INTEK

(INFORMASI TEKNOLOGI) :

JURNAL PENELITIAN

INTEK | VOL. 11 | NO.1 | Hlm. 1-69 | Makassar April 2024 | ISSN 2339-0700

EDITORIAL BOARD OF INTEK: JURNAL PENELITIAN

STATE POLYTECHNIC OF UJUNG PANDANG

Editor In Chief

Dr.Eng. Abdul Kadir Muhammad S.T.,M.Eng., State Polytechnic of Ujung Pandang

Associate Editors

Assoc. Professor Ahmad Abu Siada, Ph.D., Curtin University

Prof. Dr. Shingo Okamoto, Ehime University

Yanuar Z. Arief, Dr.Eng., C.Eng., University Technology Malaysia

Dr. Tony Hadibarata, University Technology Malaysia

Parachai Juanuwattanakul, Ph.D., Sripatum University

Dedet Chandra Riawan, S.T., M.Eng.Sc., Ph.D., Sepuluh November Institute of Technology

Yusril Syam Akil, S.T.,M.T.,Ph.D., Hasanuddin University

Setyawati Yani, S.T.,M.T.,Ph.D., Indonesia Muslim University

Vilia Darma Paramita, STP., M.Food,Sc.,Ph.D., State Polytechnic of Ujung Pandang, Indonesia

Layout & IT

Serpian, S.ST., M.AB, State Polytechnic of Ujung Pandang

Administration

Maryani S.E, State Polytechnic of Ujung Pandang

INTEK : JURNAL PENELITIAN

ISSN 2339-0700
E-ISSN 2615-5427
April 2024, Vol. 11, No. 1
Halaman 1 -69

DAFTAR ISI

1 **Analysis of The Influence of CNC Milling Macro Programs and Sub-programs Mazak on The Effectiveness Manufacturing Cover of Pressure Cylinder Using CAM** 1-6
Muh. Nurul Haq Amaluddin, Ridwan Jamaludin, Al Mahdali
DOI: http://dx.doi.org/10.31963/intek.v11i1.4657

2 **Development of DCS SCADA Module for Factory I/O Pick and Place XYZ Case Based on Siemens S7-1200 PLC and HMI Excel Link** 7-12
Muhammad Fadli Azis, Lutfi Lutfi, Muh. Syaftar Amiruddin
DOI: http://dx.doi.org/10.31963/intek.v11i1.4734

3 **Optimizing the Use of Palm Fiber to Increase Stability and Deformation Resistance in Asphalt Concrete Mixes** 13-25
Andi Alifuddin, Asma Massara, Vadhel Muhammad, Nurul Ihsani Mardin
DOI: http://dx.doi.org/10.31963/intek.v11i1.4745

4 **Purification of Used Engine Oil by Pyrolysis– Adsorption Method Assisted Coal Activated Carbon** 26-30
Alwathan Alwathan, Siti Hamidah Mohd-Setapar, Muh. Irwan, Ramli Thahir, Harjanto Harjanto, Wahyudi Wahyudi, Sirajuddin Sirajuddin, Damianus Samosir, Sarifudin Okko, Sekar Ayu, Rahmat Budi Toyo, Muhammad Reza Fadilah
DOI: http://dx.doi.org/10.31963/intek.v11i1.4685

5 **SAFE LOCK SECURITY PROTOTYPE USING FINGERPRINT AND PIN** 31-36
Abdul Zain, Muh Ikhsan Amar, Aprizal Resky, Andi Ika Putriani, Nur Imansyah
DOI: http://dx.doi.org/10.31963/intek.v11i1.4780

6 **Sentiment Analysis Classification on PLN Mobile Application Reviews using Random Forest Method and TF-IDF Feature Extraction** 37-43
Muhamad Dafa Rizkiyanto, Mahendra Dwifebri Purbolaksono, Widi Astuti
DOI: http://dx.doi.org/10.31963/intek.v11i1.4774

7 **Analyzing Public Sentiments on Disaster Relief Efforts Through Social Media Data** 44-50
Muhammad Rafi Fakhruddin, Rifki Wijaya, Moch Arif Bijaksana
DOI: http://dx.doi.org/10.31963/intek.v11i1.4773

8 **Sentimen Analysis Social Media for Disaster using Naïve Bayes and IndoBERT** 51-58
Sri Mulyani Anugerah, Rifki Wijaya, Moch Arif Bijaksana
DOI: http://dx.doi.org/10.31963/intek.v11i1.4771

9 **Determination of Flocculant Concentration to Increase Quality of Dilute SAP in Sugar Mills** 59-64
Fitri Junianti, Idi Amin, Sahira Salsabila, Rianti Indah Lestari
DOI: http://dx.doi.org/10.31963/intek.v11i1.4750

10 **SCADA Monitoring Design Using Multiple Siemens PLCs Based on a LAN Network** 65-69
Wahidah Wahidah, Asyraful Insan, Muhammad Rasul
DOI: http://dx.doi.org/10.31963/intek.v11i1.4686