

Subject Index

3

3D printer, 48, 49
3D printing, 48, 49, 50, 51, 52

A

AAS, 8, 9, 12
abnormal, 36, 37, 41
accelerometer, 36
Aceh, 53, 54, 57, 81
activated carbon, 1, 2, 3, 4, 5, 6, 7
activated carbon yield, 1, 2, 3, 4, 5, 6
activation, 1, 2, 3, 4, 5, 6, 7, 21, 22, 24, 25
activation temperature, 1, 2, 3, 4, 5, 6
activation time, 1, 2, 3, 4, 5, 6
Age, 73
agriculture, 2
air, 2, 7, 8, 15, 16, 17, 34, 45, 75, 92, 93, 106, 108
algorithm, 37, 38, 82, 83, 86, 87, 88
Alkaline, 9, 23, 79
amplitude, 35, 36, 37, 38
analysis, 1, 3, 7, 9, 13, 15, 17, 18, 19, 20, 22, 27, 28, 29, 33, 34, 35, 36, 37, 38, 40, 41, 42, 43, 44, 45, 46, 47, 54, 56, 57, 78, 79, 80, 90, 92, 93, 94, 99, 103, 104, 111
Animal, 15, 17
ANOVA, 1, 3, 5, 15, 17
Antioxidant, 95, 96, 97, 103
aplikasi, 42
ash content, 8, 9, 10, 14, 15, 16, 17, 18, 19
Ash content, 10, 18
Assessment, 45, 47, 112
atomic absorption spectrometry, 8

B

balance, 11, 16, 17, 36
Banten, 8, 9, 15, 21, 26, 27, 33, 35, 48, 78, 89, 95, 96, 100
biomass, 2, 58
Biscuit, 20
bleaching pretreatment, 8
boiling bones, 15
Bojonegara Highway, 26, 27, 29, 33
bone, 15, 16, 17, 18, 19, 20
Building, 21, 48, 111
burning, 53, 55, 67, 68, 75, 76

C

calcium, 9, 13, 15, 16, 17, 18, 19, 20, 54, 109
capabilities, 36
Carbohydrate, 14
carbon dioxide, 2
carbonization, 2, 7
carrageenan, 8, 9, 10, 11, 13, 14
change, 5, 16, 28, 36, 37, 39, 49, 51, 54, 68, 79, 92, 109
Characterization, 17, 54
charcoal, 1, 2, 54, 63, 65
chemical characteristics, 15, 16, 17, 18
chemical reagent, 1, 2, 6
Cilegon, 8, 21, 25, 26, 27, 33, 48, 78, 89, 95, 100
cleaning, 15
Coal, 58
cold rolling mill, 7
Color, 9, 11, 44, 45, 85
Color description, 44
combustion process, 54, 56, 57, 68, 70, 75, 92, 93
Commercial standard, 10, 11
Compaction, 28, 30
component, 7, 35, 37, 38, 60, 71, 74, 75
composition, 15, 16, 17, 18, 19, 20, 23, 27, 30, 53, 54, 55, 56, 99, 107
compressive strength, 27, 28, 30, 31, 33, 56, 57, 107, 109, 110
concentration, 1, 2, 3, 4, 5, 6, 8, 10, 14, 16, 20, 22, 23, 95, 109
conditions, 1, 2, 3, 4, 5, 8, 9, 16, 19, 26, 27, 29, 36, 41, 79, 82, 86, 92, 93, 106, 108
constant, 9, 22, 23, 24, 37, 87
continuous tandem cold mill, 7

Control, 45, 74, 93
conventional method, 36
Coronavirus, 49, 52
cost, 2, 41, 82, 83, 84, 86, 87, 107
COVID-19, 48, 49, 52
crucial property, 2
cylinder, 35, 36, 108

