

J MEDIA KOMUNIKASI TEKNOLOGI URNAL IPTEK

Swing and Electrode Diameter Effects on Toughness and Hardness of Stainless Steel 304 MIG Welding Results

Fahrizal Alifian, Eko Agung Setiawan, Afira Ainur Rosidah

Cost Benefit Analysis of Energy Retrofitting with the Addition of Ventilation Holes in Middle Low-Income Houshold Buildings

Rhesa A. Elvarettmo, Nur L. Hamidah, Mohamad F.N. Aulady

Implementation of The Last Planner System (On The Construction Project of Al-Falah Junior High School)

Ahmad Fadhil Ferdiandika, Felicia T. Nuciferani, Siti Choiriyah, Feri Harianto

IUtilization of Hospital Solid Waste as Paving Blocks

Intan Dwi Wahyu Setyo Rini, Fadilah Afdalya Lukman, Adrian Gunawan

Inverse Distance Weighted Methods in Groundwater Modelling Ponjong Area, Gunung Kidul Regency, Special Region of Yogyakarta, Indonesia

vellyn Shinthya Sari, Sari Bahagiarti Kusumayudha, Soeharsono, Corolus Prasetyadi

Implementation of Total Quality Management (TQM) and Malcolm Baldrige National Quality Award (MBNQA) for Work Quality Improvement

Moh. Nur Syaiin, Lukmandono

Manufacturing and Testing of Plastic Waste Recycling Machines Using a Screw Barrel System with Shredding and Extrusion Mechanisms

Azalia Fajri Yasin, Bintang Ekananda, Fatimah Arbiatun

Thermal Analysis of Greenhouse Environment Using Computational Fluid Dynamics (CFD), Case Study in ITERA

Nike Dwi Grevika Drantantiyas, Asyarf Nur Ramli, Ahmad Suaif, Listra Ginting Yehezkiel

Designing A Household Waste ShredderMachine Using The Quality Function Deployment Method

Fendy Nia Pradana, Ribangun Bamban Jakaria

Comparative Study on the Kinematic Performance of Front Wheel Drive (FWD) and Rear Wheel Drive (RWD) Vehicles

Reyhan Bahauddin Ramadhan Zuntion, Ahmad Yusuf Ismail

Editor-in-Chief
Syamsuri, ST., MT., Ph.D

Deputy Editor
Dr. Yustia Wulandari Mirzayanti, ST., MT

INTERNAL - REVIEWER (ITATS)
Achmad Chusnun Ni'am, S.Si., MT., Ph.D
Dr. Eng. Mohamad Ferdaus Noor Aulady, ST., MT., M.Sc
Dr. Agus Budianto, ST., MT
Dr. Ir. Minto Basuki, MT
Anindya Rachma Dwicahyani, ST., MT
Budanis Dwi Meilani, ST., M.Kom
Dr. Lukmandono, ST., MT
Dr. Rinci Kembang Hapsari, S.Si., M.Kom
Dr. Tutuk Indriyani, ST., M.Kom
Wahyu Setyo Pambudi, ST., MT
Andy Rachman, ST., M.Kom
Dr. Rony Prabowo, SE., ST., MT
Dr. Maritha Nilam Kusuma, ST., MT
Erifive Pranatal, ST., MT
Enggar Alfianto, S.Si., M.Si

EXTERNAL REVIEWER
Prof.Dr.Ir. Achmadi Susilo, MS
Universitas Wijaya Kusuma Surabaya, Indonesia
Prof. Dr. Elizabeth Titiek Winanti, M.S
Universitas Negeri Surabaya, Indonesia
Prof. Dr. Ir. Nyoman Puspa Asri, M.S
Universitas Ciputra, Indonesia
Dr. Abdul Ghofur, MT
Universitas Lambung Mangkurat, Indonesia
Dedy Zulhidayat Noor, ST., MT., Ph.D
Institut Teknologi Sepuluh Nopember Surabaya, Indonesia
Mujtahid Kaavessina, S.T., M.T., Ph.D
Sebelas Maret University, Indonesia
Ridho Hendra Yoga Perdana, S.ST., M.T
Hongik university, Korea
Dr. Vera Khoirunnisa, S.Si., M.T.
Institut Teknologi Sumatra

INTERNAL EDITOR - ITATS
Dr. Eng. Rizal Mahmud, S.Pd., M.T
Nanang Fakhur Rozi, S.ST., M.Kom
Hastawati Chrisna Suroso, ST., M.Sc
Isa Albanna, S.Si., M.Si
Talent Nia Pramestyawati, ST., MT
Adib Pakarbudi, S.Kom., M.Kom

