

**PUBLIKASI DI JURNAL NASIONAL TIDAK TERAKREDITASI
PROGRAM STUDI MAGISTER TEKNIK MESIN FTUP**

TAHUN 2023/2024

NO	JUDUL	NAMA JURNAL	NAMA DOSEN	URL
1	Analisis Perlakuan Temperatur Pada Limbah Kopi Terhadap Produksi Hidrogen	Kohesi: Jurnal Sains dan Teknologi	Bima Himawan, Abid Fahreza Alphanoda, Agri Suwandi	https://ejournal.warunayama.org/index.php/kohesi/article/view/2695
2	Peningkatan Pengetahuan Siswa MAN 2 Jepara Tentang Desa Wisata Tempur	Abdi Impelementasi Pancasila	Dino Rimantho, Vector Anggit P, Agri Suwandi	https://journal.univpancasila.ac.id/index.php/abdi/article/view/5861
3	Fixture gono-go insert striker seat lock seabagai alat bantu pengecekan quality control	Abdi Impelementasi Pancasila	Dede Lia Zariatn, Zam Zam Tijani, Wina Libyawati, Agri Suwandi	https://journal.univpancasila.ac.id/index.php/abdi/article/view/6102

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1	Peningkatan Pemahaman Dalam Pengelolaan Sampah Melalui Bank Sampah Di Desa Tempur Kecamatan Keling	Jurnal Janata	Dino Rimantho, Budhi M Suyitno, Vector Anggit Pratomo, Gunady Haryanto, I Nyoman Teguh Prasidha, Nungky Puspita, Viola Rosa Emawardani, Adventia Desivolia, Pandito Adiguna, Muhammad Daffa Fauzan	https://journal.univpancasila.ac.id/index.php/JANATA/article/view/4255
2	Peningkatan Pengetahuan Budidaya Maggot BSF Di Desa Tempur-Kec. Keling, Kabupaten Jepara	AMMA : Jurnal Pengabdian Masyarakat	Dino Rimantho, Budhi M Suyitno, Vector Anggit Pratomo, Gunady Haryanto, I Nyoman Teguh Prasidha, Nungky Puspita, Amalia Kusumawati, Guntur Setia A, Ardhika arli W, Najwa Orchdhya P	https://sisdam.univpancasila.ac.id/uploads/repository/hasil_review/Hasil_Review-22122022091257.pdf

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1	The Role of Banana Peel Surface Pores through Increasing Temperature for Efficient Hydrogen Production	Journal of Mechanical Engineering Science and Technology	Abid Fahreza Alphanoda, Erlanda Augupta Pane, Agus Riyanto, Avita Ayu Permanasari	https://journal2.um.ac.id/index.php/jmest/article/view/54961
2	Analisis Energi Pelet Biomassa Berbahan Baku Ampas Kopi Dengan Perekat Bubur Kertas	Teknobiz	Muhamad Hafiz, Ismail, Erlanda Augupta Pane	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/7839
3	Analisis Pengaruh Jarak dan Waktu Terhadap Tingkat Kebisingan di Pemukiman Akibat Sumber dari PLTU dengan Pendekatan Statistik	Teknobiz	Puguh triwinanto, Iqbal Romadona, Mumammad Ibrahim I, Rakha Edria P, Dwi Dian Rahmat M. P, Wina Libyawati	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/7848
4	Exploratory Factor Analysis for Developing Wheelchairs for Children with Cerebral Palsy	Asiimetrik	Dwi Rahmalina, Desinta Rahayu Ningtyas, Nur Yulianti Hidayah, Agri Suwandi, Dede Lia Zariatn, I Gede Eka Lesmana, Dhidik Mahandika, Susanto Sudiro	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/7769
5	Modifikasi Pitot Tube Static Dengan Dilengkapi Sensor Suhu Kelembaban, Anemometer Dan Alat Kemiringan Sudut Digital Pada Low Speed Tunnel Wt-400	Teknobiz	Adefersa Widyarto, Dede Lia Zariatn	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/8551
6	Modifikasi Perancangan Sandaran Kaki (Footrest) Yang Fleksibel Pada Kursi Roda Penyandang Disabilitas	Teknobiz	Dhidik Mahandika, Dwi Rahmalina, Susanto Sudiro, Adrian Reynaldi	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/8555
7	Analysis of The Effect of Electric Current Strength in Shield Metal Arc Welding on The Hardness, Impact and Microstructure of Stainless Steel 304	Teknobiz	Haitham Abozaian, Dwi Rahmalina	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/8557
8	Peran Limbah Serbuk Kayu Pada Peningkatan Kalor Briket	Teknobiz	Rahmat Tri Atmojo, Abid Fahreza	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/8560

