

DAFTAR PROYEK YANG PERNAH DITANGANI PT. INFIMECH HARMONI TEKNOLOGI

TAHUN	NAMA PROYEK	INSTITUSI
2024	Analisis Pemodelan Biomassa dengan BiomassgasificationFoam	UI
2024	Oscilating Water Coloumn Desain dengan Helmholtz Resonator	ITS
2024	Pemodelan Simulasi Kebisingan pada Bangunan Kapal Roro	PT. PAL - PPNS
2024	Analisis Performa Boiler pada Desain Model Furnace Miring	PT. Indonesia Power
2024	Analisis Performa Kadar Kimia pada Batu Bara untuk Boiler	PT. Berau Coal
2024	Simulasi Performa Brake Tulip Circuit	PT. PLN Puslitbang
2024	Simulasi Performa Tangki Penyimpan Air dengan Kapasitas 42 kubik	PT. Bintang Timur Anugerah
2024	Analisa Desain dan Perbandingan Software CFD pada OWC	BRIN - BPPT
2024	Analisis ETTV Kemampuan Dinding dalam Menahan Panas	PT. Matin Perkasa
2024	Simulasi CFD Performa Pompa dan Desain Aliran Pipa Air Minum	PT. Supraharmonia C
2024	Analisis Performa Desain Penampung Air dengan Karbon	PT. Adhi Karya Persada
2023	Analisis Numerik Performa Data Center Hall SMEP Tier 3 Lantai 2	PT. Matin Perkasa
2023	Analisis Performa Aliran Fluida pada Sucker Rod Hub Modification	PT. Pertamina Hulu Rokan
2023	Analisis Numerik Performa Data Center Hall SMEP Tier 3 Lantai 1	PT. Matin Perkasa
2023	Analisis Numerik Performa Insulasi Dinding Pada Data Center Hall	PT. Seax Indonesia Pratama
2023	Analisis Numerik Performa Bangunan Golf	PT. Simtex Mechatronic Indojoya
2023	Model CFD Ruang Greenbuilding Karawang Mall	PT. Simtex Mechatronic Indojoya
2023	Analisis Performa Ruang Data Center dan Isolasi	PT. Matin Perkasa
2023	Analysis Ducting pada Reheater Model Optimisasi Flue Gas	PT. REB
2023	Pemodelan Performa Data Center dan Sistem Penghawaan	PT. Jaya Teknik Indonesia
2023	Simulasi CFD Thermal Water Storage Model Discharging	PT. BTA
2023	Analysis Ducting Model Reheater Model	PT. Semen Gresik
2023	Pemodelan Numerik pada Perpipaian Minyak Aromatik	PT. Berkah Mekatek Jaya
2023	Analysis of Wind Flow and HVLS for Cooling System Karawang Mall	Meindhart
2023	Air Flow Conditionar and HVAC Model for Public Mall	ARUP
2023	Revamp Design of Reheating Model For Flue Gas Model	PT. Timas Suplindo
2023	Analysis Performance of HRSG Aromatic Refinery	PT. REB
2022	Design Analysis Geometry of Economizer	PT. IKPT
2022	Analisis Pemodelan Thermal Storage Tank dalam Distribusi Air	PT. BTA
2022	Analisis Struktur Tangki Penyimpanan Minyak Mentah	PT. BTA
2022	Modelling Performance Heat Transfer of Fitting Heat Exchanger	PT. WIKA
2022	Analisis Pemodelan Thermal Storage Tank dengan Variasi Debit Intake	PT. BTA
2022	Analysis of Turbomachinery Performance with Various Shroud	PT. Medco Energy
2022	Modelling Performance of Amdae Oil Pump	PT. Tracon Industry
2022	Analysis Centrifugal Blade for Redesign Model	PT. TGE
2022	CFD Modelling of Jatibarang Dam Break Model	PT. Supraharmonia C
2022	Analysis Performing of Blade Modified and Existing Centrifugal Pump	PT. Pupuk Indonesia
2022	Motion Modification Model FEA simulation	PT. Pertamina Hulu Rokan
2022	Simulasi Model Penghawaan Sub Tropis Hidroponik	Unsoed
2022	Simulasi Pemodelan Molten Salt Heat Removal	ITB
2022	Pemodelan Simulasi Microbubble Model dengan Water Injection	BRIN - LIPI
2022	Simulasi Corrugated Heat Exchanger dengan Modifikasi Permukaan	MEPHI (Moscow)
2022	Modelling Analisis Penghawaan Ruang Hotel	PT. ATRIA HOTEL
2022	TAC Modelling HVAC	UNILA (LAMPUNG)
2022	Modelling System Thermosiphone dan Wind Turbine	ITB
2022	Modelling Analisis Kekuatan Rangka Sepeda Listrik E-Max	PT. JUARA BIKE
2022	Modelling Analisis Gasifier Pyrolysis Model	UI
2022	Numerikal Model Static Kenics Mixer PT. Rich Cream	PT. Rich Cream
2022	Simulasi Aliran Von Karman pada Cylinder	PT. Samator Gas
2022	Simulasi Pemodelan Portable LSHX Western Electric	PT. Western Electric Indonesia
2022	Modelling Analisis Proton Exchange Membrane Fuel Cell	PENS
2022	Simulasi Analisis Performa Pressure Vessel LNG PT. PGN	PT. PGN
2021	Modelling Analisis ISO Speed Carborator	Angkatan Udara
2021	Analisis Pemodelan Momod Sucker Rod PT. Pertamina Hulu Rokan	PT. Pertamina Hulu Rokan
2021	Analisis Optimasi dan Re desain Lay Out Cooling Pipe	PT. Geodipa Energy
2021	Modelling Rumah Pompa Ancol Sentiong dan Analisis Ketahanan Resiko Bangunan	PT. Wijaya Karya KSO
2021	Model Numerik Pemurni Air dengan Prinsip UV dan AOP	PT. Liepzig Textile

