

VINAYAKA MISSION'S RESEARCH FOUNDATION
(Deemed to be University)
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING

CIRCULAR

Ref No: 2024-2025/Odd/Mech/WS 05

Date: 03.09.2024

The Department of Mechanical Engineering is organising a Workshop on Computational Fluid Dynamics for Real-World Applications on 05.09.2024 & 06.09.2024. All the students are requested to participate and register for the Workshop. The invitation is herewith attached.


HOD

Circulated to:	1. All the faculty members 2. All the students
Copy to	1. Principal Office 2. Department Notice Board



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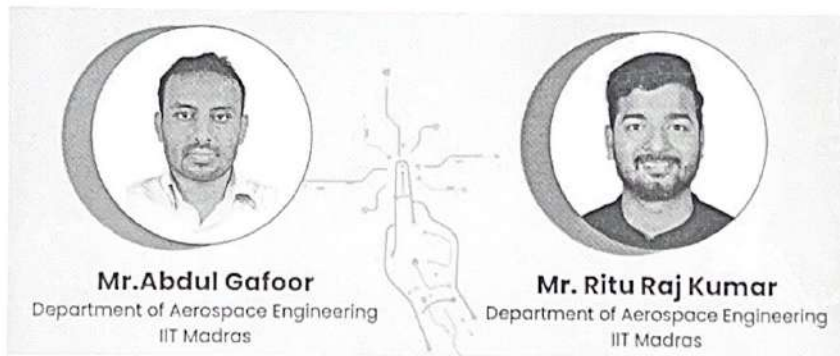
**DEPARTMENT OF MECHANICAL ENGINEERING
AMEA**

Cordially invites you all for

**Two Day Workshop on Computational Fluid Dynamics for Real-World
Applications**

**DATE 05.09.2024 & 06.09.2024
TIME 10.40 AM – 3.30 PM**

Resource Person




Welcome Address

Dr. M. Prabhakar/ HOD MECH, AVIT


Coordinator

**Dr S. Prakash, Associate Professor / MECH/AVIT
Mr. P. Kumaran Asst Prof Gr II / MECH/AVIT**

Poster






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AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



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Cordially invites you all for the workshop on
**Computational Fluid Dynamics
for Real World Applications**


Resource Persons




Mr. Abdul Gafoor
Department of Aerospace Engineering
IIT Madras

Mr. Ritu Raj Kumar
Department of Aerospace Engineering
IIT Madras

 05.09.2024 & 06.09.2024  10.00 AM - 3.30 PM  CAD/CAM Lab



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(A)
Accredited at A
Grade by UAC

Organized by
Department of Mechanical Engineering in association with AMEA



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DEPARTMENT OF MECHANICAL ENGINEERING

AMEA

TWO DAY WORKSHOP ON COMPUTATIONAL FLUID DYNAMICS FOR REAL-WORLD APPLICATIONS

PROGRAMME AGENDA

DATE 05.09.2024 & 06.09.2024

TIME 10.40 AM – 3.30 PM

Date/Time	Description	Presented by
05.09.2024/ 10.40 A.M.	Start of the session by Moderator	Mr. M. DHANUSH Third Year Mechanical Engineering Department of Mechanical Engineering, AVIT
05.09.2024/ 10.45 A.M.	Welcome Address	Dr. M. PRABHAHAR PROFESSOR / HOD Department of Mechanical Engineering, AVIT
05.09.2024/ 10.50 A.M.	Introduction of Guest	Dr. S. PRAKASH ASSOCIATE PROFESSOR Department of Mechanical Engineering, AVIT
05.09.2024/ 11.00 A.M.	Computational Fluid Dynamics (Theory & Practical)	Mr. Abdul Gafoor CP & Mr. Ritu Raj Kumar Department of Aerospace Engineering IIT Madras
06.09.2024/ 03.25 PM.	Vote of Thanks	Dr. S. PRAKASH ASSOCIATE PROFESSOR Department of Mechanical Engineering, AVIT

AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING

Ref: 24-25/Odd /Mech/WS 05

Date: 09.09.2024

From

Dr. S. Prakash
Associate Professor
Mechanical Engineering
Aarupadai Veedu Institute of Technology
Paiyanoor-603 104

To

The Principal,
Aarupadai Veedu Institute of Technology
Paiyanoor-603 104

Respected Sir,

Sub: Submission of Mechanical Engineering Department Event-Report- Reg.

