

SARANA DAN PRASARANA

▪ FASILITAS GEDUNG



RUANG KULIAH
Gedung Utama Lt.II



JURUSAN TEKNIK MESIN
Gedung Utama Lt.II



LAB.PENGELASAN & FABRIKASI LOGAM



LAB.OTOMOTIF
(Unit Roda Dua)



- LAB. OTOMOTIF (Unit Roda Empat)
- LAB. CNC/CAD/CAM/MTS
- LAB. UJI BAHAN DAN METROLOGI
- LAB. PNEUMATIK/HIDROLIK, DAN MEKATRONIKA
- LAB. ELEKTROPLATING



- LAB. PRODUKSI DAN PEMESINAN
- LAB. PERAWATAN
- LAB. INDUSTRI

▪ LABORATORIUM

Laboratorium Produksi dan Permesinan

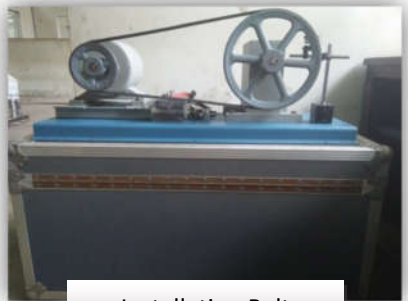


- Boring Machine Bench, TNW Type 16
- Hydraulic Cylindrical Grinding Machine, Tschudin HTG 610
- Gear Hobbing Machine
- Shearing Machine, Endman/SH-45
- Grafir Machine
- Lead Screw Lathe, Pindad PL 1000 G
- Drill grinding Machine Benc

Laboratorium Perawatan



Installation Bearing



Installation Belt



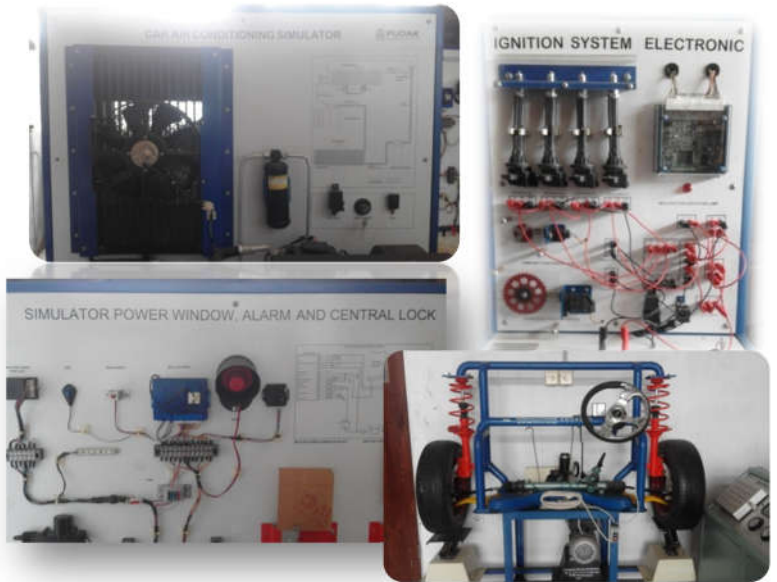
Alignment Pump

Laboratorium CNC/CAD/CAM/MTS



- CNC Lathe Small
- CNC Universal Milling Machine Small
- CAD/CAM-MTS
- CAD/CAM/CAE-CATIA
- EMCO VMC-200
- EMCOVMC-100

Laboratorium Otomotif



- 4 Stroke Gasoline engine structure educational system
- 4 Stroke Diesel engine structure educational system
- Power Steering Simulation educational System
- SICAM Wheel alignment /Spooring
- Exhaust Analyzer + smokemeter for Diesel Engine
- Engine Analyzer
- Simulator Power Window, Alarm and central lock
- Ignition System Electronic
- Cair Air Conditioning Simulator
- Car Changing System Simulator

Laboratorium Pengelasan dan Fabrikasi Logam



PI 250



PI 500 Plasma



Sigma Galaxy



RallyMIG 161i



Welding Equipment :

- MMA Process
- Oxy-Acetylene Welding
- Tungsten Inert Gas (TIG) Process
- Metal Inert Gas (MIG) Process
- Metal Active Gas (MAG) Process
- Plasma Cutting

Laboratorium Uji Bahan dan Metrologi



- Tensile & Bending Machine
- Torsion Machine
- Impact/Charpy Machine
- Metallography Tester
- Hardness Tester
- Heat Treatment Furnace

Laboratorium Pneumatik, Hidrolik dan Mekatronika



- Pneumatic Equipment Set FESTO
- Basic Training Hydraulics FESTO
- Pneumatik Dasar, Elektro Pneumatik, & PLC
- TP101, TP 102, TP 201, TP 202
- Hidrolik
- Electro Pneumatic TP 501

Laboratorium Non Destructive Test (NDT)



- ERESKO MF4
- Reliable, Lightweight ,
- Portable X-Ray Generator
- Viewer Interpreter Remsco SB 900 XIN
- Magnetic Particle Inspection
- Ultrasonic Flaw Detector
- Thickness GE USM GO +DMS GO
- Combined Hardness Tester GE Krautkramer MIC 2

Laboratorium Perancangan



- 24 Sets Computer
- LCD Projector
- Printer

Laboratorium Industri



- Hydraulic Open Circuit Training Bench
Product Hannover – MESSE 2017

Laboratorium Electroplating



Anodizing Heater SIEMEN 1200 °C