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9	Analysis of Thermal Energy Storage Based on Phase Change of Sugar Alcohol Type Material for Solar Water Heater System	Teknobiz	Basuki Setiawan, Ilham Febriansyah, Ismail	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/8607
10	Pemanfaatan Limbah Kayu dan Kulit Kopi Menjadi Bahan Bakar Refuse Derived Fuel (RDF)	Teknobiz	Wahyudi Wahyudi, La Ode M. Firman	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/8667
11	Optimasi Treatment Pemanasan pada Proses Pengelasan Pipa Penstock	Teknobiz	Yani Kurniawan, Yudi Iswanto, Bambang Sulaksono	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/8537
12	Ketelitian Geometrik dan Unjuk Kerja Mesin Bubut Retrofit PL 1000 G dengan Kendali Numerik	Teknobiz	Mohammad Yunan Setyawan, Budhi M. Suyitno, Susanto Sudiro	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/8666
13	Modification of Stiffener Sidewall for 17 m ³ Capacity Dump Truck at PT. ABC	Teknobiz	Dhidik Mahandika, La Ode M Firman, Bambang Sulaksono, Erlanda Augupta Pane, Estu Prayogi, Al Diki Akbar Fitrianto	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/8947
14	Effect of Fins on Charging Performance – Release of a PCM-Based Thermal Energy Operating Simultaneously	Teknobiz	M. Abdul Musthofa, Budhi M. Suyitno	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/8668
15	Design of a Seaweed Draining and Drying Machine Using Hybrid Energy	Asiimetrik	Agri Suwandi, Alif Fachrudin, Djoko Setyanto	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/8636
16	Peningkatan Kemandirian Ekonomi Yayasan Sosial Melalui Teknologi Pengolahan Sampah Dan Ekonomi Digital	Jurnal Masyarakat Mandiri	Agri Suwandi, Dede Lia Zariatun, Susilawati Susilawati, Dhidik Mahandika	https://journal.ummat.ac.id/index.php/jmm/article/view/27538
17	Desiminasi Produk Teknologi Mekanik Pada Sekolah Kejuruan Dalam Proses Pembelajaran	Suluh	Erlanda Pane, Yani Kurniawan, Reza Abdu Rahman	https://journal.univpancasila.ac.id/index.php/SULUH/article/view/5473

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NO	JUDUL	NAMA JURNAL	NAMA DOSEN	URL
1	Analisis CFD Pengaruh Konfigurasi Sudu Rotor Turbin Angin Sumbu Vertikal Tipe Zephyr Dengan 16 Sudu Statis	Teknobiz: Jurnal Ilmiah Program Studi Magister Teknik Mesin	Andra Mawan, Ismail	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/5751

NO	JUDUL	NAMA JURNAL	NAMA DOSEN	URL
2	Increasing the feasibility and storage property of cellulose-based biomass by forming shape-stabilized briquette with hydrophobic compound	Case Studies in Chemical and Environmental Engineering	La Ode M Firman, Rizky Bayu Adji, Reza Abdu Rahman	https://www.sciencedirect.com/science/article/pii/S2666016423001482
3	Analisis Bahan Bakar BBM RON 90 dengan Bioaditif Serai Wangi pada Motor Bakar Empat Tak	Teknobiz: Jurnal Ilmiah Program Studi Magister Teknik Mesin	Agung Nugroho, Budhi Muliawan Suyitno	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/5750
4	Pengaruh Variasi Ukuran Celah Katup dengan Bahan Bakar Biodiesel (B35) Terhadap Emisi Gas Buang pada Mesin Diesel Tipe FE71PS 3908 cc	Teknobiz: Jurnal Ilmiah Program Studi Magister Teknik Mesin	Budhi Muliawan Suyitno, Indra Chandra Setiawan	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/5754
5	Analisis Kinerja Pompa Sentrifugal dengan Perlakuan Resurfacing	Teknobiz: Jurnal Ilmiah Program Studi Magister Teknik Mesin	Jabir Said, Dahmir Dahlan	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/5753
6	Peningkatan Performa Termal Phase Change Material dengan Komposit Berbasis Parafin/High-Density Polyethylene Melalui Penambahan Carbon Nanotube	TURBO : Jurnal Program Studi Teknik Mesin	Dwi Rahmalina, Isnaini Choirul Miftahudin, Ismail ismail	https://ojs.ummetro.ac.id/index.php/turbo/article/view/2813
7	Perancangan Mesin Pengupas Kulit Kabel Kapasitas 10kg/Jam	Teknobiz	Dhidik mahandika , Dwi Rahmalina , Teddy Setiawan	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/6534
8	Pemanfaatan Gas Buang (Syngas) Pada Proses Pirolisis Plastik Berkapasitas 10 kg	Teknobiz	La Ode M Firman, Angga Panji Satria Pratama	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/6532
9	Optimasi Sudut Kemiringan Plafon Antara Pada Kemiringan Maksimal 15° Serta Penempatan Solar Cell Pada Bangunan Pengering Kayu Kapasitas 120 m3	Teknobiz	Aribima Pratama, La Ode M. Firman	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/6533
10	Pengaruh Penerapan Idle Stop pada Kendaraan Roda 2 Terhadap Konsumsi Bahan Bakar dan Emisi di Kota Tangerang Selatan	Teknobiz	Jafar Wahid, Budhi Muliawan Suyitno, Indra Chandra Setiawan	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/6536
11	Desain Pre-Filter dan Optimasi Tekanan, Jumlah Filter, Operasional Guide Vane Terhadap Konsumsi Listrik Kompresor	Teknobiz	Roni Eko Yuwono, Indra Chandra Setiawan	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/7179