D

damage, 11, 17, 26, 35, 36, 38, 42, 43, 44, 45, 48, 51, 70, 79, 96
Data, 15, 17, 27, 41, 111
Decomposed, 23
defect, 89, 90, 91, 93
dehydration, 2, 19, 109
Density, 28, 29, 50, 85
design, 1, 2, 3, 7, 15, 17, 19, 37, 39, 48, 49, 50, 51, 58, 59, 60, 62, 65, 66, 68, 69, 72, 73, 74, 75, 77, 90, 107
Design, 3, 17, 49, 50, 51, 58, 60, 66, 67, 68, 69, 70, 73, 74, 105, 111
Development, 20, 35, 57, 110, 111
D-galactose, 8, 11
diagnostic, 36
Diagram, 59
differences, 15
Digital, 75
disaster, 43, 44, 46, 48
disaster mitigation, 43
Drying, 16, 18, 19, 97, 98
drying temperature, 15, 16, 17, 18, 19
drying time, 15, 17, 18, 19, 95, 96, 98, 104
duck, 15, 16, 17, 18, 19, 20
duck bone meal, 15, 16, 17, 18, 19
dunnage, 89
dynamic, 37, 83, 87

E

Effect, 4, 5, 9, 10, 11, 15, 19, 20, 22, 23, 86, 109, 110, 111, 112
Element, 23
emphasis, 57
energy, 2, 7, 16, 17, 20, 21, 22, 24, 25, 49, 59, 67, 68, 71, 78, 79, 83, 107
engine, 35, 36, 37, 38, 39, 40, 41, 50, 92, 93, 102
engine operation test, 36
Environment, 7, 52, 105, 111
equation, 2, 6, 22, 23, 24, 37, 55, 68, 73, 79, 80, 84, 86, 102, 103, 104
essential, 2, 15, 16, 26, 44, 50, 51, 60, 61, 82, 83, 99
essential evidence, 2
Estimation, 6, 105
Eucheuma cottonii, 8
evidence, 99
experiment, 1, 3, 6, 7, 39, 41, 50, 51
experimental, 1, 2, 3, 4, 6, 15, 105, 106
Extraction, 8, 9, 13, 14, 25, 54, 79, 96

F

factorial, 15, 17
FAO standard, 8, 9, 10
fast fourier transform, 35, 36, 42
Fat, 18
Fat content, 18
fault problem, 37
FFT, 35, 37, 40, 41, 42
fire safety risk assessment, 43, 44
Fish, 19, 20, 100
Fishbone, 92
flouring, 15
Food, 14, 15, 19, 20, 99
force, 11, 37, 49, 59, 60
frequency, 35, 36, 37, 38, 40, 41, 42, 62, 75, 90
frequency domain, 36, 37, 40
FSRA, 43, 44, 45
FTIR analysis, 8, 13
Function, 59, 60, 84

G

gel point, 8

Gel strength, 11
Gelling point, 10
Grain density, 28
Grain size, 28
Gravity, 33

H

Handle, 69
Hands-free, 48
Hardness, 56
hardness value, 55, 56, 57
Hazard, 43, 44, 45, 46, 47
hazard identification risk assessment, 43, 44
Hazard vulnerability analysis, 43, 44
Hazardous material, 44, 46
heavy metals, 8, 12, 14
High, 10, 42, 44, 45, 68, 85, 111
hill, 37
HIRA, 43, 44, 45
Hospital, 43, 44, 45, 46, 47
Hospital management, 44
Hot, 50, 111
Human, 44, 46
Human hazard, 44
HVA, 43, 44, 45, 46, 47
hydroxide, 1, 2, 8, 9, 10

I

Identification, 45, 46, 89
Identify, 59
Ilmenite, 21, 22, 23, 25
impregnation, 1, 2
impregnation-activation method, 1, 2
Indonesia, 1, 7, 8, 14, 15, 16, 19, 20, 21, 22, 25, 26, 35, 43, 44, 47, 49, 53, 54, 57, 58, 67, 78, 82, 89, 93, 95, 96, 99, 100
Industrial, 35, 53, 77, 89
Industry, 20
Innovative, 111, 112
input, 35, 39, 40, 59, 66, 70, 71
instrument, 37, 54, 75, 102
integral, 88
Interaction, 5
Interaction plot, 5
inverter, 68, 75, 77
iron, 22, 53, 54, 55, 56, 57, 67, 69, 70, 73, 74
iron sand, 53, 54, 55, 56, 57

