



KEMENTERIAN PENDIDIKAN, KEBUDAYAAN,
RISET, DAN TEKNOLOGI

UNIVERSITAS JEMBER

Jalan Kalimantan 37 Kampus Tegalboto Kotak Pos 159 Jember 68121
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Lektor

Bidang : Teknik Mesin, Konversi Energi

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Alamat Kantor : Gedung Program Studi Magister Teknik Mesin Fak.
Teknik UNEJ

PENDIDIKAN

- S.T., UNIVERSITAS BRAWIJAYA, INDONESIA, 1996
- MT, Universitas Brawijaya, Indonesia, 2005
- Dr., UNIVERSITAS BRAWIJAYA, INDONESIA, 2012

MATA KULIAH YANG DIAMPU

Tahun	Semester	Mata Kuliah	SKS	Program Studi
2023	Genap	Praktikum Mesin Konversi Energi	1	Teknik Mesin
2023	Genap	Rekayasa Keteknikmesinan	2	Magister Teknik Mesin
2023	Ganjil	Termodinamika	2	Teknik Lingkungan
2023	Ganjil	Energi Surya	2	Teknik Mesin
2023	Ganjil	Heat Exchanger	2	Teknik Mesin
2023	Ganjil	Perpindahan Panas	2	Teknik Mesin
2023	Ganjil	Turbin Gas	2	Teknik Mesin
2023	Genap	Mesin Konversi Energi	2	Teknik Mesin
2023	Ganjil	Analisis Teknik II	3	Magister Teknik Mesin
2023	Ganjil	Teknologi Pembakaran dan Dinamika Fluida Reaktif	3	Magister Teknik Mesin
2023	Genap	Publikasi Ilmiah	3	Magister Teknik Mesin
2023	Ganjil	Pengelolaan Limbah berbasis Energi Terbarukan	3	Teknik Lingkungan



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2023	Genap	Pengelolaan Limbah berbasis Energi Terbarukan	3	Teknik Lingkungan
2023	Ganjil	Thermodinamika	3	Teknik Mesin
2023	Genap	Mekanika Fluida	3	Teknik Mesin

PENGALAMAN PENELITIAN

Tahun	Judul Penelitian	Status	Sumber Dana	Besarnya Dana
2023	Karakteristik Pembakaran Pada Cylindrical Meso-scale Combustor Dengan Flame Holder Wire Mesh	Anggota	Hibah Penelitian Pasca Doktor (PPD)	28.000.000
2019	Analisis Karakteristik Pembakaran Premix Dan Diffusion Campuran Biodiesel Minyak Kemiri (aleurites Moluccana) Dan Minyak Kelapa (cocos Nucifera) Dengan Biosolar	Anggota	Hibah KeRis - DiMas	27.500.000
2013	Rancang Bangun Motor Bldc (brushless Direct Current) Untuk Penguatan Komponen Lokal Mobil Listrik Universitas Jember	Ketua	Unggulan Perguruan Tinggi	220.000.000
2013	Teknologi Pembuatan Briket Ampas Tebu Dan Serbuk Gergajian Kayu Sebagai Bahan Alternatif Yang Ramah Lingkungan	Anggota	Unggulan Perguruan Tinggi	150.000.000

PENGALAMAN PENGABDIAN

Tahun	Judul Pengabdian	Status	Sumber Dana	Besarnya Dana
2023	Kolaborasi Penyuluhan International Teknologi Dirgantara Penggerak Propulsi Di Smk Berdikari Jember Oleh Teknik Mesin Unej -teknik Mesin Dan Dirgantara International Islamic University Malaysia (iiu)	Anggota	Mandiri	6.705.000
2023	Pelatihan Perawatan Solar Cell Untuk Menjaga Unjuk Kerja Pembangkit Listrik Tenaga Surya (plts) Di Rt 04 / Rw021 Perum Graha Citra Mas , Kelurahan Tegal Besar, Kecamatan Kaliwates, Kabupaten Jember	Anggota	Mandiri	1.000.000
2023	Pemanfaatan Limbah Produksi Arang Kayu Menjadi Briket Arang Sebagai Upaya Peningkatan Peningkatan Keberdayaan Ekonomi Pedesaan	Anggota	Hibah Pengabdian Desa Binaan	32.425.000



