

**DEPARTMENT OF MECHANICAL ENGINEERING**  
**INDUSTRIAL VISIT REPORT**

<b>Event Title</b>	<b>Industrial Visit</b>		
<b>Resource Person</b>	-		
<b>Academic year</b>	2023 - 24	Quarter	
<b>Program Type</b> (Workshop / Motivation speech / Field Visit / Competition / Others)	Field visit to <b>ICF</b> , Chennai & Rail Museum		
<b>Program Theme</b> (IPR / R&D and Innovation / Start-up / Entrepreneurship / Design Thinking / Incubation & Pre - Incubation / others)	Furnishing division is concerned with the coach interiors and amenities. Manufacturing of Vande Bharat Train.		
<b>Date of Visit</b> (DD/MM/YYYY)	25 / 08 / 2023		
<b>Duration of the activity (in Mins) &amp; Start Time &amp; End Time</b>	Duration: 210 Mins.	Start Time: 10:00 AM	End Time: 01:30 PM
<b>Participants</b>	Students: 46	Faculty: 02	External: Nil
<b>Event Organizer / Coordinator</b> Faculty Name / Department / Designation	Mr.G.Antony Casmir, AP-II & Mr.C.Thiagarajan Assoc.Prof./Mech		
<b>Target Participants</b>	III & IV Year students of B.E. Mechanical Engineering		
<b>Outcome</b>	<p>Students were able to understand the methods of manufacturing of LHB and Vande Bharat Train.</p> <p>Students were able to understand the working Principle of different Machineries used to manufacture the Coaches.</p>		

**Report:**

Department of Mechanical Engineering and Association of Mechanical Engineers of AVIT. (AMEA) arranged a Industrial visit to **ICF**, Chennai & Rail Museum. Manufacturers of LHB and Vande Bharat train at Perambur. Around 46 students of III and IV year B.E. Mechanical Engineering students visited the Factory and had a thorough knowledge of methods of manufacturing of LHB Coaches. Mr.G.Antony Casmir & Mr.C.Thiagarajan accompanied the students during the visit.

## Outcome:

The students had gained a thorough knowledge of LHB Coaches and Vande Bharat Train of various Manufacturing Process used in for manufacturing the train. Students were able to understand the Practical concepts of Suspension system and Coil Type Springs used in the Coaches. Apart from that the students also Studied Different Welding and machining Process Used in the industry. And also Students Visited Rail Museum which they Displayed Prototype of Vintage rail coaches.

## PHOTO GALLERY



## INDUSTRIAL VISIT PARTICIPANTS LIST

**Company visited:** Integral Coach Factory,  
Chennai.

**Date:** 25.08.2023

**Accompanying faculty:** 1. Mr.G.Antony Casmir, AP-II &  
2.Mr.C.Thiagarajan Assoc.Prof./Mech

<b>SL. No</b>	<b>REG NO</b>	<b>NAME OF THE STUDENTS</b>	<b>YEAR/BRANCH</b>
1	3442110501	ANAND KUMAR RAM	III YR MECHANICAL
2	3442110505	DURAIRAJ T	III YR MECHANICAL
3	3442110506	KRISHNA BALAJI S	III YR MECHANICAL
4	3442110508	LOGESH A	III YR MECHANICAL
5	3442110509	LOHIDHARSHAN T	III YR MECHANICAL
6	3442110511	RAJAKUMARAN P	III YR MECHANICAL
7	3442110513	SANJEEV KUMAR	III YR MECHANICAL
8	3442110515	SUJEET KUMAR	III YR MECHANICAL
9	3442124515	SRIRAM M	III YR MECHANICAL
10	3442220502	BIKASH BASFORE	III YR MECHANICAL
11	3442220504	DHANUSHKUMAR R	III YR MECHANICAL
12	3442220506	MOHAMMED ASARAFALI S	III YR MECHANICAL
13	3442220507	PAVAN KUMAR S	III YR MECHANICAL
14	3442220508	RANJITH V	III YR MECHANICAL
15	3442220509	SRINIVASAN S	III YR MECHANICAL
16	3442220510	SUBHAM MAL	III YR MECHANICAL
17	3442220512	VASANTH KUMAR J	III YR MECHANICAL
18	3442253501	MOHAMED AL ASHIM P	III YR MECHANICAL
19	3442253503	RIJAS NAINAN D	III YR MECHANICAL
20	4470	VISHNU P	III YR MECHANICAL
21	3441915537	SANTHOSH.A	IV YR MECHANICAL
22	3442010504	AKASH KUMAR	IV YR MECHANICAL
23	3442010506	CHANDAN KUMAR	IV YR MECHANICAL
24	3442010507	GOPIKRISHNA H	IV YR MECHANICAL

25	3442010511	PONNARASU S	IV YR MECHANICAL
26	3442010512	RANJAN KUMAR MANDAL	IV YR MECHANICAL
27	3442010514	SARANRAJ P	IV YR MECHANICAL
28	3442010515	THARUN KUMAR S	IV YR MECHANICAL
29	3442010516	UDHAYAM K	IV YR MECHANICAL
30	3442010517	VASANTHRAJ R	IV YR MECHANICAL
31	3442010518	VIGNESH R	IV YR MECHANICAL
32	3442010520	YEDDULA DEEKESHWAR REDDY	IV YR MECHANICAL
33	3442120502	BALAJI P	IV YR MECHANICAL
34	3442120505	GOVARATHAN P	IV YR MECHANICAL
35	3442120506	MADHAN RAJ L	IV YR MECHANICAL
36	3442120507	MANIKANDAN M	IV YR MECHANICAL
37	3442120508	MOHAMED RIYAS KHAN S	IV YR MECHANICAL
38	3442120511	SANJAY KRISHNAN K	IV YR MECHANICAL
39	3442120517	TAMIL SELVAN C	IV YR MECHANICAL
40	3442120518	THARUN R	IV YR MECHANICAL
41	3442120520	VIGNESH S	IV YR MECHANICAL
42	3442120521	VIGNESH V	IV YR MECHANICAL
43	3442120522	VIJAYAKUMAR A	IV YR MECHANICAL
44	3442120523	YUGENDIRAN S	IV YR MECHANICAL
45	3442154501	VYSHNAV NR	IV YR MECHANICAL
46	3442255501	ABIJITH S	IV YR MECHANICAL