

CV LECTURERS

NAME (TITLE) : Ir. HARI BOEDI WAHJONO, MT
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ORGANIZATION : PTDI-STTD
UNIT



EDUCATION BACKGROUND & SPECIALIZATION:

1. Elementary School - SD Sriwedari Malang
2. Junior High School - SMPN 1 Malang
3. Senior High School - SMAN 1 Malang
4. S1 Mechanical Engineering - National Institute of Technology Malang
5. S2 Master Automotive Engineering - Pancasila University, Jakarta

WORK EXPERIENCE PLACEMENT (LAST 5 YEARS)

Indonesian Railway Polytechnic Madiun (2014 – 2022)

MAJOR LECTURING EXPERIENCES:

1. Internal Combustion Engine (ICE)
2. Vehicle Engineering
3. Vehicle Testing
4. Machine Element
5. Rolling Stock

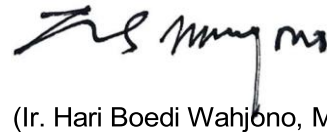
RESEARCH FIELDS:

1. Vehicle Engineering
2. Surface Treatment Technology
3. Rolling Stock

JOURNALS AND BOOKS PUBLISHED:

1. Prototype Design for Automatic Surface Treatment Technology to Increase the Durability of Railways
2. The Effect of Material Exposure Variations on Energy Absorption Capability and Pattern of Deformation Material of Crash Box of Three Segments.
3. Comparison of the Use of High-Speed Diesel and Bio Solar Fuels on Exhaust Emissions

4. The Effect of Air Pressure in the Electric Train's (KRL) Braking System on Wheel Damage
5. The Effect Of Material Exposure Variations On Energy Absorption Capability And pattern Of Deformation Material Of Crash Box Of Three Segments
6. Macrostructural and mechanical properties of rails clad by automatic flame treatment
7. Experimental Quasi-Static Test for the Energy Absorber Tube in High-Speed Train (HST)
8. Feasibility Analysis of Excavator Vaia Car (Special Equipment) Engine Oil at the Ngrombo Railway Maintenance Center
9. The effect of heating surface treatment by oxy-acetylene gas on the microstructure and hardness of the UIC R42 rail
10. Experimental harvesting renewable energy savonius wind turbine for semboyan 21 on railway
11. Technical Analysis of 10-inch and 12-inch Brake Cylinder in Open Carriage (Case Study: Open Carriage in Surabaya Yasa Balai Gubeng)
12. The Influence of Temperature And Lubrication Variation On The Dimension Change In Ring Compression Test Using Ansys Software



(Ir. Hari Boedi Wahjono, MT)