

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

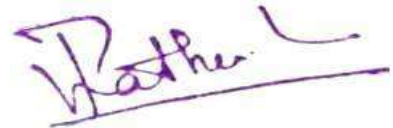
**CIRCULAR**

**Ref No: 22-23/Odd/Mech/Sem 02**

**Date: 17.10.2022**

The Department of Mechanical Engineering is organising a Seminar on "Importance of composite materials in engineering applications." All the students are requested to register and participate for the seminar. The invitation is herewith attached.

Registration Link: <https://forms.gle/NMjuBUeEkDzn6TB57>



**HOD**

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



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



**AVIT**  
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY

**DEPARTMENT OF MECHANICAL ENGINEERING**  
**in association with**  
**National Institution for Quality and Reliability**

*Cordially invites you all for the*

**Seminar on "Importance of composite materials in engineering applications"**

**DATE & TIME: 18.10.2022 & 11.00 am**

**Resource Person**

**Dr.L.Poovazhagan,**  
**Associate Professor,**  
**Department of Mechanical Engineering,**  
**SSN College of engineering, Kalavakkam.**

**Welcome Address**

**Dr.LPrabhu VP (Admin) & HOD/MECH / AVIT**

**Coordinator**

**Mr.S.Kalyanakumar, Assistant Professor Gr II / MECH/AVIT**



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



**AVIT**  
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY

*Cordially invites you all for the*

## **Seminar on Importance of composite materials towards engineering applications**



Registration URL : <https://forms.gle/DEJCombDFZRC9fzC8>



Resource Person

Dr. L. Poovazhagan  
Associate Professor,  
Dept. of Mechanical Engg.  
SSN College of Engineering.

 **18<sup>th</sup> Oct 2022**

 **Time : 11.00 a.m.**

 **Digital Classroom**

In the presence of

Dr. G. Selvakumar, Principal, AVIT  
Dr. L. Prabhu, VP (Admin.) & HoD, Mech.

Coordinator : Mr. S. Kalyanakumar, AP (Gr - II), Mech.

**Organized by :** Department of Mechanical Engineering  
in association with National Institution for Quality and  
Reliability (NIQR)



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



AVIT  
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY

**DEPARTMENT OF MECHANICAL ENGINEERING  
IN ASSOCIATION WITH**



**NATIONAL INSTITUTION FOR QUALITY AND  
RELIABILITY**

**Seminar on "Importance of composite materials in engineering  
applications"  
PROGRAMME AGENDA**

Event Date & Time: 18.10.2022 (Tuesday) & 11.00 am

Time	Description	Presented by
11.00 am	Start of the session by Moderator	Mr.Brajesh kumar Student- IV Yr Mechanical Engineering, Department of Mechanical Engineering, AVIT
11.05 am	Welcome Address	Dr.L.Prabhu VP Admin & HOD Department of Mechanical Engineering, AVIT
11.10 am	Introduction of Guest	Mr.S.Kalyanakumar Assistant Professor Gr II Department of Mechanical Engineering, AVIT
11.15 am	Seminar	Dr.L.Poovazhagan Associate Professor, Department of Mechanical Engineering, SSN College of Engineering
12.15 pm	Vote of Thanks	Mr.S.Sathiyaraj Assistant Professor Gr II Department of Mechanical Engineering, AVIT

AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY  
DEPARTMENT OF MECHANICAL ENGINEERING

Ref: 2022-2023/Even /Mech/Sem 02

Date: 20.10.2022

From

S.Kalyanakumar  
Assistant Professor Gr II  
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 – **Seminar on "Importance of composite materials in engineering applications"- 18<sup>th</sup> October 2022**. The report of the programme is herewith attached for your kind perusal.

Thanking you,

With regards,



Event Coordinator



HOD



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



**AVIT**  
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY

## **DEPARTMENT OF MECHANICAL ENGINEERING IN ASSOCIATION WITH**

### **NATIONAL INSTITUTION FOR QUALITY AND RELIABILITY – STUDENT CHAPTER Report – Seminar on "Importance of composite materials in engineering applications" 18<sup>th</sup> Oct 2022**

**Resource person: Dr.L.Poovazhagan**

Associate Professor, Department of Mechanical Engineering,  
SSN College of Engineering.

The Department of Mechanical Engineering in association with National Institution for Quality and Reliability) organized a Seminar on "**Importance of composite materials in engineering applications**"- 18<sup>th</sup> Oct 2022. Dr.L.Prabhu VP-Admin & HOD Mechanical gave the presidential address. The chief guest Introduction was given by Mr.S.Kalyanakumar, Assistant professor Grade-II Department of Mechanical Engineering. Around 63 students participated in the seminar and had a fruitful discussion with the Chief guest.