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12	Analisis Pengaruh Gap Medan Magnet dengan Variasi Diameter Penampang dan Lilitan Kumputan Terhadap Performa yang dihasilkan pada Energy Harvesting Linier Elektromagnetik	Teknobiz	Ahmad Faishal Mufadhol, Budhi Muliawan Suyitno, Dwi Rahmalina	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/7175
13	PIROLISIS MENGGUNAKAN SCREW SEBAGAI PRESSURE DROP DAN SIRIP PADA KONDENSOR	Jurnal Rekayasa Mesin	Erlanda Augupta Pane, Stevanus Budi Raharjo, Ismail	https://rekayasamesin.ub.ac.id/index.php/rm/article/view/1591
14	Implementasi Teknologi Rumah Pengering Hybrid untuk Mendukung Proses Pengeringan Ikan di Desa Terapung, Buton Tengah	Bernas	Reza Abdu Rahman, Dwi Rahmalina, Agri Suwandi, Nia Rachmawati, Aulia Keiko H	https://ejournal.unma.ac.id/index.php/bernas/article/view/7386

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1	Peningkatan Daya Saing Umkm Produk Makanan Ringan Melalui Diseminasi Teknologi	Suluh	Agri Suwandi, Dwi Rahmalina, Susilawati, Endang Rudiatin	https://journal.univpancasila.ac.id/index.php/SULUH/article/view/4108
2	Peningkatan Pengetahuan Pengelolaan Sampah Pada Masyarakat	Jurnal Masyarakat Mandiri	Dino Rimantho, Agri Suwandi, Vector Anggit Pratomo	https://journal.ummat.ac.id/index.php/jmm/article/view/16432
3	Rancang Bangun Generator Listrik Alternatif Bertenaga Baterai Dan Flywheel Untuk Kapal 3 Gt Nelayan Kreung Aceh	Buletin Jalanidhitah Sarva Jivitam	Juliardi Juliardi, Maimun Maimun, Dahmir Dahlan, Henry Iskandar Mardiyantoro	http://ejournal-balitbang.kkp.go.id/index.php/JSJ/article/view/11325
4	Metode Pendinginan Cepat Proses Pendinginan pada Produk Hasil Proses Tempa	Teknobiz	Budhi Muliawan Suyitno, Muhammad Arifin Dwi Admoko, Reza Abdu Rahman, Ismail	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/4254
5	Performance of an Alternative Generator Powered by Battery and Flywheel For Light Fishing Boats 3 Gt Fishermen Krueng Aceh	Jurnal Bluefin Fisheries	Juliardi Juliardi, Maimun Maimun, Dahmir Dahlan, Darmawan Darmawan, Barokah Barokah, M.Iqbal Himam	https://www.journal.poltekkp-bitung.ac.id/index.php/JBF/article/view/134
6	Perancangan Mesin Pembuat Tepung Jagung Kapasitas 5 kg/jam dengan Metode Pahl dan Beitz	Asiimetrik	Mohammad Galang Adi Prayoga, Dahmir Dahlan, Arif Riyadi Tatak	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/4143