J

Jakarta Medical Center Hospital, 43, 44
Jangilus, 16
JMCH, 43

K

Kalimantan, 21, 22, 25
kappa-carrageenan, 8
Karakteristik, 15, 19, 20, 42, 57
karbon, 1, 7, 53
Knowledge, 42
KOH, 1, 2, 3, 4, 5, 6, 9, 10, 11, 22, 25

L

Leach, 23
level, 1, 2, 3, 5, 6, 16, 18, 19, 22, 35, 36, 37, 38, 44, 45, 46, 61, 62, 70, 79, 84, 85, 90
Likelihood, 44
Liquid limit, 32
load, 35, 36, 37, 38, 39, 40, 41, 50, 51, 55, 56, 63, 72, 75, 78, 79, 80, 81, 82, 83, 84, 85, 87, 100
Load-cell, 38
loading, 36, 37, 40, 41, 84, 87
lontar, 8
Low, 17, 44, 45, 52, 79, 80, 85, 93

M

machine, 9, 35, 36, 37, 38, 40, 41, 42, 49, 50, 58, 59, 61, 62, 65, 66, 68, 74, 89, 92, 93
magnetite phase, 53, 57
Magnitude, 41
maintenance, 35, 41, 42, 46, 66, 70, 89, 92, 93

malfunction, 37
Mapping, 85
material, 2, 9, 10, 16, 17, 18, 19, 27, 28, 30, 31, 33, 44, 49, 53, 54, 56, 57, 58, 59, 60, 61, 62, 66, 67, 68, 69, 70, 72, 73, 74, 76, 77, 86, 100, 101, 106, 107, 111
mathematical equation, 36, 37
maximum, 4, 6, 10, 17, 18, 21, 22, 26, 28, 29, 30, 33, 37, 51, 67, 68, 70, 76, 79, 80, 83, 84, 107, 109
meal, 15, 16, 17, 18, 19
measure, 11, 36, 38, 44, 54, 64, 75, 79, 90, 102
Measure, 90
Measurement, 2, 41, 96
mechanical properties, 50, 54, 57, 106, 111
Medium, 79, 85
melting point, 8, 9, 10, 11, 14
metode Taguchi, 1, 7
Microscope, 54
milling, 2, 54, 57
minimum, 11, 64, 68, 69, 79, 84, 86, 87, 109, 110
minor, 35, 45, 46
Mitigation, 44
model, 1, 6, 22, 23, 36, 42, 47, 75, 89, 90, 94, 100, 101, 102, 103, 104, 108
Moisture content, 17, 18
monitoring, 35, 36, 37, 38, 39, 40
monitoring device, 35, 36, 37
monitoring tool, 36
Morphology, 13, 60
motion, 36, 37, 71, 89, 93, 103
motor, 36, 37, 38, 39, 40, 41, 42, 58, 60, 61, 64, 66
Motor, 38, 58, 66
mounting, 55, 56
movement, 36, 37, 49, 83, 89
multiple regression, 1, 6

N

Natural disaster, 44, 46
natural raw material, 2
nature, 26, 36, 86
neural network, 42
normal state, 37
Nutrition, 17, 19, 20

O

observation, 90, 109
optimal level, 1, 3, 4, 6
optimization, 1, 3, 6, 7, 83, 87, 88
Optimization, 1, 3, 7, 82
Optimum, 6
orthogonal, 1, 3
oscillatory, 37
Osteoporosis, 20
Output, 72, 76

P

palm plant, 8
Pandemic, 52
parallel, 4, 37, 51
parameter, 1, 3, 4, 5, 21, 36, 50, 84, 86, 103, 104
parameters, 1, 2, 3, 4, 5, 6, 17, 21, 36, 50, 51, 83, 84, 87, 103, 104
pellet, 53, 54, 55, 56, 57
pellet making process, 56
pellet reduction, 54
period, 2, 11, 36, 53, 82, 84, 102, 109
periodic, 37
pharmaceutical wastes, 2
phosphorus, 15, 16, 17, 19
Physiochemical properties, 8
Planning, 52, 87
plat, 67
position, 36, 37, 38, 102
potassium, 1, 2, 8, 9, 10, 13, 16
Powder, 96
power, 11, 37, 39, 51, 59, 61, 63, 67, 68, 71, 72, 74, 75, 76, 78, 79, 82, 83, 85, 87, 88
Predicted, 6
Prediction, 6
predominant, 54
Pressure, 70, 77
pretreatment, 8, 9
Printing, 50, 51, 52, 65