EXTERNAL EDITOR
Vuri Ayu Setyowati, ST., M.Sc
Osaka University, Japan
Hasan Syafik Maulana, ST., M.Sc
National Taiwan University of Science and Technology,
Taiwan, Province of China
Fajar Rizki Widiatmoko, ST., M.Sc
National Dong Hwa University, Taiwan, Province of China
Erick Wahyu Restu Widodo, S.Si., M.T
(Shipbuilding Institute of Polytechnic Surabaya (SHIPS)-PPNS)
Dr. Erwin ST., MT
Universitas Sultan Ageng Tirtayasa
Yushintia Pramitarini, S.ST, M.T
Hongik University, South Korea

Mailing Address
Lembaga Penelitian dan Pengabdian kepada Masyarakat
Gedung A 1st floor, ITATS
Jl. Arief Rachman Hakim 100, Surabaya 60117
Email: iptek.journal@itats.ac.id

**YAYASAN
PENDIDIKAN TEKNIK
SURABAYA
(Y P T S)**

**INSTITUT
TEKNOLOGI ADHI TAMA
SURABAYA
(I T A T S)**

Teknik Sipil

Teknik Mesin

Teknik Elektro

Teknik Arsitektur

Teknik Informatika

Teknik Industri

Teknik Kimia

Teknik Lingkungan

Teknik Pertambangan

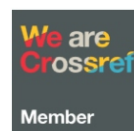
Desain Produk

Sistem Informasi

Indexed by:



Metadata :



Similarity Check :



Jurnal IPTEK - Media Komunikasi Teknologi,
published periodically twice a year
in May and December



1. **Swing and Electrode Diameter Effects on Toughness and Hardness of Stainless Steel 304 MIG Welding Results**
Fahrizal Alifian, Eko Agung Setiawan, Afira Ainur Rosidah 85–90
<https://doi.org/10.31284/j.ipitek.2024.v28i2.5375>
2. **Cost Benefit Analysis od Energy Retrofitting with the Addition of Ventilation Holes in Middle Low-Income Houshold Buildings**
Rhesa A. Elvaretno, Nur L. Hamidah, Mohamad F.N. Aulady 91–98
<https://doi.org/10.31284/j.ipitek.2024.v28i2.5852>
3. **Implementation of The Last Planner System (On The Construction Project of Al-Falah Junior High School)**
Ahmad Fadhil Ferdiandika, Felicia T. Nuciferani, Siti Choiriyah, Feri Harianto 99–106
<https://doi.org/10.31284/j.ipitek.2024.v28i2.5924>
4. **Utilization of Hospital Solid Waste as Paving Blocks**
Intan Dwi Wahyu Setyo Rini, Fadilah Afdalya Lukman, Adrian Gunawan 107–116
<https://doi.org/10.31284/j.ipitek.2024.v28i2.5964>
5. **Inverse Distance Weighted Methods in Groundwater Modelling Ponjong Area, Gunung Kidul Regency, Special Region of Yogyakarta, Indonesia**
Avellyn Shinthya Sari, Sari Bahagiarti Kusumayudha, Soeharsono, Corolus Prasetyadi 117–128
<https://doi.org/10.31284/j.ipitek.2024.v28i2.5982>
6. **Implementation of Total Quality Management (TQM) and Malcolm Baldrige National Quality Award (MBNQA) for Work Quality Improvement**
Moh. Nur Syaiin, Lukmandono 129–136
<https://doi.org/10.31284/j.ipitek.2024.v28i2.6478>
7. **Manufacturing and Testing of Plastic Waste Recycling Machines Using a Screw Barrel System with Shredding and Extrusion Mechanisms**
Azalia Fajri Yasin, Bintang Ekananda, Fatimah Arbiatun 137–152
<https://doi.org/10.31284/j.ipitek.2024.v28i2.6704>
8. **Thermal Analysis of Greenhouse Environment Using Computational Fluid Dynamics (CFD), Case Study in ITERA**
Nike Dwi Grevika Drantantiyas, Asyarf Nur Ramli, Ahmad Suaif, Listra Ginting Yehezkiel 153–160
<https://doi.org/10.31284/j.ipitek.2024.v28i2.6808>
9. **Designing A Household Waste ShredderMachine Using The Quality Function Deployment Method**
Fendy Nia Pradana, Ribangun Bamban Jakaria 161–168
<https://doi.org/10.31284/j.ipitek.2024.v28i2.6834>