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7	Analisis Kerusakan Pada Permukaan Roda Kereta Rel Listrik	Asiimetrik	Muhammad Ardiansyah, Dwi Rahmalina	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/4272
8	Evaluasi Ergonomi pada Kursi Roda untuk Anak Cerebral Palsy Menggunakan Digital Human Modeling	Asiimetrik	Dwi Rahmalina, Desinta Rahayu Ningtyas, Nur Yulianti Hidayah, Agri Suwandi, Dede Lia Zariatun, I Gede Eka Lesmana Lesmana, Dhidik Mahandika, Susanto Sudiro	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/4369
9	Optimasi Kapasitas Lantai Produksi Melalui Peningkatan Penerapan Preventive Maintenance Kasus Produksi Line Tile Keramik	Teknobiz	Taufik Hidayat, Susanto Sudiro	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/4842
10	Automasi Sistem Load/Unload (LUL) Benda Kerja pada Proses Cold Forging Menggunakan Pendekatan Sistematis	Teknobiz	Fitra Vertikal, Susanto Sudiro	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/4847
11	Modifikasi Mekanisme Penggerak Pada Modul Penggerak Concentrated Solar Power Tipe Parabolic Dish	Teknobiz	Dhidik mahandika, Dwi Rahmalina, Naufal Rifqi Ramadhan	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/4848
12	Analisis Perbandingan Pemakaian Solar Cell dan Genset Sebagai Energi Alternatif Penggerak Motor Listrik Pada Pompa Air di Pabrik Pengolahan Kelapa Sawit	Teknobiz	Ebbit Purba, La Ode M. Firman	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/4849
13	Pengembangan Komposit Matrik Epoxy Melalui Penambahan Penguat Serat Rami dan Fiberglass dengan Variasi 2 – 4 wt%	Teknobiz	DENNY KARDIMAN, Dwi Rahmalina	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/5284
14	Pengembangan Material Bambu Untuk Pembuatan Bodi Speed Boat	Teknobiz	Andi Lamappasessu, Dwi Rahmalina	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/5291
15	Studi Kelayakan Jenis Baterai Kendaraan Listrik Roda Empat Dengan Metode Weighed Objective Untuk Program Kendaraan Listrik Di Indonesia	Teknobiz	Rahayu, Djoko W. Karmiadji, La Ode M. Firman	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/5292

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16	Pengembangan Alat Desalinasi Air Laut dengan Teknologi Thermal Energy Storage	Asiimetrik	Muhammad Abdul Munir, Reza Abdu Rahman , Dwi Rahmalina	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/4499
17	Efek Penambahan Penguat Serat Bambu Andong dan Serat Kaca pada Komposit untuk Aplikasi Badan Speed Boat	Asiimetrik	Daffa Alvian Iswandi, Andi Lamappasessu, Dwi Rahmalina	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/5123

**PUBLIKASI DI JURNAL INTERNASIONAL BEREPUTASI
PROGRAM STUDI MAGISTER TEKNIK MESIN FAKULTAS TEKNIK UNIVERSITAS**

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NO	JUDUL	NAMA JURNAL	NAMA DOSEN	URL
1	Charge/discharge Profiling of Organic Latent Heat Material Embedded in Polymer Matrix for Heat Energy System	Materials Science	Reza Abdu Rahman, Sulistyo, MSKTS Utomo, I Febriansyah, Ismail	https://www.matsc.ktu.lt/index.php/MatSc/article/view/36328
2	Experimental and Finite Element Study of Rollover Protection Structure for a 22-Seat Man Hauler Superstructure Vehicle	Automotive Experiences	M Gozali, Djoko W Karmiadji, Wina Libyawati, B Haryanto, M Masrur, A Setyawan, Wahyu Sulistiyo, Makmuri Nuramin, Anwar, Budi Susilo	https://journal.unimma.ac.id/index.php/AutomotiveExperiences/article/view/11380
3	The clearance effect of progressive punching on straight-plate implant quality	Results in Engineering	Yani Kurniawan, Wina Libyawati, Dede Lia Zariatn	https://www.sciencedirect.com/science/article/pii/S2590123025001513
4	Assessment The Effect Of Dies Stamping Process Parameters On The Performance Of Spring-Back And Spring-Go Defects In Galvanized Steel Sheet Materials.	Eastern-European Journal of Enterprise Technologies	Dwi Rahmalina, Ahmad Zamzami	https://www.researchgate.net/publication/391418797_Assessment_the_effect_of_dies_stamping_process_parameters_on_the_performance_of_spring-back_and_spring-go_defects_in_galvanized_steel_sheet_materials
5	Preliminary Functionality Assessment on Supercooling Suppression of Binary Polyol Mixture as Energy Material for Thermal System	Eurasian Journal of Physics and Functional Materials	Kuswana, La Ode Mohammad Firman, Robertus Dhimas Dhewangga Putra, Reza Abdu Rahman	https://www.ephys.kz/journal/vol9/iss2/1/
6	Optimizing bioethanol from sago dregs for Honai burner stoves: A case study in Papua	Journal of Mechatronics, Electrical Power, and Vehicular Technology	Johni Jonatan Numberi, Tiper Korneles Muwarberto Uniplaita, Agri Suwandi, Januar Parlaungan Siregar, Arifia Ekayuliana, Joni Joni, Pither Palamba, Marthen Liga	https://mev.brin.go.id/mev/article/view/1053
7	A feature extraction method for intelligent chatter detection in the milling process	Journal of Intelligent Manufacturing	K Jauhari, AZ Rahman, Mahfudz Al Huda, M Azka, A Widodo, T Prahasto	https://link.springer.com/article/10.1007/s10845-024-02486-0