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2021	Pelatihan Cara Penggunaan Dan Perawatan Baterai Dengan Aman	Anggota	Mandiri	840.000
2021	Pelatihan Teknologi Solar Cell Sebagai Pembangkit Listrik Tenaga Surya (plts). Di Rt 04 / Rw021 Perum Graha Citra Mas , Kelurahan Tegal Besar, Kecamatan Kaliwates, Kabupaten Jember	Anggota	Mandiri	1.805.000
2020	Penyuluhan Dan Bimbingan Teknis Operasional Dan Perawatan Mesin Pengolahan Kopi Pada Gabungan Kelompok Tani Suka Maju Desa Pace Kecamatan Silo Kabupaten Jember Tahun 2022	Anggota	Mandiri	942.000
2011	Ibm Kelompok Pedagang Durian Di Desa Pakusari Krajan	Anggota	DRPM - Program Kemitraan Masyarakat(PKM)	42.500.000

LUARAN PENELITIAN DAN PENGABDIAN

A. Jurnal Nasional

- Nasrul Ilminnafik, . 2023. PEMANFAATAN LIMBAH PRODUKSI ARANG KAYU MENJADI BRIKET ARANG SEBAGAI UPAYA PENINGKATAN KEBERDAYAAN EKONOMI PEDESAAN. SELAPARANG. Jurnal Pengabdian Masyarakat Berkemajuan. 7(3). <http://journal.ummat.ac.id/index.php/jpmb>
- Nasrul Ilminnafik, . 2023. PEMANFAATAN LIMBAH PRODUKSI ARANG KAYU MENJADI BRIKET ARANG SEBAGAI UPAYA PENINGKATAN KEBERDAYAAN EKONOMI PEDESAAN. SELAPARANG. Jurnal Pengabdian Masyarakat Berkemajuan. 7(3). <http://journal.ummat.ac.id/index.php/jpmb>
- Nasrul Ilminnafik, Muh. Nurkoyim Kustanto, Mahros Darsin, Ahmad Iqbal fawaud. 2023. Pelatihan Pembuatan Bahan Bakar Minyak Nyamplung (*Calophyllum inophyllum*) bagi Masyarakat Banyuwangi Jawa Timur. JAMSI. 2(1). <https://www.jamsi.jurnal-id.com/index.php/jamsi/article/view/154>
- Muh. Nurkoyim Kustanto, Nasrul Ilminnafik, Salahuddin Junus, Yuni Hermawan, . 2023. A study on Flame Characteristics Premixed Burning by Giving Magnetic Field Induction. Polimesin. 21(2). <https://e-jurnal.pnl.ac.id/polimesin/article/view/3497>
- Ahmad Adib Rosyadi, Andi Sanata, Intan Hardiatama, Nasrul Ilminnafik, Faiz Firdausi. 2023. Ethanol Blend Effects on the Spray Properties of a Biodiesel Fuel by Ambient Pressure Variation. IJAR. 4(2). <https://iojs.unida.ac.id/index.php/IJAR/article/view/287/156>
- Nasrul Ilminnafik, Muh. Nurkoyim Kustanto, Digdo Listyadi Setyawan, Dwi Djumhariyanto, . 2023. ANALISIS ERGONOMI PADA OPERATOR HAND TRACTOR MENGGUNAKAN METODE RAPID UPPER LIMB ASSESMENT (RULA). Stator. 6(1). <https://jurnal.unej.ac.id/index.php/STATOR>
- Muh. Nurkoyim Kustanto, Salahuddin Junus, Nasrul Ilminnafik, Yuni Hermawan, . 2023. Study of Premix Combustion Flame Characteristics with Magnetic Field Induction. Polimesin. 2(21).



