

**PUBLIKASI DI JURNAL NASIONAL TIDAK TERAKREDITASI
PROGRAM STUDI S3 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://www.scribd.com/document/826566601/DRAFT-JURNAL-BIMA-HIMAWAN-4320210001-1#google_vignette
2	Penerapan Alat Bantu Pengaduk dan Manajemen Rantai Pasok untuk UMKM Pembuat Rendang	Berdikari: jurnal Pengabdian Masyarakat Indonesia (INPRESS)	Wina Libyawati , Dhidik Mahandika Mahandika, Erlanda Augupta Pane, Yulita Veranda Usman Usman	http://www.jurnaljpmi.com/index.php/jpmi/article/view/202

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NO	JUDUL	NAMA JURNAL	NAMA DOSEN	URL
1	Application of Phase Change Material in Cold Storage of Insulin: Thermal Performance Analysis with Perforated Stainless Steel Plate	Jurnal Teknologi	Muhammad Robiansyah Nur Kholik, Ismail , Reza Abdu Rahman, Apri Wiyono, Anwar Ilmar Ramadhan	https://jurnal.umj.ac.id/index.php/jurtek/article/view/29835
2	Micro-Progressive Punching (μ PP): A New Method for Manufacturing Micro-Plate Implant	Asiimetrik	Yani Kurniawan, Dede Lia Zariatn , Dhatu Allegra Tsumu, Bambang Sulaksono	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/9252
3	Teknologi MEB sebagai Solusi Pengelolaan Sampah Organik Menuju Desa Mandiri di Kabupaten Sukabumi	Jurnal Pengabdian Masyarakat: Pemberdayaan, Inovasi dan Perubahan	Abid Alphanoda, Yani Kurniawan , Dyah Rahayu, Ratih Ningsih, Muhammad Shidiq	https://jurnal.penerbitwidina.com/index.php/JPMWidina/article/view/2376

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NO	JUDUL	NAMA JURNAL	NAMA DOSEN	URL
1	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
2	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
3	Exploratory Factor Analysis for Developing Wheelchairs for Children with Cerebral Palsy	Asiimetrik	Dwi Rahmalina, Desinta Rahayu N, 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
4	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

NO	JUDUL	NAMA JURNAL	NAMA DOSEN	URL
5	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
6	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
7	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
8	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
9	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
10	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 F	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/8947
11	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
12	Peningkatan Kemandirian Ekonomi Yayasan Sosial Melalui Teknologi Pengolahan Sampah Dan Ekonomi Digital	Jurnal Masyarakat Mandiri	Agri Suwandi , Dede Lia Zariatn , Susilawati Susilawati, Dhidik Mahandika	https://journal.ummat.ac.id/index.php/jmm/article/view/27538
13	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	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
4	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
5	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	https://ojs.ummetro.ac.id/index.php/turbo/article/view/2813
6	Effect of Heat Treatment Temperature on Hardness of Jaw Implant Produced from EDM Die-Sinking Process	Asiimetrik	MFR Suharyanto, Yani Kurniawan	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/5784
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 Pengereng Kayu Kapasitas 120 m3	Teknobiz	Aribima Pratama, La Ode M. Firman	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/6533
10	Analisis Pengaruh Gap Medan Magnet dengan Variasi Diameter Penampang dan Lilitan Kumparan 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
11	Analysis Of Non-Destructive Testing In The Metal Stitching Process	Rotor	Ryandi Daffa Saputra, Dede Lia Zariatn	https://jurnal.unej.ac.id/index.php/RTR/article/view/43300
12	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

NO	JUDUL	NAMA JURNAL	NAMA DOSEN	URL
13	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

**PUBLIKASI DI JURNAL INTERNASIONAL BEREPUTASI
PROGRAM STUDI S3 TEKNIK MESIN FTUP**

TAHUN 2025/2026

NO	JUDUL	NAMA JURNAL	NAMA DOSEN	URL
1	Experimental evaluation of hybrid electric-heat operation for reliable residential water heating technology using photo-thermal system	Journal of Thermal Engineering	Ahmad Ilzam Anshori Hasibuan, Ridwan Nurdin, Ismail , Reza Abdu Rahman	https://jten.yildiz.edu.tr/article/1027
2	Enhancing B35 biodiesel compression ignition via hydrogen addition: experimental and quantum analysis	International Journal of Hydrogen Energy	Abid Fahreza Alphanoda, Arief Yulistianto, Ismail	https://www.sciencedirect.com/science/article/abs/pii/S0360319926009985