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8	Improved Low Concentration Water Content Detection in Biodiesel Utilizing Phase-Shift-Based Capacitive Method	IEEE Sensors Journal	Hari Sumartono; Mahfudz Al Huda; Berkah Fajar TK; Achmad Widodo; Fatih Dzulfikar; Nacep Suryana	https://ieeexplore.ieee.org/abstract/document/10735092
9	A hybrid deep learning-based approach for on-line chatter detection in milling using deep stem-inception networks and residual channel-spatial attention mechanisms	Mechanical Systems and Signal Processing	Khairul Jauhari, Achmad Zaki Rahman, Mahfudz Al Huda, Achmad Widodo, Toni Prahasto	https://www.sciencedirect.com/science/article/abs/pii/S0888327025000585

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1	Preliminary Characterization and thermal evaluation of a direct contact cascaded immiscible inorganic salt/high-density polyethylene as moderate temperature heat storage material	Results in Materials	Budhi Muliawan Suyitno, Rani Anggrainy, Nicco Plamonia, Reza Abdu Rahman	https://www.sciencedirect.com/science/article/pii/S2590048X2300081X
2	Hybrid energy-temperature method (HETM): A low-cost apparatus and reliable method for estimating the thermal capacity of solid-liquid phase change material for heat storage system	HardwareX	La Ode M Firman, Dwi Rahmalina, Reza Abdu Rahman	https://www.sciencedirect.com/science/article/pii/S2468067223001037
3	Maintaining high thermal response of carbon nanotubes after melting intensification in solid-liquid heat storage system	Carbon Trends	Dwi Rahmalina, Reza Abdu Rahman	https://www.sciencedirect.com/science/article/pii/S2667056923000494
4	The Effect of Liquidus Aging on The Performance of Phase-Stabilized Wax with Solid Nano Additives	Metallurgical and Materials Engineering	Dwi Rahmalina, La Ode Mohammad Firman, Ismail Ismail, Reza Abdu Rahman	https://www.metall-mater-eng.com/index.php/home/article/view/1037
5	Charge Assessment for Nitrate-Based Salt as a Phase Change Material for a Medium-Temperature Latent Storage Tank	Latvian Journal of Physics and Technical Sciences	Ismail, Y. I. Widodo, R. A. Rahman	https://sciendo.com/article/10.2478/lpts-2024-0006

