# SCI-TECH MEDIA

COMMUNITY SERVICE JOURNAL OF SCIENCE AND TECHNOLOGY



VOL. 1 NO. 1 (2023)

#### **FOREWORD**

In a great pleasure to be the venue and the source of great works from researchers and the community service program, SCI-TECH MEDIA Community Service Journal of Science and Technology publishes inspiring and knowledgeable articles that have been peer-reviewed. The publishing process is conducted by Pusat Peragaan Ilmu Pengetahuan dan Teknologi (PUSPA IPTEK) Universitas Muhammadiyah Malang.

This published Journal consists of five articles on recent community service programs related to the application of science and technology. These papers are experimental, theoretical, application, and solutions to problems. The improvement would be our concern to the journal that it gives fruitful distribution to future knowledge and technology for human prosperity.

We are also very thankful to those who make this journal publishing possible. It is expected that SCI-TECH MEDIA Community Service Journal of Science and Technology will make a contribution to the development of technology and its application in society.

Sincerely, **Editor in Chief** 

**SCI-TECH MEDIA Community Service Journal of Science and Technology** is community service journal focusing on providing publishing platform for scientists and academicians to share, publish and discuss all aspects of the latest outstanding development in the field of science and technology application in the field. SCI-TECH MEDIA encompasses the application of science and technology in society, education, agriculture, and the small or home industry.

**Referencing software:** 



Plagiarism checker:



**Spelling checker:** 



**Journal Site:** 

https://ejournal.umm.ac.id/index.php/scitech\_media

### **Editorial Board**

**Editor in Chief** 

Yepy Komaril Sofi'i Universitas Muhammadiyah Malang, Indonesia

**Associate Editor** 

Andinusa Rahmandhika Universitas Muhammadiyah Malang, Indonesia

**Editors** 

Mohammad Jufri Universitas Muhammadiyah Malang, Indonesia Ardi Lesmawanto Universitas Muhammadiyah Malang, Indonesia Sentot Achmadi Institut Teknologi Nasional Malang, Indonesia Pathur Razi Ansyah Universitas Lambung Mangkurat, Indonesia

### Vol. 1, No. 1 (2023)

### **Table of Contents**

### Magnets and electric: Improving elementary students' understanding on the concept of energy and force

Sentot Achmadi, Andinusa Rahmandhika, Ali Mokhtar, Amiirohana Mayasari, Ali Saifullah 1-8 DOI: <a href="https://doi.org/10.22219/scitechmedia.v1i1.25865">https://doi.org/10.22219/scitechmedia.v1i1.25865</a>

#### Increasing production capacity at Lontong industry "Pak To"

Yepy Komaril Sofi'i, Sudarman 9-16

DOI: https://doi.org/10.22219/scitechmedia.v1i1.25878

### Eco-enzyme as the natural disinfectant: Increasing school community awareness on waste management

Suwarsono, Budiono, Herry Suprianto, Khusnul Hadi
DOI: https://doi.org/10.22219/scitechmedia.v1i1.25879

## Introducing the concept of energy conservation for elementary students through the Eduwisata program

Moh. Jufri 25-32

DOI: https://doi.org/10.22219/scitechmedia.v1i1.25880

### Learning physics at home: The utilization of Indonesian traditional toys for studying

Andinusa Rahmandhika 33-40

DOI: https://doi.org/10.22219/scitechmedia.v1i1.25881