

Fasilitas Lab

NO	URAIAN	JURUSAN		
		TEKNIK MESIN	TEKNIK ELEKTRO	TEKNIK INFORMATIKA
1.	Lahan	1500m ²	1000 m ²	1000 m ²
2.	Bangunan	1300 m ²	750m ²	750m ²
3.	Fasilitas Laboratorium	<p><u>Machine Shope:</u></p> <ul style="list-style-type: none"> • 2 CNC Turning Machine. • 2 CNC Milling Machine. • 4 Univesal Milling Machine. • 4 Auto. Turning Machine. • 4 Drilling & Milling Machine. • 1 Cilindry. grinding Machine. • 1 Surfase grinding Machine. <p><u>Sheetmetall Shope:</u></p> <p>*2 Share Mach.</p> <ul style="list-style-type: none"> • 2 Bending Mach. • 1 Rolling Machine. • 2 Drilling Mach <p><u>Bench work Shope:</u></p> <ul style="list-style-type: none"> • 12 Set ragum. • 8 Set Work Teble. • 2 Drilling Mach <p><u>Welding Shope:</u></p> <ul style="list-style-type: none"> • 5 set stik welding • 2 set TIG weld • 2 set MIG welding • 1 set Asetilin welding • 1 set spot welding <p><u>Drawing Shope:</u></p> <ul style="list-style-type: none"> • 12 set PC • 12 set meja gambar <p><u>Heat Treatmen Shope:</u></p> <ul style="list-style-type: none"> • 1 set furnace • 1 set Rockwell Hardness Tester <p><u>Maintenance Shope:</u></p> <ul style="list-style-type: none"> • 4 set trener alignment <p><u>Coating Shope:</u></p> <ul style="list-style-type: none"> • 1 set manual coating 	<p><u>Measurment Instrument:</u></p> <ul style="list-style-type: none"> • 14 Digital Oscilloscope • 24 Analog Oscilloscope • 10 Digital Multimeter • 29 Analog Multimeter • 4 Analog Power Factor Meter • 4 Analog DC Volt Meter • 4 Analog Watt Meter Single Phase • 4 Watt Meter three Phase • 4 Galvano Meter • 8 Analog DC Ampere Meter • 4 Analog Frekuensi Meter • 2 Optical Tachometer • 2 PH/ORP/Temp Meter • 6 Digital Lightmeter • 2 Humidity & Temperature Meter • 2 Electromagnetic Field Tester • 2 CO₂ Analyzer Meter • 1 Earth Tester • LAN Cable Tester <p><u>Medical Measurment Instrument:</u></p>	<p><u>Lab Jaringan</u></p> <ul style="list-style-type: none"> • 1 LCD • 24 PC • 2 AC • 1 Rak Server • 1 Screen LCD <p><u>Lab Multimedia</u></p> <ul style="list-style-type: none"> • 27 PC • 1 Printer • 2 LCD <p><u>Lab Pemrograman</u></p> <ul style="list-style-type: none"> • 1 LCD • 24 PC <p><u>Lab Sistem Informasi</u></p> <ul style="list-style-type: none"> • 24 PC • 1 LCD <p><u>Lab Cisco</u></p> <ul style="list-style-type: none"> • 17 PC • 6 Router 1941 • 3 Router 1841 • 5 Switch 2960 24 TTL • 3 switch 2960 48 1 Tplink 48 port

		<p>Pengujian komposisi</p> <ul style="list-style-type: none"> o kimia o Pengujian struktur mikro o Mesin poles + monting o Mesin uji kekerasan (selain Rockwell Hardness Tester) o Mesin uji tarik o Mesin uji tekan o Mesin uji takik o Mesin uji bengkok o Mesin uji tekanan <p>Lab Pengujian NDT yang meliputi:</p> <p>Visual test</p> <ul style="list-style-type: none"> • Dye penetrant test • Magnetic particle test • Ultrasonic test • X-Ray test <p>Lab Pnumatik-Hidrolik</p> <ul style="list-style-type: none"> • Trener pnumetik • Trener hidrolik <p>Lab Metrologi Industri dan Kalibrasi</p> <p>Lab Mekanika Fluida</p> <p>Lab Maintenance Engine</p>	<ul style="list-style-type: none"> • Electromyogram (EMG) Measurment • Electrooculogram (EOG) Measurment • Electroencephalogram (EEG) Measurment • Blood Pressure Measurment • Photoplethysmogram Measurment • Respiratory Ventilation Detaction • Body Impedance Detection <p>Modul Trainer:</p> <ul style="list-style-type: none"> • 2 set Trainer Teknik Penggerak • 1 Set Trainer Pneumatic • 10 PLC (2 Omron dan 8 Siemens) • 13 Set Trainer Mikrokontroler • 1 SCADA Software • 2 Human Machine Interface • 2 Inverter Motor (1 dan 3 Phase) • 2 Set Modul Trainer Dasar Elektro. • 1 CNC Router • 13 Set Komputer Pemrograman dan Jaringan 	
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