The Department of Mechanical Engineering has organized a Workshop on Computational Fluid Dynamics for Real-World Applications on 05.09.2024 & 06.09.2024. The report of the programme is herewith attached for your kind perusal.

Thanking you,

With regards,



Event Coordinator



HOD



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DEPARTMENT OF MECHANICAL ENGINEERING

in association with AMEA

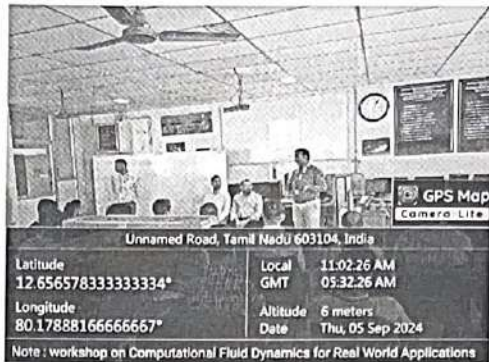
Organized a “Two-Day Workshop on Computational Fluid Dynamics for Real-World Applications”


A workshop on Computational Fluid Dynamics (CFD) for Real-World Applications was organized by Department of Mechanical Engineering for III- and IV-year UG students on 5th & 6th September 2024. Dr. M. Prabhahar, the Head of the Department, delivered the welcome address and expressed his word of gratitude to the guests and the gathering, highlighting the workshop of critical role CFD plays in solving complex fluid flow problems and enhancing engineering designs. The introduction of the event and the esteemed gathering was handled by Dr. S. Prakash, who provided a brief overview of the workshop's objectives. The Chief Guest and resource persons for the workshop were Mr. Abdul Gafoor and Mr. Ritu Raj Kumar from the Department of Aerospace Engineering, IIT Madras. Their expertise in the field of CFD brought valuable insights into its applications, particularly in aerospace engineering, automotive design, and other real-world scenarios.


Outcome:

Throughout the workshop, the participants were introduced to advanced CFD techniques, software tools, and case studies that demonstrated the power of simulations in understanding and optimizing fluid dynamics in various engineering systems. The interactive sessions provided hands-on experience with CFD tools, ensuring that attendees gained practical knowledge that could be applied to their respective fields.

The workshop concluded with an engaging questionnaire session, where participants had the opportunity to clarify their doubts and discuss further possibilities with the resource persons. The event ended on a high note with a vote of thanks delivered by Dr. S. Prakash, who expressed gratitude to the guests, participants, and organizers for making the workshop a success. The event was a valuable learning experience for all, fostering knowledge sharing and collaboration in the field of computational fluid dynamics.




Event Co-ordinator.


H.O.D



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Department of Mechanical Engineering in association with AMEA

Workshop on

**Computational Fluid Dynamics
for Real World Applications**

Attendance Sheet – Day 1 (05.09.2024) & Day 2 (06.09.2024)

