

**PUBLIKASI DI JURNAL NASIONAL
PROGRAM STUDI TEKNIK PERKERETAAPIAN FTUP**

TAHUN 2023/2024

NO	JUDUL	NAMA JURNAL	NAMA DOSEN	URL
1	Pengaruh Integrasi Teg Terhadap Output Pltu Mikro Skala Lab	Scientica: Jurnal Ilmiah Sains dan Teknologi	Richard Joseph Siahaan, I Gede Eka Lesmana , Rorida Camalia Hartantrie	http://jurnal.kolibi.org/index.php/scientica/article/view/1298
2	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
3	Implementasi Job Safety Analysis Dan Bim Pada Proyek Manufaktur Indonesia Project	Scientica: Jurnal Ilmiah Sains dan Teknologi	Raka Alreno Faqih, Ayu Herzanita	http://jurnal.kolibi.org/index.php/scientica/article/view/3276

**PUBLIKASI DI JURNAL NASIONAL TERAKREDITASI
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NO	JUDUL	NAMA JURNAL	NAMA DOSEN	URL
1	Photocatalytic Scheme with External Magnetic Field on Coffee Waste in Hydrogen Production	Journal of Mechanical Engineering Science and Technology	Abid Fahreza Alphanoda , Eko Prasetyo, Wisnu Broto	https://journal2.um.ac.id/index.php/jmest/article/view/47485/12178
2	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
3	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
4	Analisis Sistem Ventilasi Dan Pengkondisian Udara Pada Konsep Green Building Di Gedung Fakultas Teknik Universitas Pancasila Untuk Meningkatkan Kenyamanan	Jurnal Artesis	Nur Airunnisa Virginia, Ayu Herzanita	https://journal.univpancasila.ac.id/index.php/ARTESIS/article/view/5923
5	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
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	https://ojs.ummetro.ac.id/index.php/turbo/article/view/2813
7	Pembuatan Mesin Penggiling Padi Sebagai Upaya Pemerataan Ekonomi Bagi Masyarakat Kampung Pasir Salam Kabupaten Bogor	RESWARA: Jurnal Pengabdian Kepada Masyarakat	Rovida Camalia Hartantrie, I Gede Eka Lesmana , Arif Riyadi Tatak K, Satrio Nur Utomo, Zouly Ficard Padorsi	https://jurnal.dharmawangsa.ac.id/index.php/reswara/article/view/3865
8	Implementasi Teknologi Rumah Pengereng 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
9	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

NO	JUDUL	NAMA JURNAL	NAMA DOSEN	URL
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	Analisis Perbandingan Volume Pekerjaan Konstruksi Menggunakan Metode Bim Dan Konvensional	Construction and Material Journal	Sekar Melanie Putri Aryadi, Ayu Herzanita	https://jurnal.pnj.ac.id/index.php/cmj/article/view/4625
12	Estimasi Biaya Pekerjaan Arsitektur Bangunan Menggunakan Bim (Building Information Modelling)	Jurnal ARTESIS	Rifky Naufal Ramadhan, Ayu Herzanita	https://journal.univpancasila.ac.id/index.php/ARTESIS/article/view/6774
13	Analisis Tingkat Kepuasan Pelanggan Untuk Pengembangan Sistem Penyediaan Air Minum	Jurnal ARTESIS	Rahmatul Farhan, Herawati Zeta Rahman	https://journal.univpancasila.ac.id/index.php/ARTESIS/article/view/6767
14	Analisis Kelayakan Finansial Pada Proyek Pembangunan Kereta Api	Jurnal ARTESIS	Muhammad Razif Ryanata, Herawati Zeta Rahman	https://journal.univpancasila.ac.id/index.php/ARTESIS/article/view/6769
15	Fixture gono-go insert striker seat lock sebagai alat bantu pengecekan quality control	Abdi Impelemtasi Pancasila	Dede Lia Zariatn, Zam Zam Tijani, Wina Libyawati, Agri Suwandi	https://journal.univpancasila.ac.id/index.php/abdi/article/view/6102
16	Implementasi Penanganan Krisis Air Bersih Di Desa Sukagalih, Kecamatan Jonggol	Jurnal JANATA	Ayu Herzanita , Azaria Andreas, Nuryani Tinumbia, Dwi Ariyani	https://journal.univpancasila.ac.id/index.php/JANATA/article/view/6841
17	Perencanaan Bangunan Klinik Pasca Gempa Cianjur (Studi Kasus: Klinik Bidan Kelurahan Cibulakan, Kab. Cianjur)	Jurnal JANATA	Azaria Andreas, Irfan Ihsani, Resti Nur Arini, Fadli Kurnia, Ayu Herzanita	https://journal.univpancasila.ac.id/index.php/JANATA/article/view/6830
18	New Approach on Planning for Water Provision using Water Balance (Case Study: Sewakaderma Municipal Waterworks, Denpasar)	Asiimetrik	Herawati Zetha Rahman	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/6553
19	IoT Based Remote Low Voltage Power Circuit Breaker System in Flood Areas	Asiimetrik	Ainil Syafitri , Kemil Syarif	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/6953
20	Analisis Pengaruh Gap Medan Magnet dengan Variasi Diameter Penampang dan Lilitan Kumpanan 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

