



VINAYAKA MISSION'S
RESEARCH FOUNDATION
Deemed to be University under section 3 of the UGC Act 1956



DEPARTMENT OF MECHANICAL ENGINEERING

CIRCULAR

Ref No: 2023-2024/ Even/Mech/Sem4

Date: 27.03.2024

The Department of Mechanical Engineering is proposed to conduct “**3D Printing and its Applications**” on **2.04.2024**. The students and faculty members are requested to register and attend the program compulsorily. Invitation is herewith attached.

HOD

Circulated to:	1. All Faculty members 2. II/III/IV year Students
Copy to	1. Principal Office 2. Notice Board



AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



**VINAYAKA MISSION'S
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**Department of Mechanical Engineering
In Association with
Indian Institution of production Engineer (IIPrE) Students Chapter**

Cordially invites you all for

**One Day Seminar on
“3D Printing and its Applications”**

Date &Time : 2.04.2024 @10.00 a.m

Resource Person



Dr.A.K.Lakshminarayanan

**ESAB Chair Faculty in Welding Technologies,
Associate professor, Department of Mechanical Engineering,
SSN College of Engineering**

Welcome Address

Dr.M.Prabhahar / HOD Mech, AVIT

Coordinator

Mr.S.Ashokkumar, Asst.Professor(Gr- II) / Mech /AVIT



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AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



Cordially invites you all for the

Seminar on

3D Printing and its Applications

 02.04.2024

 10.00 a.m

 Digital Classroom

Resource Person

Dr. A.K. Lakshminarayanan

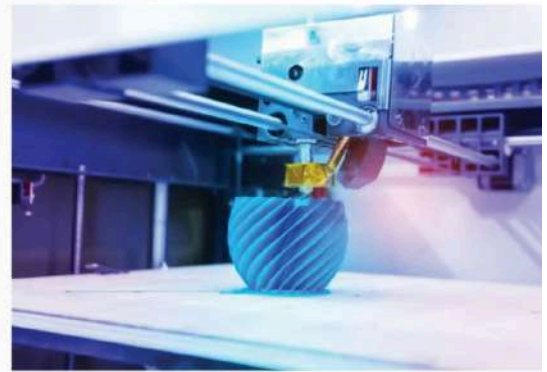
Associate Professor,

ESAB Chair

Faculty in Welding Technologies,

Dept. of Mechanical Engg.,

SSN College of Engineering.



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**Organized by : Department of Mechanical Engineering
in association with Indian Institution of
Production Engineers (IIPrE) Students Chapters**



DEPARTMENT OF MECHANICAL ENGINEERING
IN ASSOCIATION WITH
INDIAN INSTITUTIONAL OF PRODUCTION ENGINEERS (IIPrE) - STUDENTS CHAPTER
ONE DAY SEMINAR ON “3D PRINTING AND ITS APPLICATIONS”.
DATE : 2nd APRIL, 2024

PROGRAMME AGENDA

Time :10 am

Venue : Digital class room

Time	Description	Presented by
10 am	Start of the session by Moderator	Mr. J.Vasanth kumar 3rd Year Mechanical Engineering Department of Mechanical Engineering, AVIT
10.05 am	Welcome Address	Dr.M.Prabhakar Professor & HOD, Department of Mechanical Engineering, AVIT
10.10 am	Presentation	Dr.A.K.Lakshminarayanan ESAB Chair Faculty in Welding Technologies, Associate professor, Department of Mechanical Engineering, SSN College of Engineering
11.45am	Vote of Thanks	Mr. Shubam Mal 3rd Year Mechanical Engineering, Department of Mechanical Engineering, AVIT

AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING

Ref: 23-24/ Even/Mech/Sem4

Date: 4.04.2024

From

S.Ashokkumar
Assistant Professor (Gr- II),
Department of Mechanical Engineering,
Aarupadai Veedu Institute of Technology,
Paiyanoor-603 104.

To

The Principal
Aarupadai Veedu Institute of Technology,
Paiyanoor-603 10.

Respected Sir,

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

The Department of Mechanical Engineering has organized a one day seminar on “3D Printing and its Applications” on 2.04.2024. The event report of the programme is herewith attached for your kind perusal.