10. Comparative Study on the Kinematic Performance of Front Wheel Drive (FWD) and Rear Wheel Drive (RWD) Vehicles

Reyhan Bahauddin Ramadhan Zuntion, Ahmad Yusuf Ismail

169–177

<https://doi.org/10.31284/j.iptek.2024.v28i2.6836>

AUTHOR AFFILIATION

Swing and Electrode Diameter Effects on Toughness and Hardness of Stainless Steel 304 MIG Welding Results
<i>Fahrizal Alifian¹, Eko Agung Setiawan², and Afira Ainur Rosidah³</i>
<i>Mechanical Engineering, Institut Teknologi Adhi Tama Surabaya^{1,2,3}</i>

Cost Benefit Analysis of Energy Retrofitting with the Addition of Ventilation Holes in Middle Low-Income Household Buildings
<i>Rhesa A. Elvaretno¹, Nur L. Hamidah², and Mohamad F.N. Aulady³</i>
<i>Departemen Teknik Fisika, Fakultas Teknologi Industri dan Rekayasa Sistem, Institut Teknologi Sepuluh November^{1,2}</i>
<i>Departemen Teknik Sipil, Fakultas Teknik Sipil dan Perencanaan, Institut Teknologi Adhi Tama Surabaya³</i>

Implementation of The Last Planner System (On The Construction Project of Al-Falah Junior High School)
<i>Ahmad Fadhil Ferdiandika¹, Felicia T. Nuciferani², Siti Choiriyah³, Feri Harianto⁴</i>
<i>Department of Civil Engineering, Adhi Tama Institute of Technology Surabaya^{1,2,3,4}</i>

Utilization of Hospital Solid Waste as Paving Blocks
<i>Intan Dwi Wahyu Setyo Rini¹, Fadilah Afdalya Lukman², and Adrian Gunawan³</i>
<i>Program Studi Teknik Lingkungan, Institut Teknologi Kalimantan^{1,2}, Program Studi Teknik Kimia, Institut Teknologi Kalimantan³</i>

Inverse Distance Weighted Methods in Groundwater Modelling Ponjong Area, Gunung Kidul Regency, Special Region of Yogyakarta, Indonesia
<i>Avellyn Shinthya Sari¹, Sari Bahagiarti Kusumayudha², Soeharsono³, Corolus Prasetyadi⁴</i>
<i>Department of Geological Engineering, Universitas Pembangunan Veteran Yogyakarta^{1,2,3,4}</i>

Implementation of Total Quality Management (TQM) and Malcolm Baldrige National Quality Award (MBNQA) for Work Quality Improvement
<i>Moh. Nur Syaiin¹, and Lukmandono²</i>
<i>Master of Industrial Engineering Institut Teknologi Adhi Tama Surabaya^{1,2}</i>

Manufacturing and Testing of Plastic Waste Recycling Machines Using a Screw Barrel System with Shredding and Extrusion Mechanisms
<i>Azalia Fajri Yasin¹, Bintang Ekananda², Fatimah Arbiatun³</i>
<i>Department of Environmental Engineering, Muhammadiyah University of Sorong^{1,2,3}</i>

Thermal Analysis of Greenhouse Environment Using Computational Fluid Dynamics (CFD), Case Study in ITERA
<i>Nike Dwi Grevika Drantantiyas¹, Asyarf Nur Ramli², Ahmad Suai³ and Listra Ginting Yehezkiel⁴</i>
<i>Engineering Physics Program, Faculty of Industrial Technology, Institute Technology of Sumatera, Indonesia ^{1,2,3,4}</i>
Designing A Household Waste ShredderMachine Using The Quality Function Deployment Method
<i>Fendy Nia Pradana¹, Ribangun Bamban Jakaria ²</i>
<i>Universitas muhammadiyah Sidoarjo^{1, 2}</i>
Comparative Study on the Kinematic Performance of Front Wheel Drive (FWD) and Rear Wheel Drive (RWD) Vehicles
<i>Reyhan Bahauddin Ramadhan Zuntion¹, Ahmad Yusuf Ismail²</i>
<i>School of Mechanical Engineering, Institut Teknologi Adhi Tama Surabaya ^{1,2}</i>

JURNAL IPTEK

Alamat Redaksi:

LPPM - ITATS

Jl. Arief Rachman Hakim 100 Surabaya 60117

Telp/fax: 031-5997244

<http://ejurnal.itats.ac.id/index.php/iptek>