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- Salahuddin Junus, Nasrul Ilminnafik, Yuni Hermawan, Muh. Nurkoyim Kustanto, . 2023. Experimental Study on the Effect of Magnetic Fields on Combustion Characteristics of Biodiesel from Nyamplung (*Calophyllum Inophyllum*). *Automotive Experience*. 6(1). <https://journal.unimma.ac.id/index.php/AutomotiveExperiences/article/view/8328>
- Nasrul Ilminnafik, Muh. Nurkoyim Kustanto, Dony Perdana. 2022. Pengaruh Orientasi Medan Magnet Terhadap Karakteristik Nyala Api Pembakaran Droplet *Calophyllum Inophyllum*. *Jurnal Keteknikan Pertanian*. 10(3). [Doi: https://doi.org/10.19028/jtep.010.3.215-225](https://doi.org/10.19028/jtep.010.3.215-225)
- Nasrul Ilminnafik, . 2022. Training on How to Use and Maintenance of The Battery Safely. *ABDI DOSEN*. 6(4). <http://pkm.uika-bogor.ac.id/index.php/ABDIDOS/article/view/1395>
- Rika Dwi Hidayatul Qoryah, Yuni Hermawan, Mahros Darsin, Agus Triono, Nasrul Ilminnafik, Gaguk Jatisukanto, Muh. Nurkoyim Kustanto, Santoso Mulyadi, , . 2022. Pengukuran Gaya pada Pembebanan Statik Chasis Mobil Listrik Prototype menggunakan Sensor Strain Gauge. *Proteksion*. 7(1). <http://jurnal.unmuhjember.ac.id/index.php/J-Proteksion>
- Mahros Darsin, Aris Zainul Muttaqin, Dedi Dwilaksana, Nasrul Ilminnafik, . 2022. The Effect of Nozzle Temperature, Infill Geometry, Layer Height and Fan Speed on Roughness Surface in PETG Filament. *Journal of Mechanical Engineering Science and Technology*. 6(2). <http://journal2.um.ac.id/index.php/jmest/article/view/29359>
- Nasrul Ilminnafik, Muh. Nurkoyim Kustanto, Doni Perdana. 2022. Karakteristik pembakaran droplet minyak nabati Indonesia. *Dinamika teknik mesin*. 12(2). <https://dinamika.unram.ac.id/index.php/DTM/article/view/540/pdf>
- Muh. Nurkoyim Kustanto, Nasrul Ilminnafik, Doni Perdana. 2022. Karakteristik Pembakaran Droplet Minyak Nabati Indonesia. *Dinamika*. 12(2). <https://dinamika.unram.ac.id/index.php/DTM/article/view/540>
- Nasrul Ilminnafik, Alief Muhammad. 2022. The Effect of the Transesterification Process Using KOH Catalyst on the Characteristics of Biodiesel from *Sterculia Foetida* Seeds as an Alternative Fuel. *Jurnal Keteknikan Pertanian*. 10(3). <https://journal.ipb.ac.id/index.php/jtep/article/view/42331>
- Nasrul Ilminnafik, Hary Sutjahjono, Intan Hardiatama, Andi Sanata, Digdo Listyadi Setyawan, Dwi Djumhariyanto, . 2022. Uji variasi temperatur dan campuran bahan bakar terhadap karakteristik spray. *Dinamika*. 12(1). <https://dinamika.unram.ac.id/index.php/DTM/article/view/501>
- Nasrul Ilminnafik, Gaguk Jatisukanto, Muh. Nurkoyim Kustanto, Andi Sanata, . 2022. Karakteristik Spray Diesel dan Campuran Biodiesel Nyamplung pada Ruang Chamber dengan Variasi Temperatur Ambient. *Turbo*. 11(1). <http://ojs.ummetro.ac.id/index.php/turbo/article/view/1925>
- Intan Hardiatama, Hary Sutjahjono, Digdo Listyadi Setyawan, Nasrul Ilminnafik, Dwi Djumhariyanto, Andi Sanata, , . 2022. Uji VARIASI TEMPERATUR DAN CAMPURAN BAHAN BAKAR TERHADAP KARAKTERISTIK SPRAY. *DINAMIKA*. 12(1). <https://dinamika.unram.ac.id/index.php/DTM/article/view/501>
- Hary Sutjahjono, Intan Hardiatama, Andi Sanata, Nasrul Ilminnafik, Dwi Djumhariyanto, Digdo



