Road, Bengaluru - 560 074

Ph: 080 - 2974 8222, 2974 8333 Fax: 080 - 2974 9988

E-mail: info@acsce.edu.in, principal@acsce.edu.in



ACS College of Engineering

(Approved by AICTE, New Delhi, Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi)

#207, Kambipura, Mysore Road, Bengaluru - 560074

DEPARTMENT OF AERONAUTICAL ENGINEERING



EVENT FEED BACK FORM

TECHNICAL TALK ON "Computational Fluid Dynamics: A design tool for aerospace vehicles"

SPEAKER : Dr.R.Krishnamurthy

DATE: 22/08/2024

Please indicate the extent which you agree with the following statements:

Questionare	Very Good (5)	Good (4)	Satisfactory (3)	Unsatisfactory (2)	Poor (1)
Was the technical talk/seminar/workshop interesting?	✓				
Was it helpful for improving your technical knowledge?		✓			
Was the topic relevant to your subject area?		✓			
Was the presenter able to reach you?		✓			
What concept did you grasp from this event?	we mainly grasp the concept of computational Fluid Dynamics design				
Comments	The seminar was very usefully & good				

Campus

207, Kambipura, Mysore Road, Bengaluru - 560 074

Ph: 080 - 2974 8222, 2974 8333 Fax: 080 - 2974 9988

E-mail: info@acsce.edu.in, principal@acsce.edu.in

14
15

16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100

101

102



ACS COLLEGE OF ENGINEERING
DEPARTMENT OF AERONAUTICAL ENGINEERING
Attendance sheet

Event Topic:		Computational Fluid Dynamics: A design tool for aerospace vehicles-Dr.R.kaishramurthy.	
Sem: V		Session: 01	Date: 22/08/2024
Sl.no.	USN	Student name	Sign
1	1AH18AE021	KAVYA SHREE T A	Kavya
2	1AH22AE002	ADARSH C	Adarsh
3	1AH22AE003	ANKUSH KULKARNI	Ankush
4	1AH22AE004	ASHOKKUMAR	Ashok
5	1AH22AE005	ASHWINI Y PATEL	Ashwin
6	1AH22AE006	BABITHA S	Babitha
7	1AH22AE007	BILVASHREE D	Bilva
8	1AH22AE008	BRAHMENDRA E	Brahma
9	1AH22AE009	CHANDANA M	Chandana
10	1AH22AE010	CHETAN R	Chetan
11	1AH22AE011	DARSHAN	Darshan
12	1AH22AE012	DEEPIKA C	Deepika
13	1AH22AE014	G RISHI KUMAR	G Rishi
14	1AH22AE015	HABEEBULLA S	Habeebulla
15	1AH22AE016	KARENA RONAK BABUBHAI	Karena
16	1AH22AE017	KRISHNA MOHAN RATHOD	Krishna
17	1AH22AE018	KRUTHIKA M	Kruthika
18	1AH22AE019	LAKSHITHA B	Lakshitha
19	1AH22AE020	LAVANYA N	Lavanya
20	1AH22AE021	MALLIKARJUNA	Mallika
21	1AH22AE022	MOUNESH	Mounesh
22	1AH22AE023	N SHEETAL	Sheetal
23	1AH22AE024	NARAYANA GOWDA S	Narayana
24	1AH22AE025	NAVYA SHREE K	Navya
25	1AH22AE026	NESARA S SHETTY	Nesara
26	1AH22AE028	PRIYANAKA P G	Priyanka
27	1AH22AE029	PUNITH KUMAR V M	Punith
28	1AH22AE030	RANJAN C	Ranjan
29	1AH22AE031	RASHMI H M	Rashmi
30	1AH22AE032	RISHIKESH S	Rishikesh
31	1AH22AE033	RITESH R AMIN	Ritesh
32	1AH22AE034	S KUSHAL GOWDA	Kushal
33	1AH22AE035	SAGAR M	Sagar
34	1AH22AE036	SANJANA M	Sanjana
35	1AH22AE037	SANJANA R CHOUHAN	Sanjana
36	1AH22AE038	SANTOSHI	Santoshi
37	1AH22AE039	SHAHID AHMED Z	Shahid
38	1AH22AE040	SUMANTH N S	Sumanth
39	1AH22AE041	SUPREETH BASAPPA SONNAD	Supreeth
40	1AH22AE042	VARSHA BASAVARAJ	Varsha
41	1AH22AE043	YASHASWINI B	Yashaswini
42	1AH23AE400	ALEN A K	Alen
43	1AH23AE402	SHARMILA	Sharmila