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6	EVALUATION OF THE OPERATIONAL CURVE FOR HEAT STORAGE TECHNOLOGY USING N-OCTACOSANE/LOWDEN SITY AS A BINDING MATERIAL	Eastern-European Journal of Enterprise Technologies	Rahman, Reza Abdu; Sulistyo; Kartono Tony Suryo Utomo, Mohamad Said; Dhewangga Putra, Robertus Dhimas	https://openurl.ebsco.com/EPDB%3Agcd%3A9%3A29628249/detailv2?sid=ebsco%3Aplink%3Ascholar&id=ebsco%3Agcd%3A177128064&crl=c
7	Impact of Top Mold Slope on Defect Formation in Gravity Casting of Aluminum Alloy	Annales de Chimie Science des Matériaux	Hidayat, Ahya; Rahmalina, Dwi; Rahman, Reza Abdu	https://openurl.ebsco.com/EPDB%3Agcd%3A2%3A14013762/detailv2?sid=ebsco%3Aplink%3Ascholar&id=ebsco%3Agcd%3A175889592&crl=c
8	Investigation of Vertical Axis Wind Turbine Performance with Savonius Rotor on Air Ejector Dimensions using Computational Fluid Dynamics	CFD Letters	Ismail, Rinawati, Imam Muzaki	https://semarakilmu.com.my/journals/index.php/CFD_Letters/article/view/3433
9	Experimental Study on the Effect of Different HTF Discharges to Increase Efficiency of a Latent Heat Storage System Using a Spiral Coil Heat Exchanger with Different Fins	International Journal of Thermophysics	M. Syukur L. Syahbana, Yoga Kurniawan & Ismail Ismail	https://link.springer.com/article/10.1007/s10765-024-03373-9
10	Fueling the Future: The Case for Heavy-Duty Fuel Cell Electric Vehicles in Sustainable Transportation	Automotive Experiences	Indra Chandra Setiawan, Muji Setiyo	https://journal.unimma.ac.id/index.php/AutomotiveExperiences/article/view/11285
11	The Impact of Modified Atmosphere Storage Treatment on Glucose Levels and Mass Transfer Coefficients: A Study Based on Fruit Skin Thickness	Journal of Applied Engineering and Technological Science	Agri Suwandi, Wina Libyawati, Esti Mulatsari	https://journal.yrpiiku.com/index.php/jaets/article/view/3481
12	Investigation on the effect of operation of solar dryer technology according to the drying characteristic of dried product	EUREKA: Physics and Engineering	Reza Abdu Rahman, Sulistyo, M.S.K.Tony Suryo Utomo, Kaprian Rizki Gunawan, Ismail	https://www.journal.eur.eu/engineering/article/view/3291

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13	Experimental evaluation on the power characteristic of direct-photovoltaic charging for thermal storage equipment	Mechanical Engineering for Society and Industry	Reza Abdu Rahman, Sulisty, Mohamad Said Kartono Tony Suryo Utomo, Dimas Ragil, Budhi Muliawan Suyitno	https://journal.unimma.ac.id/index.php/mesi/article/view/11493
14	Section Editorial Fueling the Future: The Case for Heavy-Duty Fuel Cell Electric Vehicles in Sustainable Transportation	Automotive Experiences	Indra Chandra Setiawan, Muji Setiyo	https://journal.unimma.ac.id/index.php/AutomotiveExperiences/article/view/11285

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NO	JUDUL	NAMA JURNAL	NAMA DOSEN	URL
1	An experimental study on the development of multipurpose biomass burner for cooking stove and thermal generator for household application	Acta Innovations	Budhi Muliawan Suyitno, Ismail Ismail, Reza Abdu Rahman	https://www.cceol.com/search/article-detail?id=1092951
2	Testing on Experimental Equipment for Wood Drying And Air Flow Simulation in the Wood Drying Industry in Indonesia	International Journal Of Special Education (IJSE)	Arif Riyadi Tatak, La Ode Mohammad Firman, Budhi M Suyitno	https://sisdam.univpancasila.ac.id/uploads/repository/hasil_review/Hasil_Review-16052023201814.pdf
3	Strategies to achieve controlled auto-ignition (CAI) combustion: A review	Mechanical Engineering for Society and Industry	Ibham Veza, Indra C Setiawan, M Firman La Ode, Handi Handi, Ayu Amanah, Mega T Kurnia, Permana A Paristiawan, Muhammad Idris, Ahmed Sule, Anthony C Opia	https://journal.unimma.ac.id/index.php/mesi/article/view/7568
4	An open design for a low-cost open-loop subsonic wind tunnel for aerodynamic measurement and characterization	HardwareX	Ismail, Erlanda Augupta Pane, Reza Abdu Rahman	https://www.sciencedirect.com/science/article/pii/S2468067222000979
5	Increasing the reliability of biomass solid fuel combustion using a combined regenerative heat exchanger as an indirect burner	Eastern-European Journal of Enterprise Technologies	Alwinskyah Tunggul Ismail, Ismail, Reza Abdu Rahman	https://journals.uran.ua/eej/article/view/265803

