



**MAEER's
MIT COLLEGE OF RAILWAY ENGINEERING &
RESEARCH
(MITCORER)**

Academic Year 2017-18

A Brief Report on
“Railway Workshop Visit at Kurduvadi”

Date: 9th & 10th January 2018

Time: 10 am to 3pm

Venue: Railway Workshop, Kurduvadi

Technical Head

Er. Vijaysinh Dadas
Works Manager, Kurduvadi Railway Workshop, CR

Visit Coordinator

Prof. Dr. Ajam Shaikh
Prof. VV Bhosale
MITCORER, Barshi

Agenda of the Visit

To provide students the real insight of working procedure at Railway Workshop.

Report on

“Railway Workshop Visit at Kurduvadi”

As part of Curriculum of **Fundamentals of Railway Engineering-I** of FE, Student Industrial visit was organized by **MAEER's MIT College of Railway Engineering & Research, Barshi** as to provide students the real insight of working procedure at **Railway Workshop Kurduvadi**. A batch of 22 students with Faculty Prof VV Bhosale and Dr Ajam Shaikh attended the workshop between 9th January and 10th January 2018.

About Railway Workshop Kurduvadi -

History- History: Kurduvadi Workshop was set up for the repair of narrow gauge steam locomotives, coaches and wagons by Barshi Light Railway in 1930. Kurduvadi Workshop now undertakes maintenance and repair of broad-gauge wagons (rehabilitation of 10 broad gauge wagons per month).

Work Details -

Kurduvadi Workshop now undertakes rehabilitation of 10 broad gauge wagons per month.

Sr.No	Section of Workshop	Brief Work Details
1.	Broad gauge Periodic Overhauling section(POH)	Carry out POH(Periodic overhaul) of wagons like BOXN, BOXNHL, BOBYN, BCN, BOST, BRN, BCCW.
2.	Broad gauge Wagon rehabilitation section	Carry out mid-life repair, i.e. rehabilitation of BOXN wagons
3.	Machine Shop	Ancillary shop to other shops
4.	Narrow gauge coach manufacturing section	Carryout POH activities and MLR of narrow gauge coaches
5.	Wheel and CTRB shop	Carry out the overhauling of CTRBs, profiling of wheels, mounting and dismounting of wheel disc, axel turning and disc boring activities

Beneficial exposures to our Railway Engineering students:

1. Railway Workshop visit helps them gain hands-on experience of how industry operations are executed
2. Recognize the process units and chalk out the process flow diagram
3. Students are able to better identify their prospective areas of work in the overall organizational functions
4. Students become more aware of the Railway Workshop practices and regulations
5. Helps them see their future place in the world of Railway Engineering
6. While doing any experiments or projects, it is more important to have practical knowledge. It is gained by observing real life scenarios. In Railway Engineering this is possible only by visiting the industrial workshops.

List of models/workshop equipment demonstrated –

Following are unique machines, which are used only in Railway Workshops.

Sr.No	Equipment Nomenclature	Application
1.	Wheel lathe machine	To machine the railway wheel
2.	Hydraulic press machine	To mount and dismount the wheel disc
3.	CTRB	To identify defective bearing

Dr. Ajam Shaikh/Prof. VV Bhosale
Visit Co-ordinator/s

Mr. Nilesh Bahadure
I/C Principal

Visit Photographs



Technician Explaining MITCORER students



**Felicitation of Works Manager Vijaysinh Dadas by
Prof VV Bhosale**
Visit Photographs



Technical talk by Er Vijaysinh Dadas



Group Photo at the end of Workshop Visit