Probability, 44, 46
process, 1, 2, 3, 4, 5, 6, 9, 10, 11, 12, 13, 16, 17, 18, 19, 21, 22, 23, 24, 25, 27, 32, 35, 37, 38, 39, 40, 45, 49, 50, 51, 53, 54, 55, 56, 57, 61, 62, 68, 70, 71, 74, 75, 76, 80, 83, 85, 89, 90, 93, 106
processing, 4, 10, 15, 16, 17, 18, 19, 27, 32, 54, 59, 67, 68, 79, 89, 90, 93, 99, 103
Product, 17, 61, 62
program, 36, 37, 40, 43, 46, 70, 83, 86
propagation, 37
properties, 8, 9, 10, 16, 19, 22, 27, 28, 33, 49, 53, 54, 55, 57, 99, 106, 107, 111
property, 17
Protein, 18
prototype, 35, 36, 37, 39, 41
proximate, 15, 20
pupuk, 19
Purity, 23

Q

quality, 3, 8, 9, 10, 12, 14, 15, 16, 17, 19, 35, 47, 50, 58, 61, 62, 78, 79, 80, 89, 90, 92, 99

R

radio, 37
radio wave, 37
randomized experimental design, 15
range, 16, 19, 23, 37, 44, 55, 79, 80, 97, 109
ratio, 1, 2, 3, 4, 6, 16, 17, 22, 27, 28, 33, 49, 54, 64, 90, 95, 96, 106, 107
raw, 1, 16, 19, 21, 53, 54, 55, 56, 57, 58, 89, 90, 92, 93, 97, 110
raw material, 1, 16, 19, 21, 53, 54, 55, 56, 57, 58, 89, 90, 92, 93, 97
reagent, 2
real-time, 36
red algae, 8, 11, 14
reduction, 11, 53, 54, 55, 56, 57, 80, 109, 110
reduction process, 54, 55, 56
regression, 6, 102, 103, 104
regular, 37, 48, 70, 92
Research, 7, 9, 11, 14, 17, 19, 22, 25, 27, 36, 41, 49, 51, 54, 57, 59, 77, 79, 83, 85, 87, 90, 96, 98, 99, 101, 104, 105, 107, 111
result, 8, 9, 11, 15, 17, 18, 26, 29, 38, 40, 41, 43, 44, 45, 50, 51, 78, 83, 86, 87, 90, 102, 109
results, 1, 4, 5, 6, 8, 10, 11, 12, 13, 14, 18, 19, 22, 23, 25, 28, 29, 30, 31, 32, 33, 35, 36, 40, 41, 43, 44, 45, 46, 51, 53, 54, 55, 56, 57, 65, 66, 68, 72, 75, 76, 78, 79, 80, 82, 83, 84, 86, 87, 90, 91, 93, 95, 97, 98, 100, 102, 103, 104, 106
Risk, 44, 45, 46, 93
Risk factor, 44
Risk level, 44, 45
rotating, 35, 37, 39, 40, 41, 42
RPM, 37, 39, 40, 41

S

Sand, 108
Scale, 62
Seaweed, 8, 9, 13, 79
Selection, 3, 61, 62
semi refined carrageenan, 8, 12, 13, 14
semi-refined carrageenan, 8, 9, 14
sensor, 35, 36, 37, 38, 39, 40
Serang, 15, 26, 27, 29, 33, 34
Signal, 4, 36
signal-to-noise, 1
significant, 1, 3, 4, 5, 6, 9, 10, 15, 16, 17, 18, 19, 22, 23, 26, 31, 32, 33, 41, 44, 56, 67, 78, 79, 80, 83, 84, 87, 109
Siklus, 20
silicon, 13
SNI, 15, 17, 18, 20, 27, 34, 95, 97, 98, 104
soil, 16, 26, 27, 28, 29, 30, 31, 32, 33, 34, 100, 107, 111
Soil improvement, 26
Soil liquid limit, 29
Soil plastic limit, 29
Solid, 14, 19
South Aceh, 53, 54, 56, 57
South Kalimantan, 21, 22, 23, 25
specific, 10, 29, 33, 36, 37, 38, 44, 46, 65, 68, 90, 96, 107, 109
Specimen, 108
Spectrum, 9