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6	The assessment of reflector material durability for concentrated solar power based on environment exposure and accelerated aging test	Eastern-European Journal of Enterprise Technologies	Budhi Muliawan Suyitno, Reza Abdu Rahman, Hendri Sukma, Dwi Rahmalina	https://journals.uran.ua/eej-et/article/view/265678
7	Thermal Performance Assessment for an Active Latent Heat Storage Tank by Using Various Finned-Coil Heat Exchangers	International Journal of Heat & Technology	Ismail, M Syukur Liffan S, Reza Abdu Rahman	https://www.iieta.org/journals/ijht/paper/10.18280/ijht.400615
8	Increasing the charge/discharge rate for phase-change materials by forming hybrid composite paraffin/ash for an effective thermal energy storage system.	AIMS Materials Science	Budhi Muliawan Suyitno, Dwi Rahmalina, Reza Abdu Rahman	http://www.aimspress.com/aimspress-data/aimsmates/2023/1/PDF/matersci-10-01-005.pdf
9	Thermal stress influence on the long-term performance of fast-charging paraffin-based thermal storage	Thermal Science and Engineering Progress	Reza Abdu Rahman, Azizul Hakim Lahuri, Ismail	https://www.sciencedirect.com/science/article/abs/pii/S2451904922003523
10	Advanced design of a small-scale mini gerotor pump in a high-temperature and high-viscosity fluid thermal system	Eastern-European Journal of Enterprise Technologies	Dede Lia Zariatina, Agri Suwandi	https://journals.uran.ua/eej-et/article/view/272674
11	Evaluation on the Discharging Rate and State of Health of Paraffin/HDPE after 10,000 Thermal Cycling under Various Charging Speed.	International Journal of Heat & Technology	Budhi Muliawan Suyitno, Dwi Rahmalina, Ismail, Reza Abdu Rahman	https://www.iieta.org/journals/ijht/paper/10.18280/ijht.410110
12	Analysis of the thermal characteristics of the paraffin wax/high-density polyethylene (HDPE) composite as a form-stable phase change material (FSPCM) for thermal energy storage	Eastern-European Journal of Enterprise Technologies	Dwi Rahmalina, Almira Rahma Zada, Herni Soefihandini, Ismail, Budhi Muliawan Suyitno	https://journals.uran.ua/eej-et/article/view/273437
13	Investigation of the Performance of a Centrifugal Pump Impeller Design with the Addition of a Junction Disc Plate	Periodica Polytechnica Mechanical Engineering	Erlanda Augupta Pane, Ferdy Hidayat, Hendri Sukma, Ismail	https://pp.bme.hu/me/article/view/21081

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14	Circular Economy: Barriers and Strategy to Reduce and Manage Solid Waste in the Rural Area at Jepara District, Indonesia	International Journal of Sustainable Development & Planning	Dino Rimantho, Budhi M Suyitno, Vector Anggit P, Gunady Haryanto, I Nyoman Teguh P, Nungky Puspita	https://www.iieta.org/journals/ijsdp/paper/10.18280/ijsdp.180407
16	The Development of Exhaust Fan Housing With Ceiling Mounting For High Rise Buildings by Using DFMA	Journal of Applied Engineering and Technological Science	Agri Suwandi, M Pillar R, Wina Libyawati, Januar Parlaungan S	https://yrpipku.com/journal/index.php/jaets/article/view/1675
17	Improving the performance of a small-scale cascade latent heat storage system by using gradual melting temperature storage tank	Case Studies in Thermal Engineering	Budhi Muliawan Suyitno, Ismail, Reza Abdu Rahman	https://www.sciencedirect.com/science/article/pii/S2214157X23003404
18	Improving the operation and thermal response of multiphase coexistence latent storage system using stabilized organic phase change material	Results in Engineering	Budhi Muliawan Suyitno, Erlanda Augupta Pane, Dwi Rahmalina, Reza Abdu Rahman	https://www.sciencedirect.com/science/article/pii/S2590123023003377
19	Superior Long-Term Performance of Composite Phase Change Material with High-Density Polyethylene under Thermal Aging Process	Revue des Composites et des Matériaux Avancés	Budhi Muliawan Suyitno, Dwi Rahmalina, Ismail, Reza Abdu Rahman	https://www.iieta.org/journals/rcma/paper/10.18280/rcma.330302
20	Development of free water knock-out tank by using internal heat exchanger for heavy crude oil	EUREKA: Physics and Engineering	Ismail, Ambar Tri Mulyanto, Reza Abdu Rahman	https://journal.eu-jr.eu/engineering/article/view/2502
21	The impact of thermal aging on the degradation of technical parameter of a dynamic latent thermal storage system	International Journal of Thermofluids	La Ode M Firman, Ismail, Dwi Rahmalina, Reza Abdu Rahman	https://www.sciencedirect.com/science/article/pii/S266202723001180

