



**Two Day Workshop on  
“New technology in Ashok Leyland commercial  
vehicles”**

**&**

**Industrial VISIT REPORT Department of  
Mechanical Engineering**

**GHRAET, NAGPUR**

(From 15<sup>th</sup> to 16<sup>th</sup> Nov. 2016)



**G.H. RAISONI ACADEMY OF ENGINEERING & TECHNOLOGY**

(Approved by AICTE, New Delhi, recognized by Govt. of Maharashtra & Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)

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**(NAAC Accredited)**

Mechanical Engineering Department, GHRAET Nagpur has organised two days Industrial Training on “New technology in Ashok Leyland commercial vehicles” on 15-16 November, 2016 for GHRAET faculties under the guidance of **Dr Anil R. Sahu**.

The visit was organized with the prior permission and guidance of Hon. Principal **Dr. S. R. Vaishnav** and HOD of Mechanical Engineering Department **Dr. Achal S. Shahare**.

### **On 15th Nov.2016,**

In the morning session Mr P Nichat, Divisional Manager, service and training and Mr R Kosarkar, Training Instructor explained about various New Technologies used in the commercial vehicles that includes Antilock braking system (ABS), Anti Spin Resistance (ASR), Common Rail System (CRS), Diesel Management System (DMS), different types of sensors, and at last about Automated Manual Transmission system (AMT).

In second session demonstration of all above mentioned new technologies was conducted in their workshop which is located at GHRAET Nagpur campus.

### **Training Center of Ashok Leyland, at Shradha Park.**





**On 16th Nov.2016,**

**On Day 2 visit to Ashok Leyland Ltd Manufacturing Plant, Bhandara.**

There they had shown us Gear Mfg Shop, Gear Finishing and Inspection Shop, Heat Treatment shop, Gear assembly and spare part packaging shop, and Advanced Manufacturing Machines and Tools. They have also shown us the live demonstration on Automated Manual Transmission vehicle. Per shift company manufactures about 90 Gear boxes. They have also provided free Lunch and Tea during the plant visit.

This industrial tour has enriched us to understand “New Technologies” used in commercial vehicle of Ashok Leyland.

We are Thankful to Dr S. Vaishnav, Principal, GHRAET,Nagpur , Dr A. Shahare, HOD, Mechanical Engg Dept for granting us the permission for this two days’ workshop. We are also thankful to Dr A. R. Sahu for organising this workshop in Mechanical Engg Dept. We are Thankful to Ashok Leyland team for their full cooperation.

**Training Center of Ashok Leyland, at Shradha Park (GHRAET, Nagpur).**




**Ashok Leyland, Bhandara**




## List of Staff Members for visited at Ashok Leland Bhandara

SR.NO	NAME of FACULTY	SR.NO	NAME of FACULTY
1	Dr. Achal S. Shahare	13	Mr. Khushal G. Sonawane
2	Dr. Anil Sahu	14	Mr. Shailesh Khekade
3	Mr. S.M.Sheikh	15	Mr. Ashish Raghtate
4	Mr. T.C.Parshiwani	16	Mr. Mohsin Sheikh
5	Mr. P.N Awachat	17	Mr.Prakash Awasarmol
6	Mr. S.A.Thote	18	Mr. Suhaib Sheikh
7	Mr. Nilesh C. Kanojiya	19	Mr. Gagandeep Singh Bhuye
8	Ms.Arati D.Wasnik	20	Ms. Kalyani Sengar
9	Mr. Ashish W. Bhagat	21	Mrs. Seema Rewatkar
10	Mr. Manish P. Nasre	22	Mr. Sumit Karanjkar
11	Mr. Ashish K. Mokashi	23	Mr. Nilesh Balki
12	Mr. Manish Moroliya		

## Notice for Staff Members for visiting at Ashok Leland Bhandara on 16<sup>th</sup> Nov. 16



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**Mechanical Engineering Department** Date: 15/11/2016

To  
The Principal  
GHRAET, Nagpur

Subject : Permission for Industrial Visit to Ashok Leyland Bhandara

Respected Sir

The staff of Mechanical department has successfully completed one day training on 15/12/2016 at Ashok Leyland Training center GHRAET, Nagpur. In view of further training and hands of experience the Industrial Visit of staff members has been organized at Ashok Leyland Bhandara on Wednesday 16<sup>th</sup> November 2016 .So I request you to grant the permission for the said visit.

**The list of staff members visiting the Ashok Leyland Factory, Bhandara**


Sr.No	NAME of FACULTY
1	GAGANDEEP BHUYE
2	KHUSHAL SONWANE
3	MANISH NASRE
4	ASHISH BHAGAT
5	ASHISH MOKASHI
6	KALYANI SENGAR
7	AARTI WASNIK
8	SUMIT KARANJEKAR
9	MANISH MOROLIYA
10	MOHSIN SHEIKH
11	PRAKASH AWASARMOL
12	SEEMA REWATKAR
13	SHAILESH KHEKALE
14	NILESH BALKI
15	ASHISH RAGHATATE
16	SUHAIB SHAIKH

Thanking you sir  
Yours faithfully  
*[Signature]*  
Head of Department  
Department of Mechanical Engineering  
GHRAET, Nagpur

*Forwarded to Establishment Sec*  
*[Signature]*  
15/11/16

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## Travel Details



## Staff Feedback

Industrial visit to **Ashok Leyland, Bhandara** was organized by GHRAET, Nagpur for the faculties of Mechanical Engineering Department.

We are sure that this visit will help us in our future practical life and bring a positive change in our thinking and practical behaviour regarding Technical Education and specially Recent Manufacturing Engineering.

We, the Faculties of Mechanical Engineering Department are extremely thankful to Hon. Principal **Dr. S. R. Vaishnav** and HOD of Mechanical Engineering Department **Dr. Achal S. Shahare**. We would like to specially thank **Dr. Anil Sahu**, Chief Co-ordinator of this industrial visit for providing a full-fledged support in all aspects during the entire visit.

## PREPARED BY

**Mr. Nilesh C Kanojiya**  
(Industrial Visit Incharge.)  
Assistant Professor, Mech. Dept

**Dr. Anil R. A Sahu**  
(Chief Co-ordinator)  
Professor. Mech. Dept.