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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 Karmiadiji, 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 Zariatin	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

NO	JUDUL	NAMA JURNAL	NAMA DOSEN	URL
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	Johani Jonatan N, Tiper Korneles Muwarberto U, Agri Suwandi , Januar Parlaungan S, Arifia Ekayuliana, Joni, Pither Palamba, Marthen Liga	https://mev.brin.go.id/mev/article/view/1053

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NO	JUDUL	NAMA JURNAL	NAMA DOSEN	URL
1	Dimensional Accuracy, Surface Roughness and Hardness Properties for Microplate Implants Manufacturing by EDM Die-Sinking Process	International Journal of Automotive and Mechanical Engineering	Yani Kurniawan, Dede Lia Zariatn , Pratik Suko Pangarsono, Bambang Cahyadi, Bambang Sulaksono	https://journal.ump.edu.my/ijame/article/view/9022
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 Mohammad Firman , Rizky Bayu Adji, Ismail , Reza Abdu Rahman	https://www.sciencedirect.com/science/article/pii/S2666016423001482
3	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
4	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
5	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 , Reza Abdu Rahman	https://www.metall-mater-eng.com/index.php/home/article/view/1037

NO	JUDUL	NAMA JURNAL	NAMA DOSEN	URL
6	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
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	https://link.springer.com/article/10.1007/s10765-024-03373-9
10	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
11	Optimization of pulse on time to improve quality of microplate implants produced by EDM die-sinking	Journal of the Brazilian Society of Mechanical Sciences and Engineering	Yani Kurniawan , Dzacky Ariyatmoko, Shafira Murdiwati Putri, Ismail	https://link.springer.com/article/10.1007/s40430-024-05080-w
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, Sulistyono, M.S.K. Tony Suryo Utomo, Kaprian Rizki Gunawan, Ismail	https://www.journal.eurj.eu/engineering/article/view/3291

NO	JUDUL	NAMA JURNAL	NAMA DOSEN	URL
13	Performance evaluation of enhanced clustered latent heat system for air heater using modified organic material	International Journal of Thermofluids	Reza Abdu Rahman, Sulisty, M.S.K. Tony Suryo Utomo, M Bagus Priyo Hutomo, La Ode Mohammad Firman	https://www.sciencedirect.com/science/article/pii/S266202724002489
14	The development of bend clamp of carbon-based fiber offshore gas lift pipelines: A primary experimental approach	Heliyon	Michael Oktavianes Pamula, Dwi Rahmalina	https://www.sciencedirect.com/science/article/pii/S240584402410847X

**DATA PUBLIKASI DI SEMINAR NASIONAL
PROGRAM STUDI S3 TEKNIK MESIN FTUP**

2025/2026

No	Nama	Judul	Nama Forum	Url
1	Wina Libyawati, Agus Riyanto, Faishal Erfian Nurhadi	Analisis Perbandingan Mekanisme Pembuat Gelombang Buatan Menggunakan Piston Datar dan Piston Lengkung pada Sistem Pneumatik Simulator Kapal Laut	Semrestek 2025	https://conference.univpancasila.ac.id/index.php/semrestek/article/view/392
2	Adnan Fathur Rizki, Dhidik Mahandika, Dede Lia Zariatn, Arie Ramdhan Mahardhika, Saiful Anwar	Analisis Kekuatan Rangka Chassis Motor Roda Empat Untuk Kendaraan Angkut Tandan Buah Segar	Semrestek 2025	https://conference.univpancasila.ac.id/index.php/semrestek/article/view/390
3	Nurmutia Kharisha Mustika, Wina Libyawati	Analisis Pembebanan Statis dan Dinamis dari Komponen Kursi Roda bagi Penyandang Cerebral Palsy Berdasarkan ISO 7176- 8:2014	Semrestek 2025	https://conference.univpancasila.ac.id/index.php/semrestek/article/view/382

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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

**PUBLIKASI DI SEMINAR INTERNASIONAL
PROGRAM STUDI S3 TEKNIK MESIN FTUP**

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	Dede Lia Zariatn, Rovida C. Hartantrie, Karyadi Karyadi, M.Aliel Herlambang, Dwi Antoro	Development of laboratory-scale crossflow turbine power plant	International Conference on Engineering, Construction, Renewable Energy, and Advanced Materials	https://jurnal.umj.ac.id/index.php/icecream/article/view/22810
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