**DATA PUBLIKASI DI SEMINAR NASIONAL
PROGRAM STUDI MAGISTER TEKNIK MESIN UNIVERSITAS PANCASILA**

Tahun 2023/2024

No	Nama	Judul	Nama Forum	Url
1	Dwi Wicaksono, Dede Lia Zariatn, Yani Kurniawan	Perancangan Dan Proses Manufaktur Cetakan Material Komposit Serat Bambu Sesuai Dengan ASTM D3039 Dan ASTM D638	Semrestek 2023	https://teknik.univpancasila.ac.id/semrestek/prosiding/index.php/12345/article/view/500

Tahun 2022/2023

No	Nama	Judul	Nama Forum	Url
1	La Ode M. Firman, Hafiz Aditya Hendaru	Studi Eksperimental Refused Derived Fuel (RDF) dari Sampah di Tempat Pembuangan Akhir (TPA) Penujah Kabupaten Tegal Sebagai Bahan Bakar Kompor RDF	Semrestek 2022	https://teknik.univpancasila.ac.id/semrestek/prosiding/index.php/12345/article/view/449

**PUBLIKASI DI SEMINAR INTERNASIONAL
PROGRAM STUDI MAGISTER TEKNIK MESIN FTUP**

TAHUN 2024/2025

No	Nama Dosen	Judul	Nama Forum	URL
1	Abid Fahreza Alphanoda; Winarto; Femiana Gapsari; ING Wardana; Eko Prasetyo; Wisnu Broto	Production potential from basic bismuth nitrate with organic waste conjugation on irradiation	THE 4TH INTERNATIONAL SEMINAR ON SCIENCE AND TECHNOLOGY (ISSTEC)	https://pubs.aip.org/aip/acp/article-abstract/3248/1/020010/3331997/Production-potential-from-basic-bismuth-nitrate
2	Nasril, Albertus Rianto Suryaningrat, Rudias Harmadi, Ahmad Musthofa, Mahfudz Al Huda, Muizuddin Azka and Danny M. Gandana	Development of Quality Measurement Tool for Complex Surface Machining Process	The International Symposium on Advances and Innovation in Mechanical Engineering	https://iopscience.iop.org/article/10.1088/1742-6596/2972/1/012061/meta

TAHUN 2023/2024

No	Nama Dosen	Judul	Nama Forum	URL
1	Reza Abdu Rahman; Jalalludin Asyafii; Hendri Sukma; Budhi Muliawan Suyitno; Dwi Rahmalina	Surface degradation on the solid-state and sheet- based reflector for concentrated solar power application under Indonesia climate	2Nd International Conference On Technology, Informatics, And Engineering	https://pubs.aip.org/aip/acp/article-abstract/2927/1/040004/3279175/Surface-degradation-on-the-solid-state-and-sheet?redirectedFrom=fulltext
2	Dwi Rahmalina; Mohamad Abi Aufa; Adhifa Zhikri Audia; Ismail; Reza Abdu Rahman; Hendri Sukma	The effect of high- density polyethylene (HDPE) ratio on the supercooling degree of composite paraffin/HDPE	International Conference On Design, Energy, Materials And Manufacture	https://pubs.aip.org/aip/acp/article-abstract/3053/1/020011/3286657/The-effect-of-high-density-polyethylene-HDPE-ratio
3	Firmansyah Azharul; M. Dwi Trisno; Dahmir Dahlan; Wilarso Wilarso	Optimization of the type- L savonius wind turbine design	5Th International Conference On Engineering And Applied Technology	https://pubs.aip.org/aip/acp/article-abstract/2702/1/040013/2925137/Optimization-of-the-type-L-savonius-wind-turbine?redirectedFrom=fulltext
4	Agri Suwandi, Budhi Muliawan Suyitno, Eka Maulana, Lutfi Gangsar Prayogo, Dahmir Dahlan	Analysis of Magnetic Pattern Distribution in a Mini-Permanent Magnetic Power Plant to Produce Optimal Electricity	The 4th Borobudur International Symposium on Science and Technology	https://www.atlantispress.com/proceedings/bis-ste-22/125994041

TAHUN 2022/2023

No	Nama Dosen	Judul	Nama Forum	URL
1	Agri Suwandi; Hendra Wijaya; Farhan Zulfikar; Eka Maulana; Rudi Hermawan; Deny Juniansyah	A simulation approach with computational fluid dynamics analysis for optimization of heat flow on herbal drying machine	3Rd Borobudur International Symposium On Science And Technology	https://pubs.aip.org/aip/acp/article-abstract/2706/1/020001/2889254/A-simulation-approach-with-computational-fluid