

AL ULUM: JURNAL SAINS DAN TEKNOLOGI

AL ULUM: JOURNAL OF SCIENCE AND TECHNOLOGY



VOLUME : 9

NUMBER : 3

YEAR : 2023

**UPT PUBLICATION AND JOURNAL MANAGEMENT
ISLAMIC UNIVERSITY OF KALIMANTAN
INDONESIA**

Jurnal Title Al Ulum: Jurnal Sains dan Teknologi
Parallel Title Al Ulum: Journal of Science and Technology
Initial JST



JST is an international and open access journal with registered number ISSN 2477-4731 (Online). JST is a peer-reviewed journal published three times a year (April, August, and December) by UPT Publication and Journal Management, Islamic University of Kalimantan. JST is intended to be the journal for publishing articles reporting the results of science and technology research.

JST is accredited by the Ministry of Research, Technology and Higher Education of the Republic of Indonesia (Kemenristekdikti), No. 24/E/KPT/2022.

EDITORIAL BOARD

Managing Editor

Prof. Dr. Ir. Aam Gunawan, MP, Islamic University of Kalimantan, Indonesia

Editor in Chief

Assist. Prof. Antoni Pardede, Ph.D, Islamic University of Kalimantan, Indonesia

Associate Editor

Prof. Mohamed Ezzat Abdel-Moneim Khalifa, PhD, Taif University, Saudi Arabia

Assoc. Prof. Dr. Nurhusien Yimer Degu, Ph.D, Universiti Putra Malaysia, Malaysia

Assist. Prof. Rahma Yanda, M.Eng., Ph.D, Sumatera Institute of Technology, Indonesia

Assist. Prof. Ali Rahmat, M.App.Sc., Ph.D, National Research and Innovation Agency, Indonesia

Assist. Prof. Okviyoandra Akhyar, Ph.D, Islamic University of Kalimantan, Indonesia

Yasmine Khairunnisa, S.Pd., M.A, Lambung Mangkurat University, Indonesia

Rizka Zulfikar, S.Tp., M.M, Islamic University of Kalimantan, Indonesia

Wagino S.Kom., M.Kom, Islamic University of Kalimantan, Indonesia

Assistant Editor

Sri Lestari, S.Pd., M.Pd, Islamic University of Kalimantan, Indonesia

M. Fikri Ansari, S.Kom, Islamic University of Kalimantan, Indonesia

Ummi Khairunnisa, S.Pd, Islamic University of Kalimantan, Indonesia

Editorial Advisory Board

Prof. Muhammad M. Bukar, University of Maiduguri, Nigeria

Prof. Dinesh Ramesh Garud, MSc., SET., Ph.D, Sir Parashurambhau College, India

Prof. Ir. Abd Malik, M.Si., Ph.D., IPU., ASEAN Eng, Islamic University of Kalimantan, Indonesia

Prof. Dr. Ir. Hj. Tintin Rostini, M.P., IPM., ASEAN Eng, Islamic University of Kalimantan, Indonesia

Prof. Dr. Ir. H. Danang Biyatmoko, M.Si, Lambung Mangkurat University, Indonesia

Prof. Dr. Ir. Masganti, MS, Islamic University of Kalimantan, Indonesia

Prof. Sri Rachma Aprilita Bugiwati, M.Sc., Ph.D, Hasanuddin University, Indonesia

Prof. Dr. Ir. Endang Sulistyowati, M.Sc, Bengkulu University, Indonesia, Indonesia

Prof. Dr. Ir. Hesty Heryani, M.Si., IPU., ASEAN Eng, Lambung Mangkurat University, Indonesia

Assoc. Prof. Dr. Ir. Muhammad Marsudi, M.Sc, Islamic University of Kalimantan, Indonesia

Assoc. Prof. Dr. Silvia Ratna, S.Kom., M.Kom, Islamic University of Kalimantan, Indonesia