Sl.No	Reg No	Name	Year	Signature	
				05.09.2024	06.09.2024
1	3442320504	J. Noween arand	II year	J. Noween	J. Noween
2	3442320502	S. DIVYAPPAI	"	S. Divyap	S. Divyap
3	3442320501	GONDATI CHARAN	III Year	G. Gharan	G. Gharan
4	AVIT-24-25-5987	DEVAK RAT . K	III year	Devak	Devak
5	3442210501	Ankit kumar	III year	Ankit	Ankit
6	3442210509	PRABHAT KUMAR	III year	P. Pr	P. Pr
7	3442210507	NILEPH KUMAR	III year	N. Nileph	N. Nileph
8	3442210505	P. JAMES ANDREW	IV year	P. James	P. James
9	3442210511	R. SURYA	III Year	R. Surya	R. Surya
10	3442210502	DHANUSH . M	III year	D. Dh	D. Dh
11	3442222511	RANJITH .Kumar	III year	R. Ran	R. Ran
12	3442320503	MUKILAN .G	III year	M. Muk	M. Muk
13	3442210508	Nithin kumar	III year	N. Nithin	N. Nithin
14	5976	Rohith . S	III year	R. Rohith	R. Rohith
15	3442210510	Sukumar Rao	II	S. Suk	S. Suk
16	506	Kristina Kumara	"	K. Kristina	K. Kristina
17	509	Ejaz Ahmed	"	E. Ejaz	E. Ejaz
18	3442110507	T. Lakshminathan	IV th year	T. Laksh	T. Laksh
19	3442110513	Sanjeev kumar	IV th year	S. Sanjeev	S. Sanjeev
20	3442110501	Anand kumar Ran	IV th year	A. Anand	A. Anand
21	3442355501	Basil Bemy	IV th year	B. Basil	B. Basil
22	3442254501	Muhammed Aman	IV th year	M. Muhammed	M. Muhammed
23	3442355506	Vishnujith k. V	IV th year	V. Vishnujith	V. Vishnujith
24	3442355504	Mishun Thomas	IV th year	M. Mishun	M. Mishun
25	3442355502	Jithin Joseph	IV th year	J. Jithin	J. Jithin
26	3442355508	YADUNAS	IV th year	Y. Yadun	Y. Yadun
27	3442110515	Sujeet Kumar	IV th year	S. Sujeet	S. Sujeet
28	AVIT-24-25-6121	Abhishik	III rd year	A. Abhishik	A. Abhishik



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DEPARTMENT OF MECHANICAL ENGINEERING

Workshop on Computational Fluid Dynamics for Real-World Applications

Sl. No	Register No	Name of the student	Year
1.	3442113510	PRAVEEN V	III
2.	3442113512	RANJITH KUMAR V	III
3.	3442210501	ANKIT KUMAR	III
4.	3442210502	DHANUSH M	III
5.	3442210503	EJAZ AHAMAD	III
6.	3442210505	JAMES ANDREW P	III
7.	3442210506	KRISHNA KUMAR	III
8.	3442210507	NILESH KUMAR MAURAYA	III
9.	3442210508	NITHISH KUMAR S	III
10.	3442210509	PRABHAT KUMAR RAM	III
11.	3442210510	SUKUMAR RAY	III
12.	3442210511	SURYA R	III
13.	3442223501	SUGUMARAN G	III
14.	3442320501	GUNDATI CHARAN	III
15.	3442320502	IYYAPPAN S	III
16.	3442320503	MUKILAN G	III
17.	3442320504	NAVEEN ANAND J	III
18.	AVIT-24-25-5976	ROHITH S	III
19.	AVIT-24-25-5987	DEVAK RAJ K	III
20.	Avit-24-25-6128	ABHISHEK	III
21.	3442110501	ANAND KUMAR RAM	IV
22.	3442110509	LOHIDHARSHAN T	IV
23.	3442110513	SANJEEV KUMAR	IV
24.	3442110515	SUJEET KUMAR	IV
25.	3442253503	RIJAS NAINAN D	IV
26.	3442254501	MUHAMMED AMAN	IV
27.	3442355501	BASIL BENNY	IV
28.	3442355502	JITHIN JOSEPH	IV
29.	3442355504	MIDHUN THOMAS	IV
30.	3442355506	VISHNU JITH K V	IV
31.	3442355508	YADULDAS KARATHADY	IV


GUEST LECTURE / SEMINAR FEEDBACK FROM SPEAKER

SEMESTER: EVEN

ACADEMIC YEAR: 2024-2025

DEPT : Mechanical Engineering

DATE: 06.09.2024

Name of the Speaker	Mr. Ritu Raj Kumar
Designation & Organisation	Department of Aerospace Engineering, IIT Madras
Title of the Lecture / Seminar	Two-Day Workshop on Computational Fluid Dynamics for Real-World Applications
Date & Time	05.09.2024 & 06.09.2024, TIME 10.40 AM – 3.30 PM
Venue	CAD/CAM LAB
Beneficiary	III- & IV-Year Students
Duration of the Lecture	14 Hours
Suggestions of Speaker	<i>Students are very interactive about the class. Especially Hands on training session.</i>
Signature	



