

**DATA PUBLIKASI MAHASISWA DI JURNAL NASIONAL TIDAK TERAKREDITASI
PROGRAM STUDI TEKNIK MESIN S1 FTUP**

Tahun 2023/2024

NO	JUDUL	NAMA JURNAL	AUTHOR	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

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NO	JUDUL	NAMA JURNAL	AUTHOR	URL
1	Analisis Proses Manufaktur Checking Fixture Untuk Pengecekan Bracket Brake Tube: Desain Gambar Checking Fixture Bracket Brake Tube	Journal of Applied Mechanical Technology	Agnes Listyantaka , Yani Kurniawan	https://jamet.polindra.ac.id/index.php/jamet/article/view/30

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NO	JUDUL	NAMA JURNAL	AUTHOR	URL
1	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
2	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
3	Distribusi Udara dan Panas, Pengering Rumah Kaca, Rak Susun, CFD	ROTASI	Ismail Ismail, Agus Purwanto	https://ejournal.undip.ac.id/index.php/rotasi/article/view/66460/
4	Design of a Seaweed Draining and Drying Machine Using Hybrid Energy	Asimetri	Agri Suwandi, Alif Fachrudin , Djoko Setyanto	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/8636
5	Analisis Energi Pelet Biomassa Berbahan Baku Ampas Kopi Dengan Perkat Bubur Kertas	Teknobiz	Muhamad Hafiz , Erlanda Augupta Pane	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/7839
6	Analisis Aliran Turbin Angin Vertikal Jenis Savonius Dengan Variasi Multi-Stage With Circular Shield Menggunakan Software Solidworks	Motor Bakar	Imam Nur Arif , I Gede Eka Lesmana, Rovida Camalia Hartantrie	https://jurnal.umt.ac.id/index.php/mjtm/article/view/14494

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NO	JUDUL	NAMA JURNAL	AUTHOR	URL
1	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
2	Proses Manufaktur Mesin Pelet Pakan Ikan	Jurnal Ilmiah Ilmu Dan Teknologi Rekayasa	Hendri Sukma, Bambang Sulaksono, Avis Iman Dwi Prakoso, Azeda Amirah Zeda	https://www.ejournal.polsub.ac.id/index.php/jiitr/article/view/176
3	Analysis Of Non-Destructive Testing In The Metal Stitching Process	ROTOR	Saputra, Ryandi Daffa; Zariatn , Dede Lia	https://rotor.jurnal.unej.ac.id/index.php/RTR/article/view/43300
4	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/2389/2225
5	Perancangan Konstruksi Mesin Pembuat Adonan Berbahan Dasar Tepung	Jurnal Humaniora Revolusioner	Agung Nugraha , Agri Suwandi	https://humaniora.ojs.co.id/index.php/jhr/article/view/90

NO	JUDUL	NAMA JURNAL	AUTHOR	URL
6	Perancangan Mesin Pamarut Dan Pemeran Singkong Dua Fungsi Untuk Tepung Tapioka Dan Pakan Ternak	Motor Bakar : Jurnal Teknik Mesin	Bambang Sulaksono, Chandra Gunawan	https://jurnal.umt.ac.id/index.php/mjtm/article/view/12258
7	Rancangan Mesin Pelet Pakan Ikan Dengan Kapasitas 50 Kg/Jam	Jurnal Ilmiah Ilmu Dan Teknologi Rekayasa	Bambang Sulaksono, Nahdita Utomo	https://www.ejournal.polsub.ac.id/index.php/jiitr/article/view/178

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NO	JUDUL	NAMA JURNAL	AUTHOR	URL
1	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
2	Analisis Kerusakan Pada Permukaan Roda Kereta Rel Listrik	Asiimetrik	Muhammad Ardiansyah , Dwi Rahmalina	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/4272
3	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
4	Pengaruh Pulse Current Terhadap Kekuatan Bending Implan Micro-Plate Hasil Dari Proses Edm Die-Sinking	Dinamika Teknik Mesin	Yani Kurniawan, J Janua , Bambang Sulaksono	http://dinamika.unram.ac.id/index.php/DTM/article/view/634
5	Analisis Kekuatan Las Pada Sambungan Bejana Tekan Decolorizer	Teknobiz	Eko Prasetyo, Hasan Hariri, Rudi Hermawan, M. Reza Anarta Putra	https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/5293
6	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
7	Development of Data Acquisition System on an Arduino-Based Tensile Test Machine for Composite Materials	Asiimetrik	Dede Lia Zariatina, Yani Kurniawan, N.A Reza Afika	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/4981
8	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
9	Analisis Perpindahan Panas pada Sirkulasi Air Penyulingan Nilam dengan Tangki Bervolume 150 Liter	Asiimetrik	Zaky Assiddiqie ; Nely Toding Bunga	https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/3465/2180
10	Perancangan Mesin Pencacah Masker Dengan Metode Pahl & Beitz	JTERA	Suwandi, Agri, Abdurrahman, Mahmud	https://jtera.polteksmi.ac.id/index.php/jtera/article/view/713/308