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- Listyadi Setyawan, . 2022. Uji Variasi Temperatur dan Campuran Bahan Bakar Terhadap Karakteristik Spray. Dinamika. 12(1).
<https://dinamika.unram.ac.id/index.php/DTM/article/view/501>
- Nasrul Iminnafik, . 2022. Diversifikasi Usaha Kelompok Penjual Durian Melalui Olahan Limbah Buah Durian . Martabe: Jurnal Pengabdian Masyarakat. 5(2).
<http://jurnal.um-tapsel.ac.id/index.php/martabe/article/view/4925/pdf>
 - Nasrul Iminnafik, . 2022. Diversifikasi Usaha Kelompok Penjual Durian Melalui Olahan Limbah Buah Durian . Martabe: Jurnal Pengabdian Masyarakat. 5(2).
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 - Alfian Futuhul Hadi, Nasrul Iminnafik, . 2022. Diversifikasi usaha kelompok penjual durian melalui olahan limbah buah durian. Martabe: Jurnal Pengabdian Masyarakat Universitas Muhammadiyah Tapanuli Selatan. 5(2).
<http://jurnal.um-tapsel.ac.id/index.php/martabe/article/view/4925/pdf>
 - Muh. Nurkoyim Kustanto, Nasrul Iminnafik, Agus Triono, . 2021. Spray Characteristics at Preheating Temperatur of Diesel-Biodiesel-Gasoline Fuel Blend. JMEST. 5(2).
<http://journal2.um.ac.id/index.php/jmest/article/view/22552>
 - Muh. Nurkoyim Kustanto, Nasrul Iminnafik, Agus Triono, . 2021. Effect of Biodiesel B100 and Ethanol Blends on the Performance of Small Diesel Engine. MECHTA. 2(2).
<https://mechta.ub.ac.id/index.php/mechta/article/view/32>
 - Nasrul Iminnafik, Apip Amrullah, Achmad Aminudin. 2021. Pengaruh Bahan Bakar LPG Sistem Manifold Injeksi Terhadap Performa Single Cylinder Spark Ignition Engine. JMESI. 1(1). <http://ejurnal.itats.ac.id/jmesi/article/view/1757>
 - Nasrul Iminnafik, Apip Amrullah, Achmad Aminudin. 2021. Pengaruh Bahan Bakar LPG Sistem Manifold Injeksi terhadap Performa Single Cylinder Spark Ignition Engine. Journal of Mechanical Engineering Science Innovation (JMESI). 1(1).
<https://ejurnal.itats.ac.id/jmesi/article/view/1757>
 - Nasrul Iminnafik, Apip Amrullah, Achmad Aminudin. 2021. Pengaruh Bahan Bakar LPG Sistem Manifold Injeksi Terhadap Performa Single Cylinder Spark Ignition Engine. Journal of Mechanical Engineering Science Innovation. 1(1).
<https://ejurnal.itats.ac.id/jmesi/article/view/1757>
 - Nasrul Iminnafik, Aris Zainul Muttaqin, Agus Triono, . 2020. Analisis Thermal Kolektor Pemanas Air yang Dilengkapi PCM Parafin - Mentega. Jurnal Energi dan Teknologi Manufaktur. 3(2). <http://jetm.polinema.ac.id/index.php/JETM/article/view/14>
 - Nasrul Iminnafik, Gaguk Jatisukanto, . 2020. Pengaruh Medan Elektromagnetik pada Prestasi Mesin Motor Bakar Empat Langkah dengan Bahan Bakar Gas. TURBO: Jurnal Program Studi Teknik Mesin. 9(1). <http://ojs.umm metro.ac.id/index.php/turbo/article/view/1117>
 - Nasrul Iminnafik, Gaguk Jatisukanto, Ahmad Adib Rosyadi, . 2020. Pengaruh Katalis Zeolit Alam pada Pirolisis Plastik Polyethylene Terephthalate dan Polypropylene. Jurnal Energi dan Manufaktur. 13(1). <https://ojs.unud.ac.id/index.php/jem/article/view/59603/35029>
 - Nasrul Iminnafik, . 2020. Karakteristik Spray Bahan Bakar Campuran Minyak Diesel dan Biodiesel Callophyllum Inophyllum. Jurnal ROTOR. 13(1).