Thanking you

Regards



S Ashokkumar
Event Coordinator



HOD



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**VINAYAKA MISSION'S
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**DEPARTMENT OF MECHANICAL ENGINEERING
IN ASSOCIATION WITH
INDIAN INSTITUTIONAL OF PRODUCTION ENGINEERS (IIPrE) - STUDENTS CHAPTER
SEMINAR ON 2nd, APRIL, 2024**

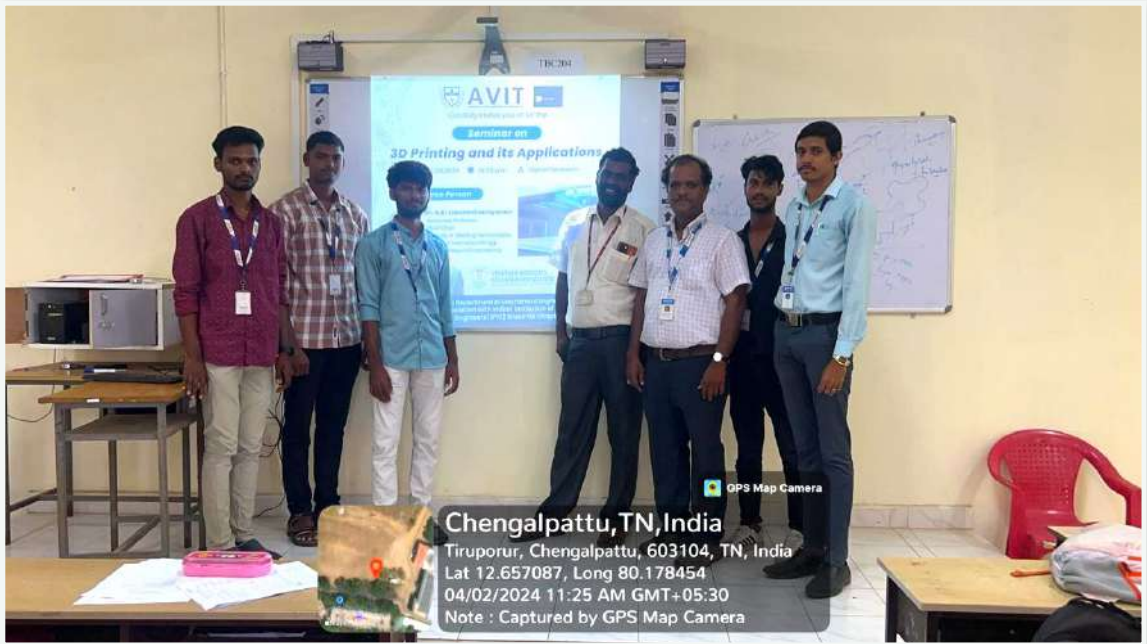
The Department of Mechanical Engineering in Aarupadai veedu Institute of Technology (AVIT), an ambit institution of Vinayaka Mission's Research foundation has organized an seminar on "3D Printing and its Applications" on 2.04.2024 in the digital class room which has hosted by Dr.A.K.Lakshminarayanan, ESAB Chair Faculty in Welding Technologies, Associate professor in Department of Mechanical Engineering,SSN College of Engineering. Dr.M.Prabhahar, HOD, Department of Mechanical Engineering, AVIT, started the seminar with the welcome note followed by shall. The seminar has been organized for the mechanical engineering students. Almost 35+ students actively participated in this seminar and received the industry standard exposure.

Outcome from this Seminar:

- **Increased Understanding:** Attendees gain a deeper understanding of 3D printing technology, including its principles, processes, and various applications across different industries.
- **Awareness:** Participants become more aware of the potential of 3D printing technology in revolutionizing manufacturing, design, healthcare, education, and other sectors.
- **Knowledge Exchange:** The seminar facilitates knowledge exchange among participants, allowing them to share insights, experiences, and best practices related to 3D printing.
- **Inspiration:** Attendees are inspired by real-world case studies and success stories showcasing innovative uses of 3D printing technology.
- **Skill Development:** Workshops or hands-on sessions during the seminar enable participants to develop practical skills in using 3D printing software and hardware.
- **Problem Solving:** Discussions and Q&A sessions address common challenges and limitations associated with 3D printing technology, helping attendees develop strategies to overcome them.
- **Future Directions:** The seminar explores emerging trends and future developments in 3D printing, allowing participants to anticipate opportunities and challenges in the field.
- **Overall,** the outcome of the seminar aims to educate, inform, inspire, and empower attendees to leverage the potential of 3D printing technology in their respective fields and endeavors. Students will be able to, Explaining the details of Additive manufacturing processes, their evolution and need.

