

Journal of Applied Sciences, Management and Engineering Technology

Volume 3, issue 1, March 2022

RISK ANALYSIS USING MULTI-ATTRIBUTE FAILURE MODE ANALYSIS APPROACH IN MYBEB SOCIAL PAYMENT APPLICATION

Bob Maulana Adam, Zeplin Jiwa Husada Tarigan

THE EFFECT OF NAOH CONCENTRATION AND STEM SIZE IN THE MAKING OF OXALIC ACID FROM BANANA STEM

D Purwanto, A Rasmito, Sihabuddin

FRACTIONAL GRADIENT BASED OPTIMIZATION FOR NONLINEAR SEPARABLE DATA

D P Hapsari1, M F Rozi

PETROLOGY AND GEOCHEMICAL COMPARATION OF PUMICE AND SCORIA ROCKS OF SLAMET VOLCANO, CENTRAL JAVA

Yogi Adi Prasetya, Atsushi Toramaru

SLOPE STABILITY ANALYSIS IN ANDESITE STONE MINING ROLAS NUSANTARA TAMBANG LTD. IN PASURUAN REGENCY

Aprilia Dwi Astuti, Ratih Hardini Kusuma Putri, Yudho Dwi Galih Cahyono

J A S M E T

Journal of Applied Sciences, Management and Engineering Technology

YAYASAN PENDIDIKAN TEKNIK SURABAYA (Y P T S) INSTITUT TEKNOLOGI ADHI TAMA SURABAYA (I T A T S)	Redaction chief: Diah Listyaningsih, ST., MT Internal reviewer (ITATS): Dr. Rony Prabowo, SE, ST, MT, MSM Dr. Yustia Wulandari Mirzayanti, ST., MT Feri Harianto, ST., MT Farida, S.Kom, M. Kom External reviewer: Dr. Asdam Tambusay, MT (<i>Institut Teknologi Sepuluh Nopember</i>) Dr. Wahyuniarsih Sutrisno, ST, MT (<i>Institut Teknologi Sepuluh Nopember</i>) Gati Annisa H, MT, MSc (<i>Universitas Pertamina</i>) M. Tauhidul Islam Ph.D (<i>Research Fellow, Pilot Plant, and Process Development Center, Bangladesh Council of Scientific and Industrial Research- Bangladesh</i>) Muhammad Aldila Syariz, (<i>National Cheng Kung University-Taiwan</i>) Vuri Ayu Setyowati (<i>Osaka University-Japan</i>) I Putu Andhi Indira Kusuma, ST, MS (<i>National Central University-Taiwan</i>) Fajar Rizki Widiatmoko, ST., MSc (<i>National Dong Hwa University-Taiwan</i>) Editorial Member: Erifive Pranatal, ST., MT (<i>Institut Teknologi Adhi Tama Surabaya</i>) Afira Ainur Rosidah, S.T, M.S (<i>Institut Teknologi Adhi Tama Surabaya</i>) Norita Prasetya Wardhani (<i>Institut Teknologi Adhi Tama Surabaya</i>) Oryza Lhara Sari, S.T., M.T (<i>Institut Teknologi Kalimantan</i>) Nurina Kurniasari Rahmawati (<i>STKIP Kusuma Negara Jakarta</i>) Siti Fariya, ST., MT, Ph.D (<i>Strathclyde of University</i>) Editorial address: Lembaga Penelitian dan Pengabdian pada Masyarakat (LPPM)Institut Teknologi Adhi Tama Surabaya (ITATS) Jl. Arief Rachman Hakim 100 Surabaya (60117) Telp. (+62-31) 5995537 jasmet.journal@itats.ac.id
---	---

Table of Contents

RISK ANALYSIS USING MULTI-ATTRIBUTE FAILURE MODE ANALYSIS APPROACH IN MYBEB SOCIAL PAYMENT APPLICATION <i>Bob Maulana Adam, Zeplin Jiwa Husada Tarigan</i>	1-7
THE EFFECT OF NAOH CONCENTRATION AND STEM SIZE IN THE MAKING OF OXALIC ACID FROM BANANA STEM <i>D Purwanto, A Rasmito, Sihabuddin</i>	8-11
FRACTIONAL GRADIENT BASED OPTIMIZATION FOR NONLINEAR SEPARABLE DATA <i>D P Hapsari1, M F Rozi</i>	12-18
PETROLOGY AND GEOCHEMICAL COMPARATION OF PUMICE AND SCORIA ROCKS OF SLAMET VOLCANO, CENTRAL JAVA <i>Yogi Adi Prasetya, Atsushi Toramaru</i>	19-28
SLOPE STABILITY ANALYSIS IN ANDESITE STONE MINING ROLAS NUSANTARA TAMBANG LTD. IN PASURUAN REGENCY <i>Aprilia Dwi Astuti, Ratih Hardini Kusuma Putri, Yudho Dwi Galih Cahyono</i>	29-35



**JOURNAL OF APPLIED SCIENCES,
MANAGEMENT AND ENGINEERING
TECHNOLOGY**

address:

LPPM-ITATS

Jl. Arief Rachman Hakim 100 Surabaya

Phone/Fax: +62-31-5997244

jasmnet.journal@itats.ac.id

<https://ejournal.itats.ac.id/jasmnet>

ISSN: 2721-2165