<https://jurnal.unej.ac.id/index.php/RTR/article/view/19589>

- Franciscus Xaverius Kristianta, Nasrul Iminnafik, . 2019. Analisa Laju Pelepasan Kalor Kondensor 10 U dan Separation Condenser Dengan Penambahan Subcooler Terhadap Koefisien Prestasi Mesin Pendingin Refrigerator Menggunakan Refrigerant Liquefied Petroleum Gas. Jurnal Energi dan Teknologi Manufaktur (JETM). 2(2). <http://jetm.polinema.ac.id/index.php/JETM/article/view/12>
- Nasrul Iminnafik, Dedi Dwilaksana, ST., MT. 2019. Analisis Pengendalian Kualitas Cacat Produk Kaleng 307 di PT.X Menggunakan Metode Six Sigma. Jurnal Energi dan Manufaktur. 12(2). <https://ojs.unud.ac.id/index.php/jem/article/view/49395/32628>
- Nasrul Iminnafik, Hary Sutjahjono, ST., MT., Hari Arbiantara Basuki, ST., MT., Ir. Digo Listyadi S., M.Sc.. 2019. Karakteristik Biodiesel dari Minyak Biji Randu (Ceiba Pentandra) dengan Proses Transesterifikasi Menggunakan Katalis NaOH. Jurnal Energi dan Manufaktur. 12(1). <https://ojs.unud.ac.id/index.php/jem/issue/view/3118>
- Gaguk Jatisukanto, Nasrul Iminnafik, . 2018. Analisis Struktur Statis Provision Crane Dengan Software Ansys 16.2. Jurnal Rotor. 11(1). <https://jurnal.unej.ac.id/index.php/RTR/issue/view/702>
- M Fahrur Rozy Hentihu, Nasrul Iminnafik, . 2018. Analisa Torsi Motor Bakar 4 Tak Berbahan Bakar LPG Dengan Penambahan Turbulator Pada Intake Manifold. STATOR. Volume 1(1). <https://jurnal.unej.ac.id/index.php/STATOR/article/view/7483>
- Danang Yudistiro, Nasrul Iminnafik, Masruri Wardhana. 2017. Pengaruh Panjang Pipa Katalis Pada HCS (Hydrocarbon Cracking System) Terhadap Performa Motor Bakar 4-Langkah. Jurnal Teknik Mesin Elemen. 4(2). <http://je.politala.ac.id/index.php/JE/article/view/28>
- Nasrul Iminnafik, Frenico A. O. . 2016. KARAKTERISTIK API SYNGAS PADA GASIFIKASI DOWNDRAFT DENGAN BAHAN BIOMASSA SEKAM PADI. Jurnal ROTOR. 9(1). <http://jurnal.unej.ac.id/index.php/RTR/issue/archive>
- Alfian Futuhul Hadi, Nasrul Iminnafik, Halimatus Sa'diyah, . 2016. PENGEMBANGAN USAHA TEPUNG IKAN DI DESA NELAYAN PUGER WETAN. Asian Journal of Innovation and Entrepreneurship. 01(01). <https://journal.uui.ac.id/ajie/article/view/4565>
- Nasrul Iminnafik, . 2016. PENGEMBANGAN USAHA TEPUNG IKAN DI DESA NELAYAN PUGER WETAN . AJIE - Asian Journal of Innovation and Entrepreneurship. 1(1). <https://journal.uui.ac.id/ajie/article/view/4565>
- Nasrul Iminnafik, Salahuddin Junus, KURNIA DWI ARTIKA, . 2012. KAJIAN DAYA INHIBISI Na₂CrO₄ TERHADAP LAJU KOROSI BAJA KARBON NS 1045 PADA MEDIA H₂SO₄. Jurnal Teknologi dan Industri. 2(1). <http://jurnal.politala.ac.id/index.php/JTI/article/view/17>

B. Jurnal Internasional

- Andi Sanata, Imam Sholahuddin, Franciscus Xaverius Kristianta, Nasrul Iminnafik, Muhammad Maulana Asyhar, Hendry Y. Nanlohy. 2024. Characterization of Combustion in Cylindrical Meso-Scale Combustor with Wire Mesh Flame Holder as Initiation of Energy



Source for Future Vehicles. Automotive Experiences. 7(1).
<https://journal.unimma.ac.id/index.php/AutomotiveExperiences/article/view/10715>