The vote of thanks was given by Mr. Subham Mal , 3year/ Mechanical. The seminar was organized by Mr.S.Ashokkumar, Assistant Professor (Gr-II), Department of Mechanical Engineering. Would like to thank Dr.G.Selvakumar, Principal, AVIT and Dr.M.Prabhahar, HOD, Department of Mechanical Engineering for the support and guidance to make this seminar in a grand success.

Seminar on "3D Printing and its Applications"
Venue: Digital class room



**Department of Mechanical Engineering****One Day Seminar On "3D Printing and its Applications"**

Resource person: Dr. A.K LAKSHMINARAYANAN, Associate Professor, SSN College of Engineering.

Participants Name List

Date: 2.4.2024 @ 10 am

Venue: Digital Classroom

S.No	Reg. Number	Name Of The Student	Year/Sem	Signature
1	3442210507	NELESH KRMAVURAN	2nd / IY	Nilesh Krma
2	3442210509	PRIABHAT KUMARRAN	2nd / iY	Priabhat Kumarran
3	3442210501	Ankit kumar	2nd / IV	Ankit kumar
4	3442210510	Sukumar Ray	II / IV	Sukumar Ray
5	3442210503	Ejaz Ahmad	II / IV	Ejaz Ahmad
6	34422505	Mammal Prang	IV	Mammal Prang
7	3442357511	Sourav Sreejith. K.M	4th / VIII	Sourav Sreejith
8	3442357503	Adil Mehaboob	4th / VIII	Adil Mehaboob
9	3442010504	Akash kumar	4th / VIII	Akash kumar
10	3442110509	T. Lohidhasan	3rd year / VI	T. Lohidhasan
11	3442220509	S. SRINIVASAN	3rd / VI	S. Srinivasan
12	3442355505	S. SRINIVAS	3rd / VI	S. Srinivas
13	3442124509	NAVEEN KUMAR. G	3rd / VI	Naveen Kumar
14	3442355508	YADULAS. K	3rd / VI	Yadulas K
15	3442355504	Midhan Thomas	3rd / VI	Midhan Thomas
16	3442124515	SRIRAM. M	3rd / VI	Sriram M
17	3442355503	M Naveen Raj	3rd / III	M Naveen Raj
18	3442210505	P. JAMES ANDREWS	2nd / IV	P. James Andrews
19	3442354601	S. Tejaswar	2nd / IV	S. Tejaswar
20	3442357509	Nabil Abdul Jabbar	4th year / IV	Nabil Abdul Jabbar
21	3442357504	AJMAL N	4th year / IV	Ajmal N
22	3442220512	VASANTH KUMAR. J	III YEAR / VI	Vasanth Kumar
23	3442220510	SUBHAM MAL	III-YEAR / VI-SEM	Subham Mal
24	3442220502	BIKASH BASFORE	III YEAR / VI SEM	Bikash Basfore

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AVIT/GLSFBS/29(b)

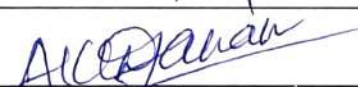
GUEST LECTURE / SEMINAR FEEDBACK FROM SPEAKER

SEMESTER: EVEN

ACADEMIC YEAR: 2023-2024

DEPT : MECHANICAL ENGINEERING

DATE: 2.04.2024

Name of the Speaker	Dr. A.K.Lakshminarayanan, M.E.,Ph.D (Featured in Stanford's list of top 2% scientists in the world - 2020,2021,2022,2023)
Designation & Organisation	Associate Professor ESAB Chair Faculty in Welding Technologies, Department of Mechanical Engineering, Sri Sivasubramaniya Nadar College of Engineering Kalavakkam - 603 110.
Title of the Lecture / Seminar	3D Printing and its Applications
Date & Time	2.04.2024 @ 10 am
Venue	Department of mechanical engineering , Digital class room
Beneficiary	U6 students and faculty
Duration of the Lecture	1 hr 30 min
Suggestions of Speaker	Practice cum theory courses can be introduced on "3D printing" 75% practical and 25% Theory
Signature	


Reviewed by Faculty In charge


HOD

AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY
VINAYAKA MISSIONS RESEARCH FOUNDATION

AVIT/GLSFBP/29(c)