#### **The topics covered in Seminar were**

- Composite materials
- Types of composite
- Composite vs alloys
- The evolution of engineering materials
- Why do we have to know properties in design process
- Data organisation: Materials and Processes.
- Engineering applications of composites

#### **Outcome of Seminar**

- Students understood the importance of composites
- Selections of material in design itself.
- About importance of composites and its impact in current market
- Application of composites in engineering products as alternative.

The Seminar was coordinated by Mr.S.Kalyanakumar, Assistant professor Grade-II. and Vote of Thanks given by Mr.S.Sathiyaraj, Assistant professor Grade-II.



M54H+HM8, Pattipulam, Tamil Nadu 603104, India

Latitude  
12.6569563°

Local 11:28:14 AM  
GMT 05:58:14 AM

Longitude  
80.1792553°

Altitude 9.52 meters  
Tuesday, 18.10.2022

Note : Seminar on Importance of composite materials  
18.10.2022



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



**AVIT**  
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY

**DEPARTMENT OF MECHANICAL ENGINEERING IN ASSOCIATION WITH  
NATIONAL INSTITUTION FOR QUALITY AND RELIABILITY – STUDENT CHAPTER  
Seminar on "Importance of composite materials in engineering applications"  
18<sup>th</sup> October 2022**

**PARTICIPANTS NAME LIST**

Sl.no	Student Name	Year / Department	College
1	ABHAY VERMA	IV / MECH	AVIT
2	ABHIMANYU SINGH	IV / MECH	AVIT
3	AJAY KUMAR	IV / MECH	AVIT
4	AKHIL ASOKAN	IV / MECH	AVIT
5	AMIT KUMAR	IV / MECH	AVIT
6	ANES	IV / MECH	AVIT
7	ASHISH KUMAR	IV / MECH	AVIT
8	BRAJESH KUMAR	IV / MECH	AVIT
9	BRAJESH KUMAR	IV / MECH	AVIT
10	CHANDAN KUMAR	IV / MECH	AVIT
11	DEVARJUN V.S	IV / MECH	AVIT
12	GOBIND MAURYA	IV / MECH	AVIT
13	IRSHAD ANSARI	IV / MECH	AVIT
14	J UDHAYAKUMAR	IV / MECH	AVIT
15	KOTIAN ASHVITH	IV / MECH	AVIT
16	MANGAMPATLA PAVAN	IV / MECH	AVIT
17	MD ABDULLAH KHAN	IV / MECH	AVIT
18	MD JAFAR ALAM	IV / MECH	AVIT
19	MIDHUN SHAJI	IV / MECH	AVIT
20	MOHAMED RASHID. A	IV / MECH	AVIT
21	MOHAMED RASHID.A	IV / MECH	AVIT
22	NADEEM ALAM	IV / MECH	AVIT
23	NAUSHAD ALAM	IV / MECH	AVIT
24	NITHISH	IV / MECH	AVIT
25	PRAPANCH SASHIDHAR	IV / MECH	AVIT
26	RAHUL KUMAR	IV / MECH	AVIT
27	RAHUL KUMAR	IV / MECH	AVIT
28	RAKESH KUMAR	IV / MECH	AVIT
29	RANJIT TIWARI	IV / MECH	AVIT
30	RIJAS NAINAN.D	IV / MECH	AVIT
31	SHAIK RIYAZ	IV / MECH	AVIT
32	SUDARSAN R	IV / MECH	AVIT
33	THARUN R	IV / MECH	AVIT
34	VIKASH KUMAR SINGH	IV / MECH	AVIT
35	YUGENDRAN.S	IV / MECH	AVIT
36	AKASH KUMAR	III / MECH	AVIT
37	BALAJI A	III / MECH	AVIT