sponge iron, 53, 54, 55, 56, 57
SRC, 8, 9, 10, 11, 12, 13, 14
SRC product, 8, 9, 14
steam, 2, 7, 68, 69, 70, 71, 72, 73, 75, 76
steel slag, 26, 27, 28, 30, 31, 32, 33
steel slag waste, 26, 27
storage, 2, 7, 45, 70, 71, 89, 107
strength, 8, 9, 10, 11, 13, 14, 26, 27, 31, 49, 50, 51, 56, 65, 83, 107, 108, 109, 111
Sulfate, 10
sulfate content, 8, 10, 11, 14
Sulfate content, 10
sulfated galactan, 8
supercapacitor, 2
synthesis, 1, 2, 3, 5, 22, 25, 96
system, 3, 27, 28, 29, 33, 35, 36, 37, 39, 44, 46, 47, 48, 49, 51, 58, 59, 60, 68, 74, 75, 78, 79, 82, 83, 87, 89, 90, 94

T

Taguchi method, 1, 3, 6
Techniques, 54
Technological hazard, 44
Technology, 1, 7, 15, 19, 20, 21, 42, 46, 52, 57, 88, 95, 98, 99, 105, 110, 111, 112
temperature, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 14, 16, 17, 18, 19, 21, 22, 23, 24, 25, 28, 37, 50, 53, 54, 55, 65, 67, 68, 70, 75, 76, 77, 96, 97, 106, 107, 108, 109, 110, 111
Test, 27, 28, 29, 30, 31, 32, 33, 34, 54, 55, 56, 76, 96, 97, 103
Testing, 3, 9, 27, 28, 29, 32, 33, 54, 55, 108, 112
the highest carbon content, 2
the lower ash contents, 2
the machine operation, 37
time, 2, 3, 4, 5, 6, 8, 9, 10, 11, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 27, 29, 31, 32, 33, 35, 36, 37, 42, 50, 51, 54, 55, 58, 76, 79, 82, 83, 86, 87, 90, 95, 96, 97, 98, 100, 107, 109
top, 28, 37, 50, 101
treatment, 9, 13, 15, 17, 18, 19, 25, 31, 32, 44, 45, 56, 68, 95, 96, 97, 98, 104
turbine, 66, 67, 77

U

unbalance condition, 36
unconfined compressive strength, 26, 27, 28, 29, 30, 31, 32, 34

V

valuable, 2, 16, 22, 26
valuable material, 2
Value, 31, 50, 62
Variance, 5
Variation, 9, 10, 11, 30, 97
vibration monitor, 35, 36, 37, 38, 39, 40
vibration monitoring system, 35, 39
Viscosity, 9, 11, 97, 98
viscosity seven, 8
Vishay, 37, 38
Vulnerability, 46, 47

W

waste, 7, 15, 16, 17, 19, 20, 26, 27, 44, 45, 46, 54, 58, 67, 68, 74, 75, 76, 89, 90, 93, 94, 96, 106
water, 2, 7, 8, 9, 10, 16, 17, 18, 22, 27, 28, 29, 30, 32, 34, 44, 49, 55, 58, 66, 68, 69, 70, 74, 79, 89, 93, 96, 99, 100, 101, 102, 103, 105, 106, 107, 108, 109, 110, 111, 112
Water absorption, 108, 110
water content, 8, 9, 16, 17, 18, 27, 28, 29, 30, 34, 89
water purification, 2, 7
water treatment processing, 2
Weight, 55, 62
whiteness, 8, 16
wiring, 38
wood, 1, 2, 3, 54, 58, 67, 75, 76, 92, 93, 103
wood charcoal, 1, 2, 3, 54