NO	JUDUL	NAMA JURNAL	AUTHOR	URL
11	Thermal Analysis And Performance Of The Pyrolysis Function	TRAKSI	Richard Pardomuan Sinaga , I Gede Eka Lesmana	https://jurnal.unimus.ac.id/index.php/jtm/article/view/8643
12	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
13	Sifat Mekanis Paduan Aluminium A356 dengan Penambahan Unsur Tembaga Hasil Proses Gravity Casting	JTERA	Martua Manik , Indra Chandra Setiawan, Dwi Rahmalina	https://jtera.polteksmi.ac.id/index.php/jtera/article/view/658
14	Pengaruh Penggunaan Lapisan Phase Change Material Parafin Grafit Sebagai Pendingin Terhadap Efisiensi Panel Surya Polycrystalline	Infotekmesin	Rovida Camalia Hartantrie, Ryann Argadiraksa , I Gede Eka Lesmana	https://ejournal.pnc.ac.id/index.php/infotekmesin/article/view/1549

**DATA PUBLIKASI MAHASISWA DI JURNAL INTERNASIONAL BEREPUTASI
PROGRAM STUDI TEKNIK MESIN S1 FTUP**

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NO	JUDUL	NAMA JURNAL	AUTHOR	URL
1	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	Reza Abdu Rahman; Jalalludin Asyafii ; Hendri Sukma; Budhi Muliawan Suyitno; Dwi Rahmalina	https://pubs.aip.org/aip/acp/article-abstract/2927/1/040004/3279175/Surface-degradation-on-the-solid-state-and-sheet
2	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 Ismail	https://link.springer.com/article/10.1007/s40430-024-05080-w
3	The effect of high-density polyethylene (HDPE) ratio on the supercooling degree of composite paraffin/HDPE	International Conference On Design, Energy, Materials And Manufacture	Dwi Rahmalina; Mohamad Abi Aufa ; Adhifa Zhikri Audia ; Ismail; Reza Abdu Rahman; Hendri Sukma	https://pubs.aip.org/aip/acp/article-abstract/3053/1/020011/3286657/The-effect-of-high-density-polyethylene-HDPE-ratio

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NO	JUDUL	NAMA JURNAL	AUTHOR	URL
1	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; Muhammad Pillar Rachmawanto ; Wina Libyawati; Januar Parlaungan Siregar	https://journal.yrpiiku.com/index.php/jaets/article/view/1675
2	Analysis Of The Thermal Characteristics Of The Paraffin Wax/Highdensity Polyethylene (HDPE) Composite As A Form-Stable Phase Change Material (FSPCM) For Thermal Energy Storage.	Eastern-European Journal of Enterprise Technologies	Rahmalina, Dwi; Zada, Almira Rahma ; Soefihandini, Herni ; Ismail; Suyitno, Budhi Muliawan	https://journals.uran.ua/eejet/article/view/273437
3	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 Ismail	https://pp5.omikk.bme.hu/me/article/view/21081
4	A Simulation Approach with Computational Fluid Dynamics Analysis for Optimization of Heat Flow on Herbal Drying Machine	AIP Conference Proceedings	Agri Suwandi; Hendra Wijaya ; Farhan Zulfikar; Eka Maulana; Rudi Hermawan; Deny Juniansyah	https://pubs.aip.org/aip/acp/article-abstract/2706/1/020001/2889254/A-simulation-approach-with-computational-fluid?redirectedFrom=fulltext

**DATA PUBLIKASI MAHASISWA DI SEMINAR NASIONAL
PROGRAM STUDI TEKNIK MESIN S1 FTUP**

Tahun 2024/2025

NO	JUDUL	NAMA FORUM	AUTHOR	URL
1	Konsep Desain Mesin Pencacah Limbah Sawit dan Limbah Plastik Untuk Pembuatan Bahan Genteng Komposit	Seminar Rekayasa Teknologi 2024	Arif Riyadi T. K., Hary Soebagyo, A. R. Bagus	https://conference.univpancasila.ac.id/index.php/semrestek/article/view/177

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NO	JUDUL	NAMA FORUM	AUTHOR	URL
1	Perancangan Dan Proses Manufaktur Cetakan Material Komposit Serat Bambu Sesuai Dengan ASTM D3039 Dan ASTM D638	Seminar Rekayasa Teknologi 2023	Wicaksono, Dwi, Dede Lia Zariatn, and Yani Kurniawan	https://drive.google.com/file/d/1ahTemDwCUoVF8dfKZD9p2BPzzZtpR3I7/view?usp=drive_link

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NO	JUDUL	NAMA FORUM	AUTHOR	URL
1	Studi Eksperimental Refused Derived Fuel (RDF) dari Sampah di Tempat Pembuangan Akhir (TPA) Penujah Kabupaten Tegal Sebagai Bahan Bakar Kompor RDF	Seminar Rekayasa Teknologi 2022	La Ode, M. Firman, Hafiz Aditya Hendaru	https://drive.google.com/file/d/1_naaa_yKBShtWnM_h0A8IihZiONi7ced/view?usp=drive_link

**DATA PUBLIKASI MAHASISWA DI SEMINAR INTERNASIONAL
PROGRAM STUDI TEKNIK MESIN S1 FTUP**

Tahun 2023/2024

NO	JUDUL	NAMA FORUM	AUTHOR	URL
1	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	Agri Suwandi, Budhi Muliawan Suyitno, Eka Maulana, Lutfi Gangsar Prayogo , Dahmir Dahlan	https://www.atlantispress.com/proceedings/bis-ste-22/125994041
2	Development of laboratory-scale crossflow turbine power plant	International Conference on Engineering, Construction, Renewable Energy, and Advanced Materials	DL Zariatn, RC Hartantrie, K Karyadi, MA Herlambang , D Antoro	https://jurnal.umj.ac.id/index.php/icecream/article/view/22810