38	BALAJI. P	III / MECH	AVIT
39	C.TAMILSELVAN	III / MECH	AVIT
40	GOKUL.T	III / MECH	AVIT
41	GOPIKRISHNA H	III / MECH	AVIT
42	GOVARATHAN.P	III / MECH	AVIT
43	MADHANRAJ L	III / MECH	AVIT
44	MOHAMED RIYAS KHAN	III / MECH	AVIT
45	NIRMAL KUMAR.M	III / MECH	AVIT
46	PONNARASU. S	III / MECH	AVIT
47	RANJAN KUMAR MANDAL	III / MECH	AVIT
48	SANJAY KRISHNAN K	III / MECH	AVIT
49	SARANRAJ. P	III / MECH	AVIT
50	THARUN KUMAR S	III / MECH	AVIT
51	UDHAYAM	III / MECH	AVIT
52	VASANTHRAJ. R	III / MECH	AVIT
53	VIGNESH R	III / MECH	AVIT
54	VIGNESH V	III / MECH	AVIT
55	VIJAYAKUMAR.A	III / MECH	AVIT
56	VYSHNAV N R	III / MECH	AVIT
57	YEDDULA DEEKESHWARREDDY	III / MECH	AVIT
58	DURAIRAJ	II / MECH	AVIT
59	K.SEDHURAJA	II / MECH	AVIT
60	KRISHNA BALAJI	II / MECH	AVIT
61	LOGESH. A	II / MECH	AVIT
62	LOHIDHARSHAN	II / MECH	AVIT
63	PRAVEEN	II / MECH	AVIT



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



**AVIT**  
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY

**DEPARTMENT OF MECHANICAL ENGINEERING IN ASSOCIATION WITH  
NATIONAL INSTITUTION FOR QUALITY AND RELIABILITY – STUDENT CHAPTER  
Seminar on "Importance of composite materials in engineering applications"  
18<sup>th</sup> October 2022  
FEEDBACK FORM**

Sl. no	Email address	Student Name	Year / Department	College	Learning Value from the Seminar	The Basics of was clearly explained	The session was very helpful to understand the concepts clearly	Overall experience on Program was helpful in knowledge & Skill enhancement
1	abhayverma8473290@gmail.com	ABHAY VERMA	IV / MECH	AVIT	5	5	5	5
2	abhimanyusingh45259@gmail.com	ABHIMANYU SINGH	IV / MECH	AVIT	4	4	4	4
3	ak9801083189@gmail.com	AJAY KUMAR	IV / MECH	AVIT	4	4	4	4
4	Akhilasokan3011@gmail.com	AKHIL ASOKAN	IV / MECH	AVIT	5	5	5	5
5	amitkumar013545@gmail.com	AMIT KUMAR	IV / MECH	AVIT	4	4	4	4
6	aneesth17@gmail.com	ANEES	IV / MECH	AVIT	5	5	5	5
7	ashishgupta6700@gmail.com	ASHISH KUMAR	IV / MECH	AVIT	5	5	5	5
8	brajesh62063@gmail.com	BRAJESH KUMAR	IV / MECH	AVIT	5	5	5	5
9	bkmth12345@gmail.com	BRAJESH KUMAR	IV / MECH	AVIT	5	5	5	5
10	ck9822838@gmail.com	CHANDAN KUMAR	IV / MECH	AVIT	4	4	4	4
11	arjunfoxvs@gmail.com	DEVARJUN V.S	IV / MECH	AVIT	4	4	4	4
12	gobindkaser@gmail.com	GOBIND MAURYA	IV / MECH	AVIT	5	5	5	5
13	irshad Ansari	IRSHAD ANSARI	IV / MECH	AVIT	5	5	5	5
14	mennilakutty@gmail.com	J UDHAYAKUMAR	IV / MECH	AVIT	5	5	5	5
15	ashvith97@gmail.com	KOTIAN ASHVITH	IV / MECH	AVIT	5	5	5	5

