

Vol. 3, No.1, June 2022



GAGASAN PENDIDIKAN INDONESIA

FAKULTAS KEGURUAN DAN ILMU PENDIDIKAN
UNIVERSITAS SULTAN AGENG TIRTAYASA



**FAKULTAS KEGURUAN DAN ILMU PENDIDIKAN
UNIVERSITAS SULTAN AGENG TIRTAYASA 2022**

GAGASAN PENDIDIKAN INDONESIA

Vol.3, No.1, p.1-44, June 2022, p-ISSN 2721-9240, e-ISSN 2722-0982

Person in Charge

Dean of Faculty of Teacher Training and Education

Editor in Chief

Assoc. Prof. Dr. Suroso Mukti Leksono, M.Si., Department of Science Education, Faculty of Teacher Training and Education, University of Sultan Ageng Tirtayasa, Indonesia

Managing Editor

Asst. Prof. R. Ahmad Zaky El Islami, Ph.D Candidate, Department of Science Education, Faculty of Teacher Training and Education, Universitas Sultan Ageng Tirtayasa, Indonesia

Editorial Board Regional America

Prof. M V. V. Reddy, Ph.D, Nouveao Monde Graphite, Canada

Editorial Board Regional Europe

Seyedeh Golafrooz Ramezani, Ph.D, Finnish Institute for Educational Research, Finland

Editorial Board Regional Australia and Oceania

Awadhesh Kumar Shirotriya, Ph.D, Department of Secondary and Sports Education (DSSE), School of Education, Fiji National University, Fiji

Editorial Board Regional Africa

Assoc. Prof. Lindelani Mnguni, Ph.D, Health Sciences Teaching and Learning Office, Faculty of Health Sciences, University of the Witwatersrand, Johannesburg, South Africa

Editorial Boards Regional Asia

1. Dr. Abdullah M. Al-Ansi, Department of Education, Faculty of Education, University of Thamar, Yemen
2. Asst. Prof. Dr. Manuel E. Caingcoy, Department of Secondary Education, College of Education, Bukidnon State University, Philippines
3. Asst. Prof. Encep Andriana, M.Pd., Department of Primary School Teacher Education, Faculty of Teacher Training and Education, Universitas Sultan Ageng Tirtayasa, Indonesia
4. Asst. Prof. Mustofa Abi Hamid, M.Pd.T, Department of Vocational Education Electrical Engineering, Faculty of Teacher Training and Education, Universitas Sultan Ageng Tirtayasa, Indonesia
5. Asst. Prof. Trian Pamungkas Alamsyah, M.Pd., Department of Primary School Teacher Education, Faculty of Teacher Training and Education, Universitas Sultan Ageng Tirtayasa, Indonesia
6. Asst. Prof. Soffan Nurhaji, M.Pd., Department of Vocational Education Mechanical Engineering, Faculty of Teacher Training and Education, Universitas Sultan Ageng Tirtayasa, Indonesia
7. Asst. Prof. Much. Fuad Saifuddin, M.Pd., Department of Biology Education, Faculty of Teacher Training and Education, Universitas Ahmad Dahlan, Indonesia

Graphic Design

Asst. Prof. Sulaeman Deni Ramdani, M.Pd., Departement of Vocational Education Mechanical Engineering, Faculty of Teacher Training and Education, Universitas Sultan Ageng Tirtayasa, Indonesia

Secretariat

1. Asst. Prof. Indah Langitasari, M.Pd., Department of Chemistry Education, Faculty of Teacher Training and Education, Universitas Sultan Ageng Tirtayasa, Indonesia
2. Asst. Prof. Aan Subhan Pamungkas, M.Pd., Department of Mathematics Education, Faculty of Teacher Training and Education, Universitas Sultan Ageng Tirtayasa, Indonesia

Peer-Reviewers

1. Assoc. Prof. Dr. Prasart Nuangchalerm, Department of Curriculum and Instruction, Mahasarakham University, Thailand
2. Asst. Prof. Dr. Sanorom Silaban, M.Si, Department of Chemistry Education, Faculty of Mathematics and Natural Sciences, Universitas Negeri Medan, Indonesia
3. Asst. Prof. Indah Juwita Sari, Ph.D, Department of Biology Education, Faculty of Teacher Training and Education, Universitas Sultan Ageng Tirtayasa, Indonesia
3. Asst. Prof. Irwandani, M.Pd., Department of Physics Education, Faculty of Teacher Training and Education, Universitas Islam Negeri Raden Intan Lampung, Indonesia

Publisher

Fakultas Keguruan dan Ilmu Pendidikan, Universitas Sultan Ageng Tirtayasa

Email and Address

Jl. Ciwaru Raya No. 25 Cipocok Jaya Serang Banten 42117

Email: gpi@untirta.ac.id or gagasanpendidikanindonesia@gmail.com

PREFACE

Praise to Allah SWT who has given all his gifts and favors so that publishers are able to publish the *Gagasan Pendidikan Indonesia* volume 3, issue 1, June 2022. Shalawat and greetings may be poured into Prophet Muhammad SAW, to his family, His companions and his followers until the end of time. The publication of this journal cannot be separated from the support of various parties, from university to degree level, researchers from within and outside Universitas Sultan Ageng Tirtayasa (UNTIRTA), other partners and stakeholders. Do not forget to thank the Dean of Fakultas Keguruan dan Ilmu Pendidikan (FKIP), who has provided support in the publication of this journal. We would also like to thank both the moral and material support given by all parties who provided the way to the publication of this journal. Hopefully this journal can be used and useful for the publication of research in UNTIRTA or outside UNTIRTA.

In volume 3 (three) issue 1 (one) consists of 5 articles. All articles are the research articles. The proportion of corresponding authors is 60% of articles from outside of Universitas Sultan Ageng Tirtayasa and 40% of articles from Universitas Sultan Ageng Tirtayasa

Finally the editorial board realizes that this journal is so far from perfect, constructive feedback and suggestions to publishers for future improvements so publishers hope that this journal can have better quality

Serang, June 2022

Editorial Board

TABLE OF CONTENTS

PREFACE	ii
TABLE OF CONTENTS	iii
Problem-based Learning Implementation Using Blended Learning on Environmental Pollution Concepts Verla Ardiani, Much Fuad Saifuddin	1-11
The Validity of the Sustainability Based Argument-Driven Inquiry to Improve Students' Critical Thinking Skills Nur Khoiri, Kukuh Sugandi, Joko Siswanto	12-23
The Effect of Playdough Games on Children's Creativity in Early Childhood Education Eka Setiawati	24-30
Syntax of the Guided Inquiry Learning Model Based on Local Wisdom of Baduy's Society Towards Scientific Literacy on Environmental Conservation Theme Lukman Nulhakim, Liska Berlian, Aditya Rakhmawan, Asep Saefullah, Rt. Bai Rohimah, Bayu Fadhliana Firdaus, Amin Hasan, R. Ahmad Zaky El Islami, Indah Juwita Sari	31-36
The Implementation of the Behavioral Remedial Program at Homeschooling: A Case Study at Homeschooling Kak Seto in Indonesia Herlina Siregar, Rahmawati Rahmawati, Mokete Nyaphisi Bendly	37-44