Reviewed by Faculty In charge



HOD


GUEST LECTURE / SEMINAR FEEDBACK FROM SPEAKER

SEMESTER: EVEN

ACADEMIC YEAR: 2024-2025

DEPT : Mechanical Engineering

DATE: 06.09.2024

Name of the Speaker	Mr. Abdul Gafoor
Designation & Organisation	Department of Aerospace Engineering, IIT Madras
Title of the Lecture / Seminar	Two-Day Workshop on Computational Fluid Dynamics for Real-World Applications
Date & Time	05.09.2024 & 06.09.2024, TIME 10.40 AM – 3.30 PM
Venue	CAD/CAM LAB
Beneficiary	III- & IV-Year Students
Duration of the Lecture	14 Hours
Suggestions of Speaker	Students are interested in hands on session. * student are interested for online classes
Signature	



Reviewed by Faculty In charge



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GUEST LECTURE / SEMINAR FEEDBACK FROM PARTICIPANTS

SEMESTER: EVEN

ACADEMIC YEAR :2024-2025

DEPT : MECHANICAL ENGINEERING

DATE: 06.09.2024

Name of the Participant	KRISHNA KUMAR
Prog., Branch, Sem & Sec (If Applicable)	B.E. mechanical, 7 semester
Designation & Organisation (If Applicable)	
Title of the Lecture / Seminar	Two-Day Workshop on Computational Fluid Dynamics for Real-World Applications
Name of the Speaker(s)	Mr. Abdul Gafoor & Mr. Ritu Raj Kumar Department of Aerospace Engineering, IIT Madras
Date & Time	05.09.2024 & 06.09.2024, TIME 10.40 AM – 3.30 PM
Venue & Duration of Lecture	CAD/CAM LAB – 14 Hours
Feedback from Participant (Maximum Marks 5)	
1. Communication	5
2. Interaction	5
3. Presentation	5
4. Content	5
5. Learning Value	5
Total	25
Any other Suggestions	" "
Signature of the Participant	Krishna Kumar



Reviewed by Faculty In charge



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GUEST LECTURE / SEMINAR FEEDBACK FROM PARTICIPANTS

SEMESTER: EVEN

ACADEMIC YEAR :2024-2025


DEPT : MECHANICAL ENGINEERING

DATE: 06.09.2024

Name of the Participant	Sukumar Ray.
Prog., Branch, Sem & Sec (If Applicable)	B.E. Mech. Eng. III Year / V Sem.
Designation & Organisation (If Applicable)	
Title of the Lecture / Seminar	Two-Day Workshop on Computational Fluid Dynamics for Real-World Applications
Name of the Speaker(s)	Mr. Abdul Gafoor & Mr. Ritu Raj Kumar Department of Aerospace Engineering, IIT Madras
Date & Time	05.09.2024 & 06.09.2024, TIME 10.40 AM – 3.30 PM
Venue & Duration of Lecture	CAD/CAM LAB – 14 Hours
Feedback from Participant (Maximum Marks 5)	
1. Communication	5
2. Interaction	5
3. Presentation	5
4. Content	5
5. Learning Value	5
Total	25
Any other Suggestions	Such a wonderful learning session This clear all doubt what i had.
Signature of the Participant	S Ray.



Reviewed by Faculty In charge



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GUEST LECTURE / SEMINAR FEEDBACK FROM PARTICIPANTS

SEMESTER: EVEN

ACADEMIC YEAR :2024-2025

DEPT : MECHANICAL ENGINEERING

DATE: 06.09.2024

Name of the Participant	DHANUSH.M
Prog., Branch, Sem & Sec (If Applicable)	BE(MECH)
Designation & Organisation (If Applicable)	
Title of the Lecture / Seminar	Two-Day Workshop on Computational Fluid Dynamics for Real-World Applications
Name of the Speaker(s)	Mr. Abdul Gafoor & Mr. Ritu Raj Kumar Department of Aerospace Engineering, IIT Madras
Date & Time	05.09.2024 & 06.09.2024, TIME 10.40 AM – 3.30 PM
Venue & Duration of Lecture	CAD/CAM LAB – 14 Hours
Feedback from Participant (Maximum Marks 5)	
1. Communication 5	
2. Interaction 5	
3. Presentation 5	
4. Content 5	
5. Learning Value 5	
Total (25/25) ✓	
Any other Suggestions	N/L
Signature of the Participant	M.Dhanush

Reviewed by Faculty In charge

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