X

x-ray, 22, 54, 57

Author Index

A

Aaron Aboshio, 106
Abubakar Mohammed, 106
Agusutrisno Agusutrisno, 78
Ahmad Husni Bahrudin, 58
Ahmad Shulhany, 78, 100
Aisah Rosani, 21
Alika Arum Daniya, 95
Angga Nugraha, 15
Arif Satriya Wijayanto, 8
Asep Ikkal Maulan, 8

B

Barlin Barlin, 1
Bayu Bagoes Wicaksono, 78

D

Dandy Abdul Rahman, 82
Dani Oktariansyah, 67
Denni Kartika Sari, 8
Dhidik Mahandika, 58

E

Efis Muafin Aulawi, 67
Eka Maulana, 58
Enden Mina, 26
Erlina Yustanti, 21
Evi Febianti, 89

F

Fachri Agung, 35

H

Heri Heriyanto, 8
Hutssy Elya Nadyana, 95

I

Iip Muhlisin, 35
Indah Uswatun Hasanah, 48
Indar Kustiningsih, 8
Iwan Nugraha Gusniar, 67

J

Jimmy Trio Putra, 82
Jojo Sumarjo, 67

K

Kemal Mustafa, 67
Kulsum Kulsum, 89

L

Latifa Hanum Lalasari, 21

M

Marno Marno, 67
Masjudin Masjudin, 78
Muhammad Arrofiq, 82
Muhammad Faisal, 53
Muhammad Muhammad, 53
Muhammad Sayuti, 53
Muhammad Yusuf, 53

N

Nisaun Fadhilah, 82
Nurul Hikmah, 43
Nurul Qisti, 15

P

Priyanti Priyanti, 95

R

Rahman Faiz Suwandana, 48
Rama Indera Kusuma, 26
Reza Fawzi Rahman, 89
Reza Putra, 53
Rizki Abdul Rahman, 67

S

Subekti Subekti, 100

T

Tatan Sukwika, 43
Tri Partuti, 95

W

Wahyu Prabowo, 78
Wei-Chin Chang, 1

Z

Zulfatun Najah, 15



Acknowledgment

The Editorial Boards of Teknik: Jurnal Sains dan Teknologi in this issue Vol. 17, No. 1, June 2021 expressed the gratitude to the reviewers for their time and active participation in the process of reading the feasibility of the submission to the editor. The reviewers referred to are:

1. Prof. Dr. Ir. Winarto, M.Sc., Department of Metallurgy and Materials Engineering, Faculty of Engineering, Universitas Indonesia, Indonesia
2. Prof. Ir. Adit Kurniawan, M.Eng., Ph.D., Telecommunications Engineering Research Group, Institut Teknologi Bandung, Indonesia
3. Prof. Dr. Eng. Syamsul Hadi, S.T., M.T., Advanced Thermofluids Research Group, Department of Mechanical Engineering, Universitas Sebelas Maret Surakarta, Indonesia
4. Prof. Andi Adriansyah, M.Eng., Department of Electrical Engineering, Faculty of Engineering, Universitas Mercu Buana, Indonesia
5. Prof. Erma Suryani, ST., MT., Ph.D., Department of Information Systems, Faculty of Intelligent Electrical and Informatics Technology, Institut Teknologi Sepuluh Nopember, Indonesia
6. Prof. Dr. -ing. Asep Ridwan, ST., MT., IPM., Department of Industrial Engineering, Faculty of Engineering, Universitas Sultan Ageng Tirtayasa, Indonesia
7. Assoc. Prof. Dr. Ir. Supriyanto, M.Sc., IPM., Department of Electrical Engineering, Faculty of Engineering, Universitas Sultan Ageng Tirtayasa, Indonesia
8. Assoc. Prof. Dr. Wahyu Susihono, ST., MT., Department of Industrial Engineering, Faculty of Engineering, Universitas Sultan Ageng Tirtayasa, Indonesia
9. Assoc. Prof. Daeng Paroka, ST., MT., Ph.D., Department of Ocean Engineering, Faculty of Engineering, Universitas Hasanuddin, Indonesia
10. Assoc. Prof. Dr. Romi Wiryadinata, M.Eng., Department of Electrical Engineering, Faculty of Engineering, Universitas Sultan Ageng Tirtayasa, Indonesia
11. Assoc. Prof. Dr. Amalia Sholehah, S.Si., M.Si., Department of Metallurgical Engineering, Faculty of Engineering, Universitas Sultan Ageng Tirtayasa, Indonesia
12. Assoc. Prof. Muhammad Zubair Muis Alie, Ph.D., Department of Ocean Engineering, Faculty of Engineering, Universitas Hasanuddin, Indonesia
13. Assoc. Prof. Teguh Kurniawan, Ph.D., Department of Chemical Engineering, Faculty of Engineering, Universitas Sultan Ageng Tirtayasa, Indonesia
14. Assoc. Prof. Dr. Ratnadewi, ST., MT., Department of Electrical Engineering, Faculty of Engineering, Universitas Kristen Maranatha, Indonesia
15. Assoc. Prof. Dr. Asep Najmur Rokhman, ST., MT., Department of Electrical Engineering, Faculty of Engineering, Universitas Jenderal Achmad Yani, Indonesia
16. Assoc. Prof. Dr. Eng. Deni Shidqi Khaerudini, Department of Mechanical Engineering, Faculty of Engineering, Universitas Mercu Buana, Indonesia
17. Assoc. Prof. Dr. Ir. IGL Bagus Eratodi, ST., MT., IPM, ASEAN.Eng., Department of Civil Engineering, Faculty of Engineering and Informatics, Universitas Pendidikan Nasional, Indonesia
18. Assist. Prof. Dr. Eng. Heriansyah Putra, S.Pd., M.Eng., Department of Civil and Environmental Engineering, Faculty of Engineering and Agriculture Technology, Institut Pertanian Bogor, Indonesia



TEKNIKA: Jurnal Sains dan Teknologi

Volume 17 No. 1 Juni 2021 | P-ISSN: 1693-024X | E-ISSN: 2654-4113

19. Assist. Prof. Teguh Firmansyah, ST., MT., Department of Electrical Engineering, Faculty of Engineering, Universitas Sultan Ageng Tirtayasa, Indonesia
20. Assist. Prof. Rr. Poppy Puspitasari, S.Pd., MT., Ph.D., Department of Mechanical Engineering, Faculty of Engineering, Universitas Negeri Malang, Indonesia
21. Assist. Prof. Dr. Samad Sepasgozar, Department of Construction Management and Property, Faculty of Built Environment, University of New South Wales, Australia
22. Assist. Prof. Dr. Eng. Hendra Achiari, Coastal Engineering Research Group, Faculty of Civil and Environmental Engineering, Institut Teknologi Bandung, Indonesia
23. Assist. Prof. Andres Maurico Moreno Uribe, M.Sc., Ph.D., Department of Mechanical Engineering, Faculty of Engineering, Minas Gerais Federal University, Brazil
24. Assist. Prof. Kulsum, ST., MT., Department of Industrial Engineering, Faculty of Engineering, Universitas Sultan Ageng Tirtayasa, Indonesia
25. Assist. Prof. Arka Dwinanda Soewono, B.A.Sc., M.A.Sc., Department of Mechanical Engineering, Faculty of Engineering, Atma Jaya Catholic University of Indonesia, Indonesia
26. Assist. Prof. Rindu Twidi Bethary, ST., MT., Department of Civil Engineering, Faculty of Engineering, Universitas Sultan Ageng Tirtayasa, Indonesia
27. Assist. Prof. Enden Mina, ST., MT., Department of Civil Engineering, Faculty of Engineering, Universitas Sultan Ageng Tirtayasa, Indonesia
28. Assist. Prof. Marten Darmawan, ST., Ph.D., Department of Mechanical Engineering, Faculty of Engineering, Atma Jaya Catholic University of Indonesia, Indonesia
29. Assist. Prof. Dyah Lintang Trenggonowati, ST., MT., Department of Industrial Engineering, Faculty of Engineering, Universitas Sultan Ageng Tirtayasa, Indonesia
30. Assist. Prof. Lucky Wahyu NZS., ST., M.Eng., Department of Chemical Engineering, Faculty of Industrial Technology, Universitas Islam Indonesia, Indonesia
31. Assist. Prof. Dr. Ir. Sudirman Syam, ST., Department of Electrical Engineering, Faculty of Science and Engineering, University of Nusa Cendana, Indonesia
32. Assist. Prof. Dr. Irma Saraswati, Department of Electrical Engineering, Faculty of Engineering, Universitas Sultan Ageng Tirtayasa, Indonesia
33. Assist. Prof. Dr. Iswadi Hasyim Rosma, ST., MT., Ph.D., Department of Electrical Engineering, Faculty of Engineering, Universitas Riau, Indonesia
34. Assist. Prof. Bobby Kurniawan, ST., MT., Department of Industrial Engineering, Faculty of Engineering, Universitas Sultan Ageng Tirtayasa, Indonesia
35. Assist. Prof. Rama Indera Kusuma, ST., MT., Department of Civil Engineering, Faculty of Engineering, Universitas Sultan Ageng Tirtayasa, Indonesia
36. Assist. Prof. Klodian Dhoska, Ph.D., Department of Production Management, Faculty of Mechanical Engineering, Polytechnic University of Tirana, Albania
37. Assist. Prof. Restu Wigati, ST., M.Eng., Department of Civil Engineering, Faculty of Engineering, Universitas Sultan Ageng Tirtayasa, Indonesia
38. Assist. Prof. Muhammad Adha Ilhami, ST., MT., Department of Industrial Engineering, Faculty of Engineering, Universitas Sultan Ageng Tirtayasa, Indonesia
39. Assist. Prof. Muthia Elma, ST., MT., Ph.D., Department of Chemical Engineering, Faculty of Engineering, Lambung Mangkurat University, Indonesia
40. Assist. Prof. Alfian Noviyanto, S.T.P., MT., Ph.D., Department of Mechanical Engineering, Faculty of Engineering, Universitas Mercu Buana, Indonesia