- Franciscus Xaverius Kristianta, Salahuddin Junus, Nasrul Ilminnafik, Mochamad Asrofi, Dedi Dwilaksana, Digdo Listyadi Setyawan, Rahma Rei Sakura, Dr. Melbi Mahardika, S.T., Dr. Putri Amanda, R.A. Ilyas, PhD. 2023. Edible Film Biocomposite based on Cassava Starch/Soy Lecithin Reinforced by Sugarcane Bagasse Fiber: Mechanical, Morphological and Moisture Properties. BIO Web of Conferences. 69(03019).
<http://dx.doi.org/10.1051/bioconf/20236903019>
- Yuni Hermawan, Nasrul Ilminnafik, Salahuddin Junus, Muh. Nurkoyim Kustanto, . 2023. CHARACTERIZATION OF PREMIXED FLAMES WITH ETHANOL FUEL AFFECTED BY MAGNETIC FIELD INDUCTION. International Journal of Emerging Trends in Engineering Research(IJETER). 11(2). <https://www.warse.org/IJETER/>
- Nasrul Ilminnafik, Muh. Nurkoyim Kustanto, Yuni Hermawan, Salahuddin Junus, . 2023. The Effect of Magnetic Field on Premixed Flame of Biodiesel Fuel Calophyllum Inophyllum B0, B50, and B100. IJETER. 11(2).
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- Digdo Listyadi Setyawan, Hary Sutjahjono, Nasrul Ilminnafik, Intan Hardiatama, Allisa Salwasana. 2022. THE EFFECT OF CHIMNEY HEIGHT ON STOVE ON THE PERFORMANCE OF TOP LIT UP DRAFT GASIFICATION STOVE [TLUD]. Gongcheng Kexue Yu Jishu/Advanced Engineering Science | AES. 54(07). <https://www.gkyj-aes-20963246.com/>
- Hary Sutjahjono, Intan Hardiatama, Digdo Listyadi Setyawan, Nasrul Ilminnafik, ALLISA SALWASANA. 2022. The Effect of Chimney Height on Stove on the Performance of Top Lit up Draft Gasification Stove [TLUD]. Gongcheng Kexue Yu Jishu/Advanced Engineering Science. 54(7). <https://www.gkyj-aes-20963246.com/>
- Hary Sutjahjono, Digdo Listyadi Setyawan, Intan Hardiatama, Nasrul Ilminnafik, aliisa salwasana. 2022. The Effect of Chimney Height on Stove on the Performance of Top Lit up Draft Gasification Stove [TLUD]. Gongcheng Kexue Yu Jishu/Advanced Engineering Science. 54(7). <https://www.gkyj-aes-20963246.com/>
- Nasrul Ilminnafik, Intan Hardiatama, Hary Sutjahjono, Digdo Listyadi Setyawan, Allisa Salwasana. 2022. THE EFFECT OF CHIMNEY HEIGHT ON STOVE ON THE PERFORMANCE OF TOP LIT UP DRAFT GASIFICATION STOVE [TLUD]. Gongcheng Kexue Yu Jishu/Advanced Engineering Science. 54(07). <https://www.gkyj-aes-20963246.com/>
- Salahuddin Junus, Nasrul Ilminnafik, Mahros Darsin, Gaguk Jatisukamto, Aidin Bentar, Fabrobi F.Ridha. 2022. Analysis of Rice Straw and Ijuk Fiber Composite for Lightweight Material Applications. Gongcheng Kexue Yu Jishu/Advanced Engineering Science Journal. 54(-).
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- Nasrul Ilminnafik, Muh. Nurkoyim Kustanto, Rima zidni karimatan nisak, Atlanta iwananda. 2022. PERFORMANCE AND EMISSIONS OF A DIESEL POWER GENERATOR FUELLED BY BIODIESEL CALOPHYLLUM INOPHYLLUM - ETHANOL BLENDS. Gongcheng Kexue Yu Jishu/Advanced Engineering Science. 54(4). <https://www.gkyj-aes-20963246.com/article/performance-and-emissions-of-a-diesel-power-generator-fuelled-by-biodiesel-calophyllum-inophyllum-ethanol-blends>
- Nasrul Ilminnafik, Muh. Nurkoyim Kustanto, Rima zidni karimatan nisak, Atlanta iwananda. 2022. Performance and Emissions of a Diesel Power Generator Fuelled by Biodiesel Calophyllum Inophyllum - Ethanol Blends. Gongcheng Kexue Yu Jishu/Advanced Engineering Science. 54(4). <https://www.gkyj-aes-20963246.com/article/performance-and-emissions-of-a-diesel-power-generator-fuelled-by-biodiesel-calophyllum-inophyllum-ethanol-blends>
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E. Buku (Book Chapter)

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F. Naskah Akademik/Legal Opinion/Memorandum

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G. Narasumber, Pemakalah dan/atau Pelatihan

Tahun	Nama Kegiatan	Penyelenggara	Status
2022	WORKSHOP PENYUSUNAN PERANGKAT PEMBELAJARAN CASE METHOD DAN TEAM PROJECT - BASED PROJECT	Universitas Jember	Berperan serta aktif dalam pertemuan ilmiah (SRD) - Di lingkungan perguruan tinggi sebagai anggota/peserta
2022	Webinar part 2: Recent Research to Achieve Net- Zero Emission by 2050 for Automotive Sector	ITATS Surabaya	Berperan serta aktif dalam pertemuan ilmiah (SRD) - Tingkat internasional/nasional/regional sebagai anggota/peserta

H. HKI/Paten/TTG

Tahun	Judul	Jenis	No/Indentitas
2021	PROSES PEMBUATAN BRIKET AMPAS TEBU DENGAN PEREKAT LIGNINNYA	Paten Biasa	IDP000075873