ACS COLLEGE OF ENGINEERING
DEPARTMENT OF AERONAUTICAL ENGINEERING
Attendance sheet

Event Topic: Computational Fluid Dynamics: A design tool for aerospace vehicles - Dr. R. Krishnamurthy

Sem: III Session: 01 Date: 22/08/2024

Sl.no.	USN	Student name	Sign
1	1AH22AE001	ABHISHEK	A
2	1AH23AE001	AASIM ULLAH KHAN	Aasim
3	1AH23AE002	AJIN ASLAM QURESHI	Ajin
4	1AH23AE003	AMBIKA	Ambika
5	1AH23AE004	ANABIYA IRHAZ	Anabiya
6	1AH23AE006	ASHISH M	Ashish
7	1AH23AE007	ASHWINI GUDADHE	Ashwini
8	1AH23AE008	ASIYA MANSOOR DAU	Asiya
9	1AH23AE009	CHANDAN B L	Chandan B.L.
10	1AH23AE010	CHANDANA B	Chandana
11	1AH23AE011	CHANDANA S	Chandana
12	1AH23AE012	DEVIKA R	Devika
13	1AH23AE013	G POOJA VARSHA	G.Pooja Varsha
14	1AH23AE015	GIRISH B	Girish B
15	1AH23AE017	GURUPRASAD M	Guru Prasad M
16	1AH23AE018	HARSHITHA H S	Harshitha
17	1AH23AE019	HARSHITHA P M	Harshitha P.M
18	1AH23AE021	JESHWAN A M	Jeshwan
19	1AH23AE022	KARISHMA S	Karishma S
20	1AH23AE023	KAVYA V K	Kavya
21	1AH23AE024	KRISH DEV	Krish Dev
22	1AH23AE025	KUSHAL H	Kushal
23	1AH23AE026	LEKHANA R	Lekhana
24	1AH23AE027	LIKHITH N R	Likhith
25	1AH23AE028	MADHUSHREE B	Madhushree
26	1AH23AE029	MITHUN K S	Mithun K.S
27	1AH23AE030	MITHUN R	Mithun
28	1AH23AE031	MOHAMMED ZEESHAN	Mohammed Zeeshan
29	1AH23AE032	NAMRATHA S	Namratha S
30	1AH23AE033	NAVEEN E	Naveen
31	1AH23AE034	NEHA N	Neha N
32	1AH23AE035	PAVITHRA D	Pavithra
33	1AH23AE036	PRATHAM KUMAR R	Pratham
34	1AH23AE037	PRIYA SUBHASH MARATHE	Priya
35	1AH23AE038	PUNITKUMAR GIRISH KALLIHAL	Punitkumar
36	1AH23AE039	R SAMUEL DAVID	R Samuel David
37	1AH23AE040	R V DINESH KUMAR	R.V. Dinesh Kumar
38	1AH23AE041	RAJESHWARI R	Rajeshwari
39	1AH23AE042	SAHANA MS	Sahana
40	1AH23AE043	SAYEED RAHMAN N	Sayed Rahman
41	1AH23AE044	SHIV SHANKAR DESAI	Shiv Shankar
42	1AH23AE045	SHIVACHARAN HOLLA N	Shivacharan
43	1AH23AE046	SHRUTI	Shruti
44	1AH23AE047	SNEHASHREE K	Sneha
45	1AH23AE049	SUSHMA B	Sushma B
46	1AH23AE050	SYED ABDULLA JAWADH	Syed Abdullah
47	1AH23AE051	SYED RIYAN	Syed Riyan
48	1AH23AE053	TEJAS REDDY R	Tejas Reddy
49	1AH23AE054	UDAY SHANKAR	Uday Shankar
50	1AH23AE055	USHA SINGH A	Usha Singh
51	1AH23AE056	V SAAI SUDHAN	V.Saai Sudhan
52	1AH23AE057	VAMSHI KRISHNA K A	Vamshi Krishna
53	1AH23AE058	VANISHREE P	Vanishree P
54	1AH23AE059	VIGHNESH SATYAVAN SAWANT	Vighnesh
55	1AH24AE400	VEDANTH KUMAR N	Vedanth