NO	JUDUL	NAMA JURNAL	NAMA DOSEN	URL
21	Analisis Sistem Pendingin Mesin Bantu Generator Menggunakan Media Air Laut	VISA: Journal of Vision and Ideas	Ahmad Sya'bani, I Gede Eka Lesmana	https://journal-laaroiba.com/ojs/index.php/visa/article/view/2389

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NO	JUDUL	NAMA JURNAL	NAMA DOSEN	URL
1	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
2	Pengembangan Material Bambu Untuk Pembuatan Bodi Speed Boat	Teknobiz	Andi Lamappasessu, Dwi Rahmalina	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/5291
3	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
4	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

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NO	JUDUL	NAMA JURNAL	NAMA DOSEN	URL
1	The use of coarse aggregate from fly ash and its effect on the mechanical properties of concrete	World Journal of Advanced Engineering Technology and Sciences	AR Indra Tjahjani, Jonbi , Daral Suraedi, Okeu Aziz Maulana, Ressy Warisatu Awwaliyah, Teuku Rifqi Maulana	https://wjaets.com/content/use-coarse-aggregate-fly-ash-and-its-effect-mechanical-properties-concrete
2	Effect of Artificial Aggregate on Mechanical Properties of Concrete	International Journal of Technical & Scientific Research Engineering	AR Indra Tjahjani, Jonbi , Prima Ranna, Bintang Putra H, Agung Seno M, Jihan Khoirunissa	https://www.ijtsre.org/papers/2023/ev6c1/IJT-44712256.pdf

**PUBLIKASI DI JURNAL INTERNASIONAL BEREPUTASI
PROGRAM STUDI TEKNIK PERKERETAAPIAN FTUP**

TAHUN 2023/2024

NO	JUDUL	NAMA JURNAL	NAMA DOSEN	URL
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	Comparative analysis of natural nanosilica versus commercial nanosilica on compressive strength and durability of high-performance concrete	Archives of Civil Engineering.	A.R. Indra Tjahjani, Mohamad Ali Fulazzaky, Jonbi , Nuryani Tinumbia, Wita Meutia, Daral Suraedi, Prima Ranna	https://journals.pan.pl/dlibra/show-content?id=128450
3	Decision making for the location of transit oriented development: a case study in developing country	International Review of Civil Engineering	AR Indra Tjahjani, Herawati Zetha Rahman , Perdana Miraj	https://www.safetylit.org/citations/index.php?fuseaction=citations.viewdetails&citationIds[]=citjournalarticle_77822334
4	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
5	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
6	Multi-output photoelectrochemical system based on Zn/ZnO using aqueous bismuth tea waste electrolyte to produce hydrogen and electricity	International Journal of Hydrogen Energy	Abid Fahreza Alphanoda , Winarto, Femiana Gapsari, Willy Satrio N, I.N.G. Wardana	https://www.sciencedirect.com/science/article/abs/pii/S0360319923050164
7	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
8	End Effect Reduction by Modification Design of End Teeth for Linear Induction Motor	Journal of Electrical Systems	Ainil Syafitri	https://journal.esrgroups.org/jes/article/view/2705

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9	Impact of Top Mold Slope on Defect Formation in Gravity Casting of Aluminum Alloy	Annales de Chimie Science des Matériaux	Hidayat, Ahya; Dwi Rahmalina ; Rahman, Reza Abdu	https://openurl.ebsco.com/EPDB%3Aagd%3A2%3A14013762/detailv2?sid=ebsco%3Aplink%3Ascholar&id=ebsco%3Aagd%3A175889592&crl=c
10	Evaluating consumer insights in water services: perspectives on health benefits, pricing tolerance, and continuous service demand	Water Practice & Technology	Herawati Zetha Rahman , Atie Tri Juniati, Perdana Miraj, Herry Trisaputra Zuna, Nicco Plamonia	https://iwaponline.com/wpt/article/19/4/1135/101057
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.yrpioku.com/index.php/jaets/article/view/3481
12	Experimental evaluation on the power characteristic of direct-photovoltaic charging for thermal storage equipment	Mechanical Engineering for Society and Industry	Reza Abdu Rahman, Sulistyono, Mohamad Said Kartono Tony Suryo Utomo, Dimas Ragil, Budhi Muliawan Suyitno	https://journal.unimma.ac.id/index.php/mesi/article/view/11493

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1	Examining the Impact of HSE Stakeholder Engagement Strategies on University Construction Organizational Performance	International Journal of Safety & Security Engineering	Alya Khairunnisa D, Yusuf Latief, Ayu Herzanita , Budi Susilo S	https://www.iieta.org/journals/ijss/paper/10.18280/ijss.130305
2	The Effect Of Using Lime, Silica Fume And Nano-Silica On Mortar Made From Sea Sand And Seawater	International Journal of Geomate	AR Indra Tjahjani, Jonbi , Darel Suraedi, Innayyah Nabilla Putri Jun, Risti Bintari C	https://geomatejournal.com/geomate/article/view/3800
3	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/S2666202723001180