Assoc. Prof. Dr. Rizki Palupi, S.Pt., MP, Sriwijaya University, Indonesia

Assist. Prof. Amol D Sonawane, Ph.D, Syngene International Limited, India

Assist. Prof. Go Sian Huai, Ph.D, National Institute of Technology, Japan

Assist. Prof. Amelia Amir, Ph.D, Bung Hatta University, Indonesia

Assist. Prof. Dr. Ir. Hj. Siti Erlina, MP., IPU, Islamic University of Kalimantan, Indonesia

Assist. Prof. Dr. Ir. Rusilawati, S.T., M.T, Islamic University of Kalimantan, Indonesia

Assist. Prof. Dr. Ir. Ma'ruf Tafsir, M.Si, Sumatra Utara University, Indonesia

Assist. Prof. Aah Ahmad Almulqu, M.Si., Ph.D, Politeknik Pertanian Negeri Kupang, Indonesia

Dr. Nurul Hanisah Mohd, M.Sc, Alumni Universiti Kebangsaan Malaysia, Malaysia

Dr. Zetty Shafiqah Othman M.Sc, Alumni Universiti Kebangsaan Malaysia, Malaysia

Dr. Aye Moh Moh Thient, M.Sc, Founder of Quality Education Center, Myanmar

Dr. apt. Yulistia Budianti Soemarie, M. Farm., Islamic University of Kalimantan, Indonesia

Dr. Simel Sowmen, S.Pt., MP, Andalas University, Indonesia

Dr. La Ode Agus Salim, M.Sc, Institut Sains Teknologi dan Kesehatan Aisyiyah Kendari, Indonesia

Editorial Address

UPT Publikasi dan Pengelolaan Jurnal

Universitas Islam Kalimantan Muhammad Arsyad Al Banjari Banjarmasin

Jl. Adhyaksa No.2 Kayutangi, Banjarmasin, Kalimantan Selatan, 70123

Phone: (+62)81367247481

Email: antonipardede@uniska-bjm.ac.id
antonipardedekun@gmail.com

Website: <https://ojs.uniska-bjm.ac.id/index.php/JST/index>



TABLE OF CONTENTS

	Page
1. USER INTERFACE AND EXPERIENCE IMPLEMENTATION ANALYSIS ON THE MADRASAH ALIYAH RAUDATUL YATAMA INFORMATION SYSTEM <i>Muhammad Fajrian Noor, Syarifil Anwar, Sofyar, Afief Dzakie Na'imy</i>	89 - 95
2. NPK CONCENTRATION IN LIQUID MAGGOT FERTILIZER MADE FROM DIFFERENT ORGANIC RESOURCES ANALYZED <i>Rani Yosilia, Ade Lenty Hoya, Muhammad Fahmi Erlangga, Marlina Kamelia, Triawan Alkausar</i>	96 - 102
3. ANTIBACTERIAL ACTIVITY OF METHANOL EXTRACT FROM INGGILI FRUIT (<i>Xylocarpus granatum</i>) AGAINST <i>Propionibacterium acnes</i> AND <i>Escherichia coli</i> USING WELL DIFFUSION METHOD <i>Wahyu Isnaini Nurhidayanti, Achmad Kadri Ansyori, Reksi Sundu</i>	103 - 108
4. BUSINESS FEASIBILITY ANALYSIS OF PATIN FISH ENLARGEMENT POND IN BANUA LAWAS VILLAGE, TABALONG REGENCY <i>Sahra Wardi, Ana Zuraida, Inda Ilma Ifada</i>	109 - 116
5. IDENTIFICATION AND DETERMINATION OF SAPONIN CONTENT FROM EXTRACT OF <i>Embelia borneensis</i> BARK <i>Titin Murtiningsih, Risa Supriningrum, Henny Nurhasnawati</i>	117 - 126
6. EDIBLE FILM FOR FOOD PACKAGING <i>Hakimah Nurjanah, Hilman Imadul Umam, Teguh Pambudi</i>	127 - 137
7. INFLUENCE OF WHITE PEPPER POWDER (<i>Piper nigrum</i> L.) VEGETABLE INSECTICIDE ON PEST MORTALITY OF RICE WEEVILS <i>Akhmad Gazali, Dewi Arini, Noorkomala Sari, Ilhamiyah</i>	138 - 144