TEKNIKA: Jurnal Sains dan Teknologi

Volume 17 No. 1 Juni 2021 | P-ISSN: 1693-024X | E-ISSN: 2654-4113

41. Assist. Prof. Achmad Bahauddin, ST., MT., Department of Industrial Engineering, Faculty of Engineering, Universitas Sultan Ageng Tirtayasa, Indonesia
42. Assist. Prof. Dr. Achmad Yasir Baeda, ST., MT., Department of Ocean Engineering, Department of Civil Engineering, Department of Coastal Engineering, Faculty of Engineering, Universitas Hasanuddin, Indonesia
43. Dr. Ir. Jamaaluddin, MM., Department of Electrical Engineering, Faculty of Engineering, Universitas Muhammadiyah Sidoarjo, Indonesia
44. Untung Ari Wibowo, ST., MT., Materials Science and Engineering Research Group, Institut Teknologi Bandung, Indonesia
45. Puji Wulandari, S.TP., M.Sc., Department of Food Technology, Faculty of Agriculture, Universitas Sultan Ageng Tirtayasa, Indonesia
46. Rifqi Ahmad Riyanto, S.Si., M.Sc., Department of Food Technology, Faculty of Agriculture, Universitas Sultan Ageng Tirtayasa, Indonesia
47. Andromeda Dwi Laksono, ST., M.Sc., Department of Materials and Metalurgical Engineering, Institut Teknologi Kalimantan, Indonesia
48. Kirtyana Nindita, S.Si., M.Sc., Mathematics, Department of Nautics, Politeknik Maritim Negeri Indonesia, Indonesia
49. Muhammad Triyogo Adiwibowo, ST., MT., Department of Chemical Engineering, Faculty of Engineering, Universitas Sultan Ageng Tirtayasa, Indonesia



e-ISSN



9 772654 411181

p-ISSN



1693 0247



<http://jurnal.untirta.ac.id/index.php/ju-tek>

dipublikasikan oleh Fakultas Teknik,
Universitas Sultan Ageng Tirtayasa, Banten
Indonesia