

Train Components Identification



INTRODUCTION

- MVIS is innovated jointly by
 - DFCCIL / Indian Railways
 - 。 IISc
 - IISc Startup for Railways
- It is designed to automate the inspection process for rolling stock.
- The system integrates advanced computer vision, Al & ML, object detection, IoT, and advanced cloud computing techniques.

FEATURES

- Real-time System
- SMS alerts, Web based alerts
- Improved safety measures
- 24/7 monitoring in all weather conditions



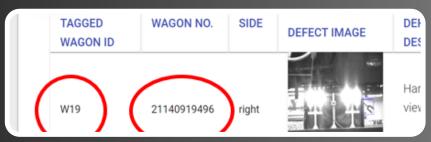




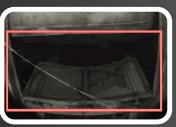
Hanging part

Our current system can identify the following defects with precise location information:

- Open wagon doors
- Wagon number & Loco number
- Hanging parts
- **Defective EM pad**
- Missing/Broken Spring Assembly
- Missing axle cover or end cap screws
- Undercarriage defects



Graphical User Interface



Open Wagon Door



Missing end cap screws





bd2@l2mrail.com