GUEST LECTURE / SEMINAR FEEDBACK FROM PARTICIPANTS

SEMESTER: EVEN

ACADEMIC YEAR : 2023-2024

DEPT : MECHANICAL ENGINEERING


DATE: 2.4.204

Name of the Participant	SUBHAM MAL REG:-3442220510
Prog., Branch, Sem & Sec (If Applicable)	BE- MECHANICAL . III-year (VI- sem)
Designation & Organisation (If Applicable)	AVIT
Title of the Lecture / Seminar	3D Printing and its Applications
Name of the Speaker(s)	Dr. A.K.Lakshminarayanan, M.E.,Ph.D (Featured in Stanford's list of top 2% scientists in the world 2020,2021,2022,2023) Associate Professor ESAB Chair Faculty in Welding Technologies Department of Mechanical Engineering, Sri Sivasubramaniya Nadar College of Engineering Kalavakkam - 603 110 ,
Date & Time	2.04.2024 @ 10 am
Venue & Duration of Lecture	Department of mechanical engineering , Digital class room & 2 Hrs

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	NIL
Signature of the Participant	


Reviewed by Faculty In charge


HOD

AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY
VINAYAKA MISSIONS RESEARCH FOUNDATION

AVIT/GLSFBP/29(c)


GUEST LECTURE / SEMINAR FEEDBACK FROM PARTICIPANTS


SEMESTER: EVEN

ACADEMIC YEAR : 2023-2024

DEPT : MECHANICAL ENGINEERING

DATE: 2.4.2024

Name of the Participant	BIKASH BASFORE (3442220502)
Prog., Branch, Sem & Sec (If Applicable)	B.E. MECHANICAL . III Year (VI -Sem)
Designation & Organisation (If Applicable)	AVIT
Title of the Lecture / Seminar	3D Printing and its Applications
Name of the Speaker(s)	Dr. A.K.Lakshminarayanan, M.E.,Ph.D (Featured in Stanford's list of top 2% scientists in the world 2020,2021,2022,2023) Associate Professor ESAB Chair Faculty in Welding Technologies Department of Mechanical Engineering, Sri Sivasubramaniya Nadar College of Engineering Kalavakkam - 603 110 ,
Date & Time	2.04.2024 @ 10 am
Venue & Duration of Lecture	Department of mechanical engineering , Digital class room & 2 Hrs
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	NIL
Signature of the Participant	


Reviewed by Faculty In charge


HOD

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VINAYAKA MISSIONS RESEARCH FOUNDATION

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GUEST LECTURE / SEMINAR FEEDBACK FROM PARTICIPANTS

SEMESTER: EVEN

ACADEMIC YEAR : 2023-2024

DEPT : MECHANICAL ENGINEERING

DATE: 2.4.204

Name of the Participant	JENSON TEJI , 3442357505
Prog., Branch, Sem & Sec (If Applicable)	MECH, VIII
Designation & Organisation (If Applicable)	STUDENT
Title of the Lecture / Seminar	3D Printing and its Applications
Name of the Speaker(s)	Dr. A.K.Lakshminarayanan, M.E.,Ph.D (Featured in Stanford's list of top 2% scientists in the world 2020,2021,2022,2023) Associate Professor ESAB Chair Faculty in Welding Technologies Department of Mechanical Engineering, Sri Sivasubramaniya Nadar College of Engineering Kalavakkam - 603 110 ,
Date & Time	2.04.2024 @ 10 am
Venue & Duration of Lecture	Department of mechanical engineering , Digital class room & 2 Hrs

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

Reviewed by Faculty In charge

HOD

AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY
VINAYAKA MISSIONS RESEARCH FOUNDATION

AVIT/GLSFBP/29(c)

GUEST LECTURE / SEMINAR FEEDBACK FROM PARTICIPANTS

SEMESTER: EVEN

ACADEMIC YEAR : 2023-2024

DEPT : MECHANICAL ENGINEERING

DATE: 2.4.2024

Name of the Participant	P - JAMES ANDREWS	344 2210 505
Prog., Branch, Sem & Sec (If Applicable)	B.E. Mechanical.	I st year / IV Sem
Designation & Organisation (If Applicable)		
Title of the Lecture / Seminar	3D Printing and its Applications	
Name of the Speaker(s)	Dr. A.K.Lakshminarayanan, M.E.,Ph.D (Featured in Stanford's list of top 2% scientists in the world 2020,2021,2022,2023) Associate Professor ESAB Chair Faculty in Welding Technologies Department of Mechanical Engineering, Sri Sivasubramaniya Nadar College of Engineering Kalavakkam - 603 110 ,	
Date & Time	2.04.2024 @ 10 am	
Venue & Duration of Lecture	Department of mechanical engineering , Digital class room & 2 Hrs	
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	P - [Signature]	

[Signature]
Reviewed by Faculty In charge

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HOD