16	panipavan64@gmail.com	MANGAMPATLA PAVAN	IV / MECH	AVIT	5	5	5	5
17	mdabdullahkhan6551@gmail.com	MD ABDULLAH KHAN	IV / MECH	AVIT	5	5	5	5
18	mdjafaralam78692@gmail.com	MD JAFAR ALAM	IV / MECH	AVIT	5	5	5	5
19	midhunshaji510@gmail.com	MIDHUN SHAJI	IV / MECH	AVIT	5	5	5	5
20	mdrashid27011@gmail.com	MOHAMED RASHID. A	IV / MECH	AVIT	5	5	5	5
21	mdrashid27011	MOHAMED RASHID.A	IV / MECH	AVIT	5	5	5	5
22	alamnadeem9065@gmail.com	NADEEM ALAM	IV / MECH	AVIT	5	5	5	5
23	nushadalam2001@gmail.com	NAUSHAD ALAM	IV / MECH	AVIT	5	5	5	5
24	nithishnithish148@gmail.com	NITHISH	IV / MECH	AVIT	5	5	5	5
25	Prapancxh@gmail.com	PRAPANCH SASHIDHAR	IV / MECH	AVIT	5	5	5	5
26	rahulkumarpse10@gmail.com	RAHUL KUMAR	IV / MECH	AVIT	5	5	5	5
27	rahulavit529@gmail.com	RAHUL KUMAR	IV / MECH	AVIT	5	5	5	5
28	rakeshku2208@gmail.com	RAKESH KUMAR	IV / MECH	AVIT	5	5	5	5
29	ranjitiwari199@gmail.com	RANJIT TIWARI	IV / MECH	AVIT	5	5	5	5
30	rijasnainan007@gmail.com	RIJAS NAINAN.D	IV / MECH	AVIT	5	5	5	5
31	riyazshaik8096020730@gmail.com	SHAIK RIYAZ	IV / MECH	AVIT	5	5	5	5
32	sudarasan.r1997@gmail.com	SUDARSAN R	IV / MECH	AVIT	5	5	5	5
33	rbtharun21@gmail.com	THARUN R	IV / MECH	AVIT	4	4	4	4
34	vikashkumarsingh8576@gmail.com	VIKASH KUMAR SINGH	IV / MECH	AVIT	4	4	4	4
35	yugendran3621@gmail.com	YUGENDRAN.S	IV / MECH	AVIT	4	4	4	4
36	akashkumarbihar2002@gmail.com	AKASH KUMAR	III / MECH	AVIT	5	5	5	5
37	balajivpm113@gmail.com	BALAJI A	III / MECH	AVIT	5	5	5	5
38	bthala821@gmail.com	BALAJI. P	III / MECH	AVIT	5	5	5	5
39	sarkarvijay167@gmail.com	C.TAMILSELVAN	III / MECH	AVIT	5	5	5	5
40	manit6164@gmail.com	GOKUL.T	III / MECH	AVIT	5	5	5	5
41	gopikrishnah1998@gmail.com	GOPIKRISHNA H	III / MECH	AVIT	4	4	4	4
42	spcgovarathan@gmail.com	GOVARATHAN.P	III / MECH	AVIT	4	4	4	4
43	lmdadhanraj751@gmail.com	MADHANRAJ L	III / MECH	AVIT	4	4	4	4

44	mohamedfazzan123@gmail.com	MOHAMED RIYAS KHAN	III / MECH	AVIT	5	5	5	5
45	nirmalkumar8784@gmail.com	NIRMAL KUMAR.M	III / MECH	AVIT	5	5	5	5
46	arasus9224@gmail.com	PONNARASU. S	III / MECH	AVIT	5	5	5	5
47	ranjankmandal0@gmail.com	RANJAN KUMAR MANDAL	III / MECH	AVIT	5	5	5	5
48	krishnasanjay10@gmail.com	SANJAY KRISHNAN K	III / MECH	AVIT	5	5	5	5
49	saranrajsaranya96321@gmail.com	SARANRAJ. P	III / MECH	AVIT	4	4	4	4
50	tharunkumar888555@gmail.com	THARUN KUMAR S	III / MECH	AVIT	4	4	4	4
51	udhayamk26@gmail.com	UDHAYAM	III / MECH	AVIT	4	4	4	4
52	vasanthnr6@gmail.com	VASANTHRAJ. R	III / MECH	AVIT	5	5	5	5
53	vignesh26092002@gmail.com	VIGNESH R	III / MECH	AVIT	5	5	5	5
54	vv895443@gmail.com	VIGNESH V	III / MECH	AVIT	5	5	5	5
55	vijayakumarsmart02@gmail.com	VIJAYAKUMAR.A	III / MECH	AVIT	5	5	5	5
56	Vyshnavpsy4@gmail.com	VYSHNAV N R	III / MECH	AVIT	5	5	5	5
57	deekeshwarreddy@gmail.com	YEDDULA DEEKESHWARREDDY	III / MECH	AVIT	4	4	4	4
58	durairajtedy@gmail.com	DURAIRAJ	II / MECH	AVIT	4	4	4	4
59	sedhuraja0@gmail.com	K.SEDHURAJA	II / MECH	AVIT	4	4	4	4
60	krishnabalaji.Be@gmail.com	KRISHNA BALAJI	II / MECH	AVIT	5	5	5	5
61	Logeshlogu0308@gmail.com	LOGESH. A	II / MECH	AVIT	5	5	5	5
62	lohidharshanlohidharshan@gmail.com	LOHIDHARSHAN	II / MECH	AVIT	5	5	5	5
63	Praveenveera484@gmail.com	PRAVEEN	II / MECH	AVIT	5	5	5	5