



**AVIT**  
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



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



**INSTITUTION INNOVATION COUNCIL (IIC) – AVIT  
DEPARTMENT OF MECHANICAL ENGINEERING**

**IPR & TT HuB**

<b>Any one social media Url Link</b>	<a href="https://www.facebook.com/share/p/u65kYkCE4ikvuxjc/?mbextid=oFDknk">https://www.facebook.com/share/p/u65kYkCE4ikvuxjc/?mbextid=oFDknk</a>		
Facebook/Twitter/Instagram/LinkedIn			
<b>Program Driven by</b> IIC Calendar Activity/ MIC Driven Activity/ Celebration Activity/Self driven activity	IIC Calendar Activity		
<b>Event Title</b>	Industrial Visit		
<b>Resource Person</b>	LOCO WORKS, AYNAVARAM,CHENNAI		
<b>Academic year</b>	2023 - 24	Date: 16/08/2024	
<b>Program Type</b> Level 1 - Expert Talk/ Exposure Visit/ Mentoring Session (2 to 4 Hours) Level 2 - Conference / Exposure Visit / Seminar / Workshop (5 to 8 Hours) Level 3 - Bootcamp/ Competition/ Demo Day/ Exhibition / Workshop (9 to 8 Hours) Level 4 - Challenges/ Hackathon/ Tech Fest (Greater than 18 hours)	Level 1 - Exposure Visit (2 to 4 Hours)		
<b>Program Theme</b> IPR & Technology Transfer / Innovation & Design Thinking / Entrepreneurship & Startup / Pre-Incubation & Incubation Management	Innovation & Design Thinking  Educate, Innovate, Transform: Quality Education for a sustainable Tomorrow (Both Hardware & Software)		
<b>Start date &amp; End Date</b> (DD/MM/YYYY)	16/08/2024	16/08/2024	
<b>Duration of the activity (in Mins) &amp; Start Time &amp; End Time</b>	Duration: 120 Mins	Start Time: 10.00 AM	End Time: 12.00 PM



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<b>Participants</b>	Students: 25	Faculty:03	External: -
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<p><b>Mode of session</b> (online / offline) * Online Video Url compulsory</p>	<p>offline</p>
<p><b>Event Organizer / Coordinator</b> Faculty Name / Department / Designation</p>	<p>Mr.G.Antony Casmir Jayaseelan &amp; Mr.C.Thiagarajan Department of Mechanical Engineering, AVIT</p>
<p><b>Expenditure</b></p>	<p>-</p>
<p><b>Objective (100 letters only)</b></p>	<p>Students can able to relate the theoretical concepts of Material Handling equipments like Cranes, Fork lift and Conveyor, welding Equipments , Pneumatic equipments in practical application</p>
<p><b>Benefits in terms of learning/skill/Knowledge obtained ( 150 letters only)</b></p>	<p>The students had gained a thorough knowledge of material handling Equipments viz various Cranes and Fork Lift used in Loco works for Repair and maintenance of Train Coach.</p>

**IPRS CELL**

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Accredited with  
A Grade by NAAC

AVIT  
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DIAMOND  
I-GAUGE

**Department of Mechanical Engineering**  
*Organizes an*  
**Industrial Visit**

**16. 08. 2024**  
**Loco Works**  
**Ayanavaram, Chennai**



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## Report:

Department of Mechanical Engineering has arranged a Industrial visit to Loco Works, Aynavaram, Chennai. Around 25 students of II and III year B.E. Mechanical Engineering visited the Loco works and had a thorough knowledge of various departments like Welding Section, Pneumatic section, Electrical section, Fabrication department , Material Handling department and Safety induction program was also conducted by Safety department. Faculty members Mr.B. Samuvel Michael, Mr.R.Mahesh and Mr.S.Ashok kumar accompanied the students during the visit.

## Outcome:

The students had gained a thorough knowledge of material handling Equipments viz various Cranes and Fork Lift used in Loco works for Repair and maintenance of Train Coach. Students were able to relate the theoretical concepts of Material Handling equipments like Cranes, Fork lift and Conveyor, welding Equipments , Pneumatic equipments in practical application. Apart from that the students also were introduced about future project of Loco works .The Complete Process were also briefed by the Workshop Manager.

## PHOTO GALLERY







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## INDUSTRIAL VISIT PARTICIPANTS LIST

**Place of visit: Loco Works, Aynavaram, Chennai**

**Date: 16.08.2024**

SL.No	Reg. No / Adm No	Name	Year/Sem
1	3442113510	PRAVEEN V	III / V
2	3442113512	RANJITH KUMAR	III / V
3	3442210501	ANKIT KUMAR	III / V
4	3442210503	EJAZ AHAMAD	III / V
5	3442210505	JAMES ANDREW P	III / V
6	3442210506	KRISHNA KUMAR	III / V
7	3442210507	NILESH KUMAR MAURAYA	III / V
8	3442210508	NITHISH KUMAR S	III / V
9	3442210509	PRABHAT KUMAR RAM	III / V
10	3442210510	SUKUMAR RAY	III / V
11	3442210511	SURYA R	III / V
12	3442213501	SUGUMARAN G	III / V
13	3442320501	GUNDATI CHARAN	III / V
14	3442320502	IYYAPPAN S	III / V
15	3442320503	MUKILAN G	III / V
16	3442320504	NAVEEN ANAND J	III / V
17	5987	DEVAKRAJ	III / V
18	3442310501	AKASH A	II / III
19	3442310502	SURIYA.K	II / III
20	5449	JAGADEESHWARAN P	II / III
21	5590	HAVISH.R	II / III
22	5745	SERALATHAN.S	II / III
23	5847	LAWRANCE JOSHVA H	II / III
24	5528	THEN KUMAR.D	II / III
25	5980	VINOTH KUMAR E	II / III



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