**DATA PUBLIKASI DI SEMINAR NASIONAL
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No	Nama	Judul	Nama Forum	Url
1	Satrio Mukti Wibowo, Erna Savitri , Ramadhan Arya Prayoga	Energi Bersih dan Terjangkau untuk Kota Berkelanjutan	Semrestek	https://conference.univpancasila.ac.id/index.php/semrestek/article/view/173
2	Bram Haribowo, Herawati Zetha Rahman	Analisa Kategori dan Penilaian Kondisi Fasilitas Pelabuhan Studi Kasus: Laut Sofifi- Provinsi Maluku Utara	Semrestek	https://teknik.univpancasila.ac.id/semrestek/prosiding/index.php/12345/article/view/492
3	Herawati Zetha Rahman , Randika Dwirahman, Merry Mardianti	Analisa Kebutuhan Revitalisasi Pasar Induk yang Berkelanjutan Studi Kasus : Pasar Induk Gadarata Singasana Kabupaten Tabanan	Semrestek	https://teknik.univpancasila.ac.id/semrestek/prosiding/index.php/12345/article/view/513
4	Innayyah Nabilla Putri Jun, Prima Ranna, Jonbi	Analisis Kuat Tekan Dan Mikrostruktur Mortar Menggunakan Pasir Laut, Air Tawar Digabung Dengan SCMs Dan Superplasticizer	Semrestek	https://teknik.univpancasila.ac.id/semrestek/prosiding/index.php/12345/article/view/501

**PUBLIKASI DI SEMINAR INTERNASIONAL
PROGRAM STUDI TEKNIK PERKERETAAPIAN FTUP**

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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	Dini Rosmalia, I Nyoman Teguh Prasadha, Ayu Herzanita , Ramadhani Isna Putri	The Sacredness of the Cultural Landscape of the Kanoman Palace, Cirebon	International Conference on Engineering, Construction, Renewable Energy, and Advanced Materials	https://jurnal.umj.ac.id/index.php/icecream/article/view/22823
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

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1	Nur Yulianti Hidayah, Dino Rimantho, Anggina Sandy Sundari, Ayu Herzanita	Analysis of the relationship between composite board thickness and its ability to muffle sounds	13Th International Seminar On Industrial Engineering And Management	https://pubs.aip.org/aip/acp/article-abstract/2485/1/120019/2906034/Analysis-of-the-relationship-between-composite?redirectedFrom=fulltext

PUBLIKASI DI MEDIA MASSA
PROGRAM STUDI TEKNIK PERKERETAAPIAN FTUP

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No	Nama	Judul	Nama Media Massa	Tgl Terbit	Url
1	Ayu Herzanita Yufrizal	Upaya Teknis Penanggulangan Krisis Air Bersih di Desa Sukagalih, Kecamatan Jonggol	SINDOmedia	17-Apr-24	https://edukasi.sindonews.com/read/1361133/211/civitas-akademika-up-terapkan-hasil-penelitian-untuk-kesejahteraan-masyarakat-1713416665

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No	Nama	Judul	Nama Media Massa	Tgl Terbit	Url
1	Dwi Rahmalina, Agri Suwandi, Nur Yulianti Hidayah; Dhidik Mahandika; I Gede Eka Lesmana	Pengembangan Produk Inovasi Kursi Roda Penyandang Disabilitas Tipe Beta Menuju Hilirisasi untuk Menunjang Kemandirian Kesehatan	ANTARA News Megapolitan	12-Aug-23	https://megapolitan.antaraneews.com/berita/255039/tim-wheelchair-ftup-perkenalkan-prototipe-beta-kursi-roda-penyandang-disabilitas
2	Duta Widhya Sasmojo	Pembinaan Wirausaha Remaja Pesanten di Desa Tajurhalang Bogor Dalam Pembuatan Sabun Aromaterapi	Media Mahasiswa Indonesia	11-May-23	https://mahasiswaindonesia.id/pelatihan-pemanfaatan-minyak-jelantah-untuk-pembuatan-sabun-aromaterapi-di-pesanten-desa-tajurhalang-bogor/
3	Gama Harta Nugraha	Fenomena Brain Drain pada Awardee LPDP yang Enggan Pulang	Kumparan.com	07-Mar-23	https://kumparan.com/gama-harta/tragedi-plumpang-dan-urgensi-manajemen-risiko-bisnis-1zy28slhriD
4	Gama Harta Nugraha	Tragedi Plumpang dan Urgensi Manajemen Risiko Bisnis	Kumparan.com	07-Mar-23	https://kumparan.com/gama-harta/tragedi-plumpang-dan-urgensi-manajemen-risiko-bisnis-1zy28slhriD