Lok Jagruti Kendra University
University with a Difference

Institute Name: LJ Polytechnic

1. Title of the Activity: Two days Ashok Leyland Training for Final Year Students

2. Name of the Faculty/Coordinator: Modi Yash

3. Department / Program Name: Automobile Engineering

4. Date & Duration of the Activity: Date(s): 28/08/2025 & 29/08/2025 From: 9:30 AM To: 3:00 PM

5. Objectives of the Activity:

- To enhance knowledge of emerging automotive technologies
- To familiarize participants with vehicle aggregates and layouts
- To build competence in safe and efficient servicing practices.

6. Description of the Activity:

Day 1 introduced BEVs and hybrid vehicles, including their technical specifications, layouts, cooling systems, and safety protocols. Practical demonstrations, component identification, and product videos reinforced theoretical concepts. Day 2 focused on fuel variants, lubricants, and truck AC systems, covering properties, usage, servicing intervals, and working principles.

7. External Participation:

a) **Invited Speaker/Dignitary/Resource Person:**
Name: H S Ashok ; Varun Prabhu
Designation: JSDC Head, Ahmedabad **;** Technical Content Head (HQ)
Affiliation: Ashok Leyland

b) **Number of External Participants:** 02

8. Internal Participation:

a) **Number of Faculties involved:** 06
b) **Number of Non-Teaching Employees involved:** 02
c) **Number of Students involved:** 34
d) **Mode of Participation:** Hybrid

9. Learning Outcome Achieved:

- Improved awareness of alternate fuels, lubricants, and their sustainable applications.
- Ability to identify and understand truck AC and EV/HEV components and layouts.
- Familiarity with safety systems and use of PPEs in high-voltage environments.
- Strengthened readiness to work with modern automotive technologies in a safe and efficient manner.

10. Photographs / Screenshots:

Classroom Training Session

Final Group Photo with all participants

11. Attendance Sheet:

Day 1: 33 P; 1A

Day 2: 32 P; 2A

12. Outcome Summary:

The two-day training conducted by Ashok Leyland experts equipped participants with practical insights into both conventional and emerging vehicle technologies. Beginning with electric mobility, where participants explored the architecture of battery electric and hybrid vehicles, learning how aggregates are integrated and cooled to ensure performance. The sessions also reinforced the importance of inbuilt vehicle protections and the disciplined use of personal protective equipment while handling high-voltage systems. The focus then shifted to alternate fuels and lubricants, the program emphasized their properties, applications, and role in enhancing efficiency and sustainability. Exposure to truck air-conditioning systems deepened understanding of component functions and real-world operation. Overall, the training strengthened technical competence, broadened awareness of evolving automotive trends, and instilled a strong culture of safety and preparedness for modern workshop practices.