2022	Modelling Analysis of Proton Exchange Membrane Fuel Cell with Various Temperature and Molarity Liquid	(PENS)
2022	Numerical Model Flow Over the Cylinder Von Karman Model	(PT. Samator Gas, Indonesia)
2022	Model Analisis Numerik pada Penghawaan Sistem Hidroponik	(Unsoed, Indonesia)
2021	Numerical Model Cavitation Analysis of Turbine Water Pump	(Yonsei University, South Korea)
2021	Analisis Pengaruh Kemiringan Sudut Pitch Terhadap Homogenisasi Produk Campuran Cream	(PT. Rich, Indonesia)
2021	Modelling Bubbling Model for Rice Husk Reactor Model Biomassa	(UI, Indonesia)
2021	Modelling Analysis of Advance Oxidation Process and Ultrasonic Model for Waste Water Treatment	(ITB, Indonesia)
2021	Numerical Model of Nanobubble Generation of Water Purifier	(BRIN, Indonesia)
2021	Mesh Manipulation with Inflation and Adaption of Vertical Axis Water Turbin	(ITS, Indonesia)
2021	Modelling Viscous Model Over the Cylinder with K-epsilon Viscous Model	(PT. Samator Gas, Indonesia)
2021	Design of Hydrokinetics Water Turbine for Energy Generating	(ITS, Indonesia)
2021	Numerical Simulation of Constrained Melting of Phase Change Material in inclined Rectangular Enclosure	(UB, Indonesia)
2021	Modelling and Analysis of Pressure Drop Pipe Existing Pump Station	(PT. Jaya Konstruksi, Indonesia)
2021	Phase Change Model for Lauric Acid and Calcium Chloride Hexa-Hydrate	(UB, Indonesia)
2021	Numerical Model of Wankel Rotating Engine for Refrigerator of Reactor	(University of Birmingham, UK)
2021	Design and Modelling Shell Tube Corrugated Heat Exchanger	(MEPhi, Rusia)
2021	Flow Simulation for Spillway Jatibarang Dam and Dam Break Model	(PT. Brantas Abipraya, Indonesia)
2021	Numerical Investigation High Pressure Steam Ejector (Compressible Flow Case)	(UGM, Indonesia)
2021	Optimasi Flat Plate Heat Exchanger dengan Model Computational Fluid Dynamics	(PT. Pertamina, Indonesia)
2021	Design and Analysis Water Treatment Plant - Waste Water Treatment Plant Bakauheni Harbour City, Lampung	(PUPR,
2021	Design of Portable Grain Dryer Multi-Capacity	(Kementrian Desa dan Daerah Tertinggal, Indonesia)
2020	Numerical Analysis of Refrigeration System using LSHX,	Universitas Pancasila
2020	Numerical Analysis of Horizontal Axis Wind Turbine	(National Taiwan University, Taiwan)
2020	Design and Optimization of Nuclear Reactor for Using CFD Analysis,	(Politechnica Wroklawska, Poland)
2020	CFD Simulation of HVAC in Tata Bus Cabin Type 713	(Tata Bus, India)
2020	Shipping Vertical Multistage Centrifugal Pump Simulation Using Discrete Element Method	(PKHT - UGM)
2020	Modelling Boiler System Analysis for Multi Mesh Editing	(Universitas Gajah Mada, Indonesia)
2020	Design of Heating Plate and Pipe Twist for Thermo-Hydraulic Analysis	(RKIT, India)
2020	Frame and Aerodynamic Analysis of Mitsubishi FE 71	(Dinas Perhubungan Kota Tangerang, Indonesia)
2020	Diameter Effect on Steam Quality of Multiphase Flow in PLTP Unit V Kamojang,	(Universitas Gajah Mada - PT. PLN,
2020	Finite Element Analysis of Pressure Vessel Slug	(Universitas Negeri Malang, Indonesia)
2020	Design and Optimization R407C & R404C refrigerant for Portable Chiller	(PT Western Electric, Indonesia)
2020	Numerical Analysis of Refrigeration System using LSHX	(Universitas Pancasila, Indonesia)
2020	Numerical Analysis of Multi-thick Chasing Wall of Water Heater with Rockwool and Glasswool Material	(ITS, Indonesia)
2020	Design of Pebble Bed Modular Reactor and Numerical Analysis	(University of Michigan, US)
2019	Numerical Analysis of Wave Shape Blade VAWT	(Universitas Siliwangi, Indonesia)
2019	Design and Optimization Design of Water Funnel for Hydro-Kinetics Power Plant	(Ministry of Energy and Mineral
2019	Effect of Mach and Reynolds Number on Heat Transfer of Diffusing Compressor Cascade Airfoil Heat Exchanger	(UGM, Indonesia)
2019	Numerical Analysis of Intercooler and Recuperator System of Compressor Gas Turbine	(Tokyo Tech, Japan)
2019	Optimization Design of Funnel Effect of Hydrokinetics Power Plant	(ESDM, Indonesia)
2019	High Speed Compressible Flow Analysis of Heat Air Foil Exchanger,	(U-Tokyo, Japan)
2016	Blade Design for Horizontal Axis Wind Turbine with AoA and Enlargement Area of Blade	(UGM, Indonesia)
2015	Hybrid Renewable Power Plant of Solar Cell and VAWT,	UGM